GEOENVIRONMENTAL PCB ASSESSMENT REPORT
NCDOT FORMERLY SFF HOLDING, LLC
PARCEL NO. 2
TIP NO: P-5705A
WBS ELEMENT: 44475.3.1
MECKLENBURG COUNTY

DESCRIPTION:
Charlotte Wye Track Improvements

SITE:
NCDOT Formerly SFF Holding, LLC. Property
3600 Primrose Avenue
Charlotte, NC 28208

Prepared For:

North Carolina Department of Transportation
Geotechnical Engineering Unit
GeoEnvironmental Section
1589 Mail Service Center
Raleigh, NC 27699-1589

Prepared By:

Mid-Atlantic Associates, Inc.
409 Rogers View Court
Raleigh, North Carolina 27610
Mid-Atlantic Job No. 021R3828.00

February 17, 2022

Mid Atlantic

Mid Atlantic
Engineering & Environmental Solutions

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NCDOT FORMERLY SFF HOLDING, LLC. PROPERTY
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Prepared By:

MID-ATLANTIC ASSOCIATES, INC.

Troy L. Holzschuh
Project Manager

NORTH CAROLINA LICENSED SEAL 0883 GEOLOGIST GREG ICENHOUR

2/17/2022

Greg D. Icenhour, P.G., M.B.A.
Vice President
NC Licensed Geologist #0883

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Mid Atlantic

1.0 INTRODUCTION

Mid-Atlantic Associates, Inc. (Mid-Atlantic) has prepared this GeoEnvironmental Polychlorinated Biphenyl (PCB) Assessment Report in response to the North Carolina Department of Transportation's (NCDOT) Request for Technical and Cost Proposal (RFP) dated April 16, 2021, and in accordance with Mid-Atlantic's "Technical and Cost Proposal for "PCB-Impacted Soil Removal and Well Abandonment" dated May 5, 2021. Mid-Atlantic has performed the PCB Assessment and well abandonment for the NCDOT formerly SFF Holding, LLC. property (Subject Site), located at 3600 Primrose Avenue in Charlotte, North Carolina (**Drawing 1.1**). The investigation area for the subject site (Parcel 2) is the footprint of the proposed reinforced concrete box culvert (RCBC) located within the proposed right of way or easement (ROW/PUE) due to the potential presence of PCB contamination at the site and because excavation and grading may occur within the area. The property acquisition is necessary for the Charlotte Wye Track improvements along this project. The Subject Site is located at the western end of Primrose Avenue, northwest of the existing Norfolk Southern Rail-line and south of the Norfolk Southern Mainline train tracks, west of the Charlotte junction in Charlotte, Mecklenburg County North Carolina.

The NCDOT contracted with Mid-Atlantic to perform the PCB assessment due to the potential presence of PCB contamination at the site. The environmental assessment was performed to evaluate if soils have been impacted from past uses of the property within the proposed RCBC area. Additionally, Mid-Atlantic was contracted to abandon two groundwater monitoring wells, MW-3, and MW-4, shown on **Drawing 1.2**.

This report documents the results of the environmental investigation, the locations and volume of any PCBs identified in the investigation area above industrial/commercial preliminary Soil Remediation Goals (PSRGs), and the abandonment of two groundwater monitoring wells. The opinions included herein are based on our experience and information obtained during the study. This report is based on limited observations made on the dates noted using procedures described herein. If additional information becomes available, we request the opportunity to review the information, reassess the potential environmental concerns, and modify our conclusions, if appropriate.

1.1 Site Description

The Subject Site was formerly utilized as a United Scrap, Inc. facility, but currently consists of multiple vacant concrete slabs located in the central portion of the property. An asphalt driveway was observed on the southeastern portion of the property and the remaining portions of the parcel were observed to be undeveloped land. The site is located within a

commercial, industrial, and residential area of Charlotte, Mecklenburg County, North Carolina. The adjacent and surrounding properties include single-family residential homes, a church, a commercial buildings and storage, a rail yard, industrial buildings, and undeveloped land. The site is bordered to the north by Norfolk Southern Mainline followed by industrial buildings. An additional Norfolk Southern rail-line and Fern (a commercial business) are located adjacent to the east of the site. Moore's Sanctuary AME Zion Church, 48Fourty Solutions (a commercial business), and residential properties are located to the west of the site. A Norfolk Southern rail-line followed by residential properties and undeveloped land are located to the south of the site. Please refer to **Drawing 1.1** for the site topographic map and **Drawing 1.2** for the site location map. **Appendix A** includes a photograph log for the site.

1.2 Scope of Work

Per the NCDOT RFP and GeoEnvironmental Project Manager requests, the scope of work for this Phase II is as follows:

- Characterize soil with concentrations of PCB exceeding Industrial/Commercial Health Based PSRG (ICHB/PSRG) sufficient to characterize to the soil for disposal when the Contractor ultimately performs the excavation to install the proposed culvert.

- The location of the proposed RCBC is in the vicinity of soil sample P2SB-21 (collected in 2019). Refer to cross sections and plan view for dimensions and coordinate with NCDOT GeoEnvironmental Section and Rail Unit to determine the precise excavation width, and orientation of the proposed culvert excavation.

- Abandon two groundwater monitoring wells.

- Prepare a report documenting your activities sufficient to meet all DEQ's requirements. Submit one electronic DocuSign copy to this office.

2.0 SITE HISTORY

2.1 Parcel Usage

As described above the former SFF Holding property located at 3600 Primrose Avenue, in Charlotte NC was historically utilized as United Scrap, Inc. which was a scrap metal recycling and storage facility. The facility is identified on the North Carolina Department of Environmental Quality's (NCDEQ's) Incident Management Database (UST# MO-2453)

with a documented UST closure in 1989, however, this facility does not appear in the UST Section Registry and no Facility ID number was found to be associated with this parcel. According to NCDEQ Laserfiche website, the site was closed in 1990 with no contamination on-site. According to aerial photography buildings on site were demolished between August of 2012 and April of 2013. Aerial photography also indicates that the site was not developed prior to 1960 and was developed by 1970. Select historical documentation and aerial photographs from NCDOT and Google Earth are included as **Appendix B**.

3.0 FIELD ACTIVITIES

3.1 Preliminary Activities

Prior to commencing field sampling activities at the site, several tasks were accomplished in preparation for the subsurface investigation. A Health and Safety Plan (HASP) was prepared to include site-specific health and safety information necessary for field activities. North Carolina-One Call was contacted on November 12, 2021, to report the proposed soil boring activities.

Mid-Atlantic subcontracted Carolina Soil Investigations, LLC. (CSI) to move the concrete barricade at the entrance of the site to allow access, clear the debris from the investigation area, abandon two groundwater monitoring wells, and replace the barricade to the entrance at the conclusion of the field activities. Pyramid Environmental & Engineering, P.C. (Pyramid) was retained by Mid-Atlantic to locate subsurface utilities.

3.2 Site Reconnaissance

Mid-Atlantic personnel performed a site reconnaissance on June 17, 2021, to identify access restrictions or obstacles that could potentially affect the subsurface investigation. Mid-Atlantic observed a concrete barrier in front of the site entrance and debris and overgrown vegetation in the investigation area.

3.3 Groundwater Monitoring Well Abandonment

Two groundwater monitoring wells (MW-3 and MW-4) were abandoned on November 22, 2021, by CSI. The well abandonment records are presented in **Appendix C.** The abandoned well locations are presented in **Drawing 1.2**.

3.4 Soil Sampling

The purpose of the soil sampling was to conduct a soil assessment of soils potentially contaminated with PCBs. The soil assessment was completed within six feet below land surface (bls) of the proposed RCBC excavation area. This procedure was completed to estimate the volume of impacted soil that might require special handling during construction activities.

Soil sampling was executed by Mid-Atlantic personnel utilizing hand augers accompanied by field screening of volatile organic vapors with a photoionization detector (PID). One to three intervals of soil from pre-determined sampling depths were selected for offsite analysis of PCBs by EPA Method 8082A.

Mid-Atlantic advanced 14 soil borings on November 22, and 23, 2021 within the proposed investigation area. The predetermined sample locations were placed in a pattern to maximize the likelihood of identifying potential PCB soil contamination and in accordance with Environmental Protection Agency (EPA) protocol. Soils were classified for soil type and screened at approximate two-foot intervals using the PID. Boring Logs **(Appendix D)** note the PID readings and soil type descriptions recorded by Mid-Atlantic personnel as drilling progressed. The soils at the site consisted of predominantly yellow silt to orange and yellow-to-gray clayey silt with debris. The soil boring locations are presented in **Drawing 3.4.**

Mid-Atlantic collected 31 soil samples in the proposed RCBC excavation area. Samples were collected at depths ranging from 2 to 6 feet below land surface from 14 soil boring locations. This approach was designed to determine lateral and vertical extent so that future excavation of contaminated soil could be completed with all impacted soil removed to non-hazardous levels without subsequent delays for resampling. Soil samples were collected in accordance with the Mid-Atlantic procedures provided in **Appendix E.** Samples were collected into clean sampling containers provided by Waypoint Analytical, Inc. (Waypoint) and analyzed for PCBs by EPA Method 8082A.

4.0 ANALYTICAL RESULTS

4.1 Impacted Soil

Based on the analytical results located in **Appendix F** and summarized (along with PID readings) in **Table 4.1**, PCBs were detected in 22 of 31 sample locations. The PCB

congener Aroclor 1254 was identified. Only one soil boring (S-6) at two separate sampling intervals indicated concentrations above the industrial/commercial PSRG for Aroclor 1254. Sample S-6 (2') exhibited a concentration of 8.03 mg/kg, and sample S-6 (3') contained a concentration of 1.53 mg/kg. Though the concentrations exceed the industrial/commercial PSRG, it is below the PCB Remediation Waste Standard of 50 mg/kg, which is the concentration at which PCB soils are determined to be hazardous waste. Based on the laboratory analytical results, no hazardous concentrations of PCB congeners were identified. Analytical detections in soil and the estimated area of soil contamination above industrial/commercial PSRG are shown in **Drawing 4.1.**

4.2 Quantities Calculation

PCB-impacted soil was encountered within the proposed RCBC excavation area at concentrations exceeding NCDEQ's standard for Industrial/Commercial Health Based PSRGs in one soil boring S-6. Soil boring S-6 is in the northeast corner of the proposed RCBC. Based on the square footage (105 ft^2) of the estimated area and an estimated 3-foot thickness of contaminated soil, the estimated volume of contaminated soil on the remnant parcel is approximately 12 cubic yards. Soil samples were not detected above the PCB Remediation Waste Standard of 50 mg/kg.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this assessment, Mid-Atlantic concludes the following:

- Historical data indicates that the site was developed after 1950 and prior to 1960.
- Two groundwater monitoring wells (MW-3 and MW-4) were abandoned on November 22, 2021;
- Fourteen soil borings were advanced, and up to three soil samples were collected from each boring;
- Thirty-one total soil samples were collected for laboratory analysis;
- Each sample was analyzed for PCBs by EPA Method 8082A by Waypoint Analytical;
- PCB congener Aroclor 1254 concentrations were detected in 12 of the 14 soil borings; however, only two soil samples from one soil boring exceeded the NCDEQ standard for Industrial/Commercial Health Based PSRG's; and

- Soil samples analyzed were below the PCB Remediation Waste Standard of 50 mg/kg.

Based on the results of the investigation, Mid-Atlantic recommends the following:

- Removing the affected soil prior to construction; and
- Dispose of the soil as a non-hazardous waste at a licensed facility.

TABLES

TABLE 4.1
PID READINGS AND SOIL ANALYTICAL RESULTS - PCB's
3600 PRIMROSE AVENUE
NCDOT: P5705A CHARLOTTE WYE TRACK
CHARLOTTE, NORTH CAROLINA
MID-ATLANTIC JOB NO. 000R3828.00

Sample ID	Date	PPM	CONCENTRATION (mg/Kg)						
		PID Readings	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
Residential Health Based PSRG			0.82	0.2	0.18	0.23	0.23	0.23	0.24
Industrial/Commercial Health Based PSRG			10	0.84	0.73	0.95	0.94	0.97	0.99
Protection of Groundwater PSRG			0.94	0.0059	0.0059	0.055	0.054	0.091	0.24
S-1 (2')	11/22/2021	0.0	<0.0030	<0.0028	<0.0028	<0.0028	<0.0028	0.0223	<0.0030
S-1 (4')	11/22/2021	0.0	<0.0029	<0.0028	<0.0028	<0.0028	<0.0028	0.0397	<0.0030
S-2 (2')	11/22/2021	0.0	<0.0028	<0.0027	<0.0027	<0.0027	<0.0027	0.125	<0.0029
S-2 (4')	11/22/2021	0.0	<0.0032	<0.0030	<0.0030	<0.0030	<0.0030	0.0196	<0.0032
S-3 (2')	11/22/2021	0.0	<0.0031	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0032
S-3 (5')	11/22/2021	0.0	<0.0030	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0031
S-4 (2')	11/22/2021	0.0	<0.0028	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.0028
S-4 (5')	11/22/2021	0.0	<0.0029	<0.0028	<0.0028	<0.0028	<0.0028	0.0110	<0.0030
S-5 (2')	11/22/2021	0.0	<0.0027	<0.0026	<0.0026	<0.0026	<0.0026	0.0566	<0.0028
S-5 (4')	11/22/2021	0.0	<0.0027	<0.0026	<0.0026	<0.0026	<0.0026	0.0524	<0.0028
S-5 (6')	11/22/2021	0.0	<0.0028	<0.0026	<0.0026	<0.0026	<0.0026	0.0905	<0.0028
S-6 (2')	11/22/2021	0.0	<0.0027	<0.0026	<0.0026	<0.0026	<0.0026	**8.03**	<0.0028
S-6 (3')	11/22/2021	0.0	<0.0325	<0.0309	<0.0309	<0.0309	<0.0309	**1.53**	<0.0330
S-7 (2')	11/22/2021	0.0	<0.0031	<0.0029	<0.0029	<0.0029	<0.0029	0.0178	<0.0031
S-7 (4')	11/22/2021	0.0	<0.0031	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0031
S-8 (2')	11/22/2021	0.0	<0.0028	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0029
S-8 (5')	11/22/2021	0.0	<0.0031	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0031
S-9 (2')	11/22/2021	0.0	<0.0415	<0.0394	<0.0394	<0.0394	<0.0394	0.813	<0.0420
S-9 (5')	11/22/2021	0.0	<0.0388	<0.0367	<0.0367	<0.0367	<0.0367	0.712	<0.0391
S-10 (2')	11/23/2021	0.0	<0.0027	<0.0025	<0.0025	<0.0025	<0.0025	0.0128	<0.0027
S-10 (4')	11/23/2021	0.0	<0.0027	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0027
S-10 (6')	11/23/2021	0.0	<0.0028	<0.0026	<0.0026	<0.0026	<0.0026	<0.0026	<0.0028
S-11 (2')	11/22/2021	0.0	<0.0042	<0.0040	<0.0040	<0.0040	<0.0040	0.182	<0.0043
S-11 (4')	11/22/2021	0.0	<0.0030	<0.0028	<0.0028	<0.0028	<0.0028	0.288	<0.0030
S-12 (2')	11/22/2021	0.0	<0.0032	<0.0030	<0.0030	<0.0030	<0.0030	0.0146	<0.0032
S-12 (5')	11/22/2021	0.0	<0.0031	<0.0029	<0.0029	<0.0029	<0.0029	0.0184	<0.0031
S-13 (2')	11/22/2021	0.0	<0.0028	<0.0026	<0.0026	<0.0026	<0.0026	0.0129	<0.0028
S-13 (5')	11/22/2021	0.0	<0.0028	<0.0026	<0.0026	<0.0026	<0.0026	0.0238	<0.0028
S-14 (2')	11/22/2021	0.0	<0.0027	<0.0026	<0.0026	<0.0026	<0.0026	0.0883	<0.0028
S-14 (4')	11/22/2021	0.0	<0.0266	<0.0252	<0.0252	<0.0252	<0.0252	<0.0252	<0.0269
S-14 (6')	11/22/2021	0.0	<0.0027	<0.0026	<0.0026	<0.0026	<0.0026	0.0125	<0.0028

Notes:
(mg/Kg) = Milligrams per Kilogram
PSRGs = Preliminary Soil Remediation Goals, NCDEQ IHSB Guidance, June, 2021 Version
Bold values denote that analyte was detected above its Industrial/Commercial Health Based PSRG
J = Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration
BDL = Below laboratory method detection limits
NA = Not Analyzed
NS = No Standard

DRAWINGS

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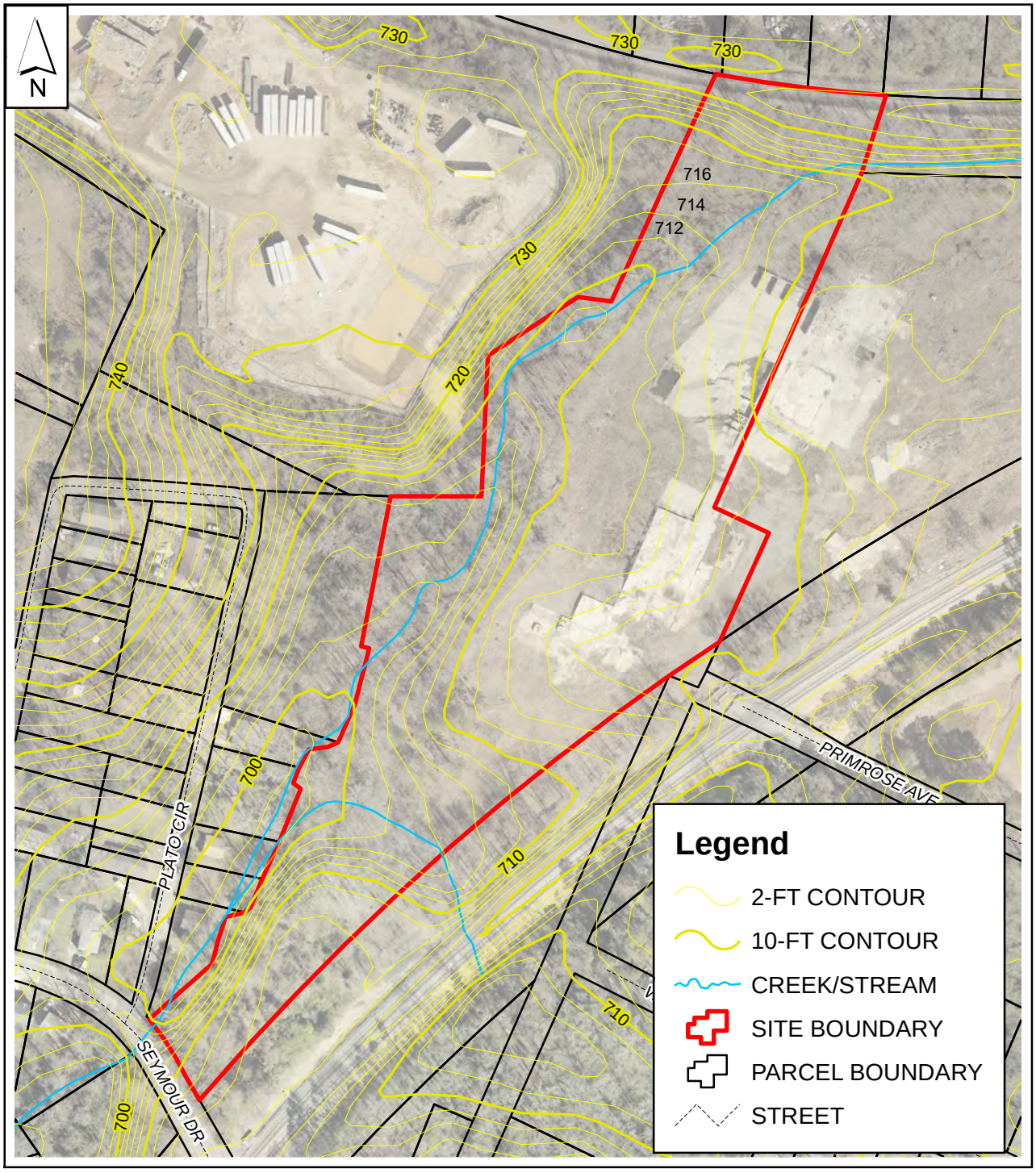


REFERENCES:

1. 2020 AERIAL PHOTOGRAPH AND COUNTY GIS DATA FROM MECKLENBURG COUNTY.

SCALE:1:2,400

0 100 200 400 Feet

Mid Atlantic Engineering & Environmental Solutions

TOPOGRAPHIC SITE MAP
P-5705A - SOIL SAMPLING
3600 PRIMROSE AVENUE
CHARLOTTE, NORTH CAROLINA

DRAWN BY: JS	DATE: APRIL 2021
DRAFT CHECK:	JOB NO:
ENG. CHECK:	GIS NO: 05G-R3828.00-01
APPROVAL: *GDI*	DWG NO: 1

LEGEND

- EXISTING ROW
- EXISTING PROPERTY BOUNDARY
- PROPOSED ROW LINE
- SLOPE STAKE CUT LINE
- SLOPE STAKE FILL LINE
- PARCEL 2 GENERAL STUDY AREA
- LOCATION OF ABANDONED MONITOR WELL

DRAWN BY:	
DRAFTING CHECK BY:	
ENGINEER CHECK BY:	
APPROVED BY:	
DATE:	DECEMBER 2021
JOB NO:	021R3828
CAD #	FIGURE 1.2
DWG NO:	1.2

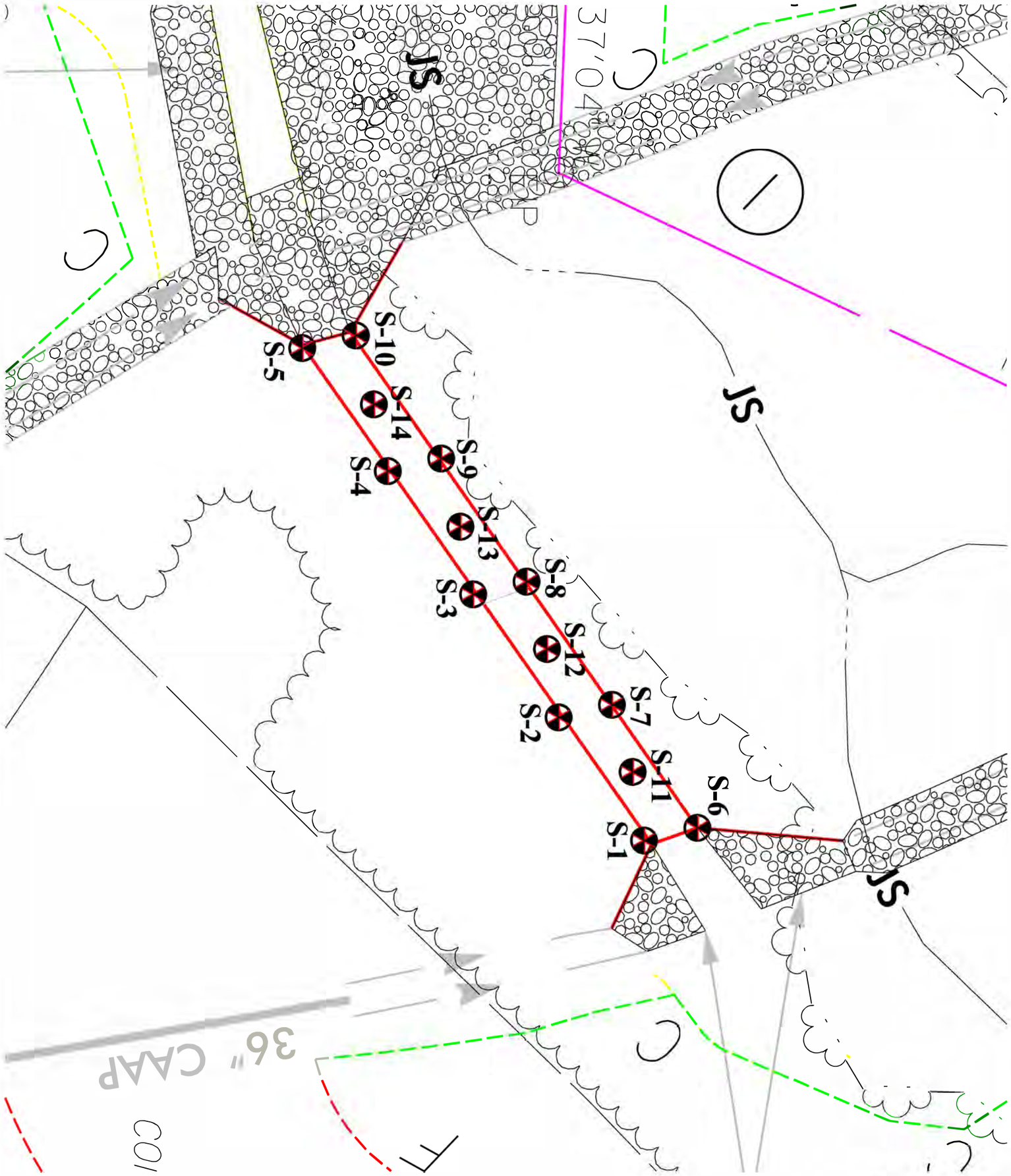
SITE LOCATION MAP
NCDOT PROJECT P-5705A
3600 PRIMROSE AVE.
PARCEL 2
CHARLOTTE, NC

Mid Atlantic
Engineering & Environmental Solutions

REFERENCE: NCDOT MICROSTATION (FS, HYD_DRN, RR ROW, RR SS)

N

0 100
SCALE: 1"= 100



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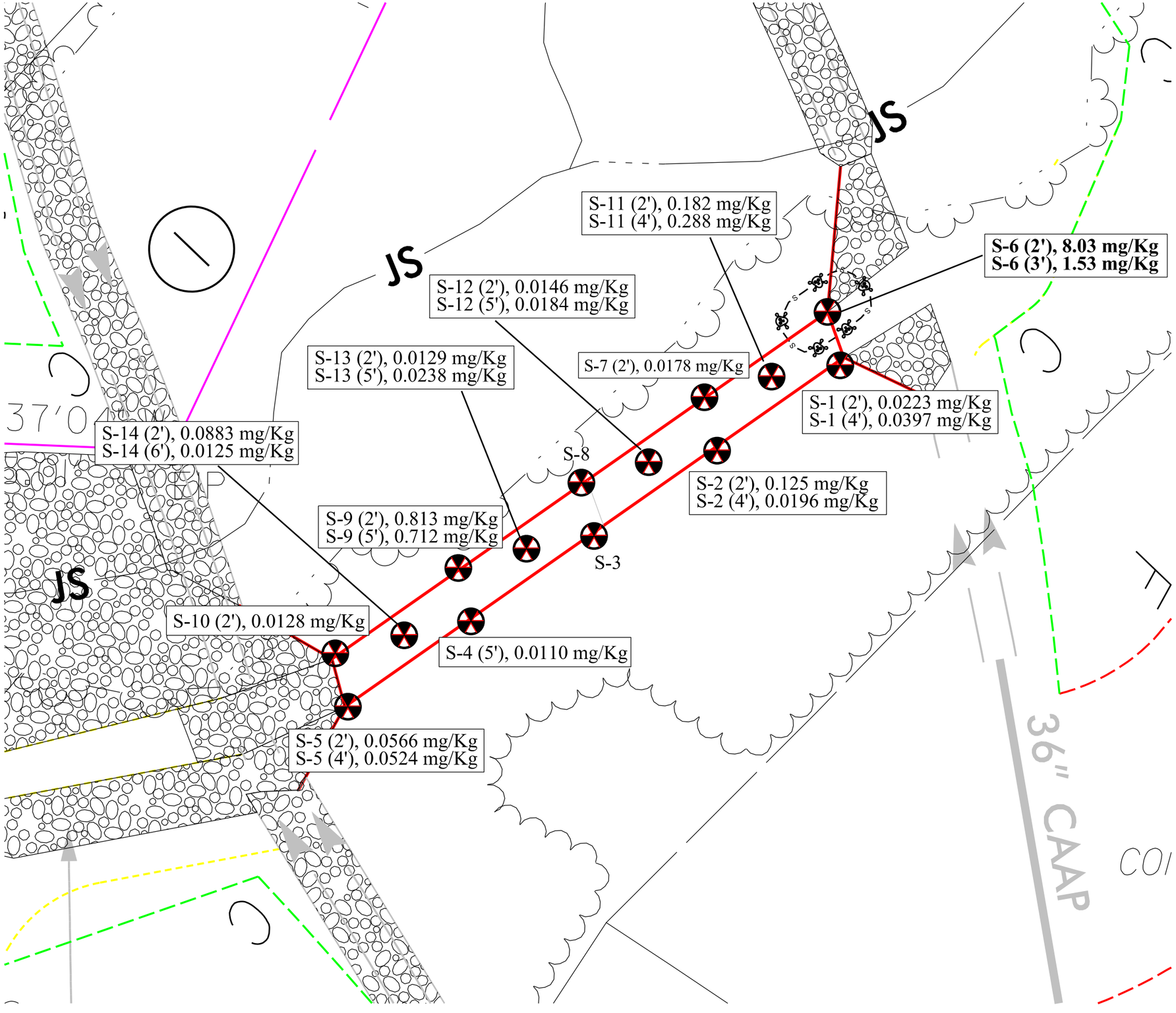
Engineering & Environmental Solutions

SOIL SAMPLE LOCATION MAP
NCDOT PROJECT P-5705A
3600 PRIMROSE AVE.
PARCEL 2
CHARLOTTE, NC

DRAWN BY:	DATE: DECEMBER 2021
DRAFTING CHECK BY:	JOB NO: 021R3828
ENGINEER CHECK BY:	CAD # FIGURE 3.4
APPROVED BY:	DWG NO: 3.4

REFERENCE: NCDOT MICROSTATION (FS, HYD_DRN, RR ROW, RR SS)



LEGEND

- EXISTING ROW
- EXISTING PROPERTY BOUNDARY
- PROPOSED CULVERT
- SLOPE STAKE CUT LINE
- SLOPE STAKE FILL LINE
- KNOWN SOIL CONTAMINATION
- SOIL BORING LOCATION

ANALYTICAL RESULTS PRESENTED ARE PCB, AROCLOR 1254

BOLD VALUES INDICATE EXCEEDANCE OF INDUSTRIAL/COMMERCIAL HEALTH-BASED PSRG

DRAWN BY:
DRAFTING CHECK BY:
ENGINEER CHECK BY:
APPROVED BY:

DATE: DECEMBER 2021
JOB NO: 021R3828
CAD # FIGURE 4.1
DWG NO: 4.1

ANALYTICAL DETECTIONS IN SOIL AND ESTIMATED AREA OF SOIL CONTAMINATION
NCDOT PROJECT P-5705A
3600 PRIMROSE AVE.
PARCEL 2
CHARLOTTE, NC

Mid Atlantic Engineering & Environmental Solutions

REFERENCE: NCDOT MICROSTATION (FS, HYD_DRN, RR ROW, RR SS)

APPENDIX A

SITE PHOTO LOG

Photograph 1 – View of site entrance barricade prior to investigation activities.

Photograph 2 – View of barricade being moved to gain access to site.

Photograph 3 – Photo of investigation area being cleared.

Photograph 4 – Photo of private utilities being located.

Photograph 5 – Photo of containerized soil cuttings and decon water.

Photograph 6 – Photo of replaced barricade wall after investigation activities.

APPENDIX B

SELECTED AERIAL PHOTOGRAPHS AND HISTORICAL INFORMATION

Mid Atlantic

State of North Carolina
Department of Environment, Health, and Natural Resources
Mooresville Regional Office

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Albert F. Hilton, Regional Manager
DIVISION OF ENVIRONMENTAL MANAGEMENT

March 9, 1990

M-2453

Mr. Buddy Fisher
United Scrap, Inc.
Post Office Box 668647
Charlotte, North Carolina 28266

RE: Soil Sample Results From UST Closure
United Scrap - Primrose Avenue
Mecklenburg County, N.C.

Dear Mr. Fisher:

The Groundwater Section of the Division of Environmental Management has received the additional information required for the closure of three underground storage tanks at the above referenced site. The report arrived on February 17, 1990. Based on the reported results, no further action is required at this time.

Should you have any questions, please do not hesitate to call me.

Sincerely,

Arlen Burney

Arlen Burney
Hydrogeological Technician

FAB/bb

919 North Main Street, Mooresville, N.C. 28115 • Telephone 704-663-1699 • FAX 704-663-6040

EnviroSpec
Environmental Specialists

P.O. Box 25610-188 • Charlotte, N.C. 28227 • 704-545-8577

July 13, 1989

N.C. Dept. of Natural Resources
c/o Eric Klingel, Ph.D.
P.O. Box 950
Mooresville, N.C. 28115

Reference: Underground Storage Tank Closure

Dear Sirs:

We as agents for United Scrap Inc. performed the closure of 3 ea. two thousand (2000) gallon underground storage tanks by removal, as per our thirty (30) day notice to your department. At which time, soil samples were taken at the designated locations and no contamination was found.

Laboratory work was done by Bold Research Labs, Inc. Copies of lab results are enclosed.

If any additional information is needed, please feel free to contact our office.

Sincerely,

Richard Crosby

Richard Crosby
EnviroSpec President

enclosures

RAC/js

Bold Research Labs
Incorporated

ANALYTICAL TESTING & CONSULTING SERVICES

P.O. BOX 31486 • CHARLOTTE, NC 28231 • TELEPHONE (704) 342-3496 • FAX: (704) 342-9913

LAB SAMPLE NO.(s): 249B1-6

DATE OF REPORT: 06/27/89

P.O. NO.:

DATE RECEIVED: 06/09/89

RECEIVED FROM:

CUSTOMER NO.: 6115

NAME: RICHARD CROSBY
ORG. ENVIRO SPEC.
ADD: P.O. BOX 25610-188

CHARLOTTE NC 28229

TELEPHONE NO.: 704-545-8577

SAMPLE(s) of: SOIL
UNITED SCRAP

MARKED: A: TANK A #1 6/9/89

B: TANK A #2 6/9/89

C: TANK B #1 6/9/89

D: TANK B #2 6/9/89

SAMPLE/TEST NO.		1	A: B1	B: B2	C: B3	D: B4
ANALYSIS	UNITS					
pH						
TOTAL RESIDUE	(mg/L)					
TOTAL VOLATILE RESIDUE	(mg/L)					
TOTAL NONFILT. RESIDUE	(mg/L)					
TOTAL DISSOLVED RESIDUE	(mg/L)					
BOD	(mg/L)					
COD	(mg/L)					
AMMONIA AS N	(mg/L)					
TOTAL KJELDAHL NITROGEN	(mg/L)					
NITRATE AS N	(mg/L)					
TOTAL PHOSPHATE AS P	(mg/L)					
CHLORIDE AS Cl-	(mg/L)					
OIL & GREASE	(mg/L)					
CYANIDE, TOTAL	(mg/L)					
TOTAL PETROLEUM HYDROCARBONS	mg/Kg		<10	<10	<10	<10
METALS	UNITS					
ARSENIC	(mg/L)					
SELENIUM	(mg/L)					
CADMIUM	(mg/L)					
CHROMIUM	(mg/L)					
COPPER	(mg/L)					
LEAD	(mg/L)					
NICKEL	(mg/L)					
ZINC	(mg/L)					
MERCURY	(mg/L)					

APPROVED BY: Jeffrey K. O'Ham Jeffrey K. O'Ham, Manager

303 MEACHAM ST. • CHARLOTTE, NC 28203

Bold Research Labs
Incorporated

ANALYTICAL TESTING & CONSULTING SERVICES

P.O. BOX 31486 • CHARLOTTE, NC 28231 • TELEPHONE (704) 342-3496 • FAX: (704) 342-9913

LAB SAMPLE NO.(s): 249B1-6

DATE OF REPORT: 06/27/89

P.O. NO.:

DATE RECEIVED: 06/09/89

RECEIVED FROM:

CUSTOMER NO.: 6115

NAME: RICHARD CROSBY
ORG. ENVIRO SPEC.
ADD: P.O. BOX 25610-188

CHARLOTTE NC 28229

TELEPHONE NO.: 704-545-8577

SAMPLE(s) of: SOIL
UNITED SCRAP

MARKED: A: TANK C #1 6/9/89

B: TANK C #2 6/9/89

C:

D:

SAMPLE/TEST NO.	1	A: B5	B: B6	C:	D:
ANALYSIS	UNITS				
pH					
TOTAL RESIDUE	(mg/L)				
TOTAL VOLATILE RESIDUE	(mg/L)				
TOTAL NONFILT. RESIDUE	(mg/L)				
TOTAL DISSOLVED RESIDUE	(mg/L)				
BOD	(mg/L)				
COD	(mg/L)				
AMMONIA AS N	(mg/L)				
TOTAL KJELDAHL NITROGEN	(mg/L)				
NITRATE AS N	(mg/L)				
TOTAL PHOSPHATE AS P	(mg/L)				
CHLORIDE AS Cl-	(mg/L)				
OIL & GREASE	(mg/L)				
CYANIDE, TOTAL	(mg/L)				
TOTAL PETROLEUM HYDROCABONS	mg/Kg	<10	<10		
METALS	UNITS				
ARSENIC	(mg/L)				
SELENIUM	(mg/L)				
CADMIUM	(mg/L)				
CHROMIUM	(mg/L)				
COPPER	(mg/L)				
LEAD	(mg/L)				
NICKEL	(mg/L)				
ZINC	(mg/L)				
MERCURY	(mg/L)				

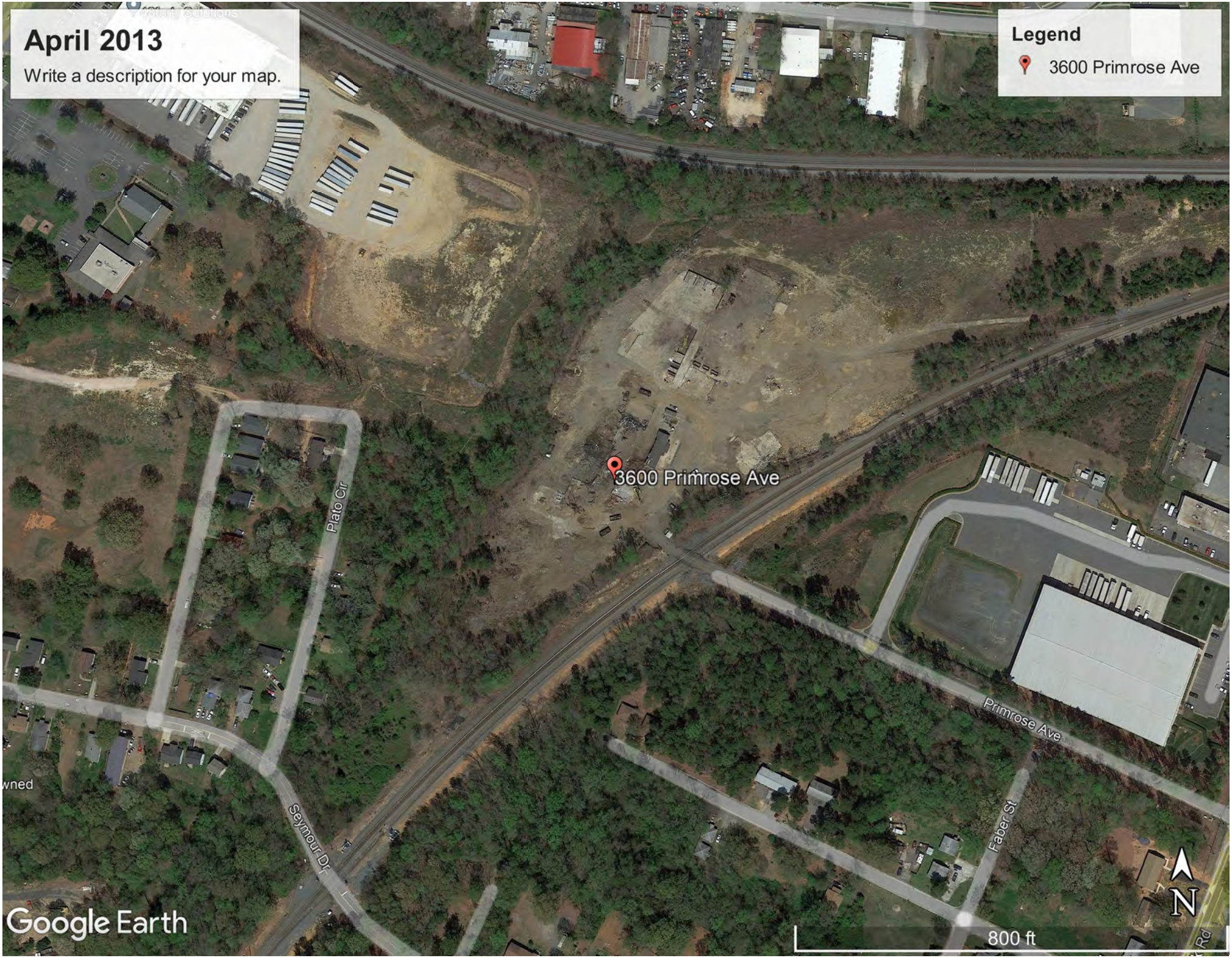
APPROVED BY: Jeffrey K. O'Ham Jeffrey K. O'Ham, Manager

303 MEACHAM ST. • CHARLOTTE, NC 28203


0.10052-1 81


M136
32


2-5-74
1" 500
271
M 1112


April 2013
Write a description for your map.
Legend
3600 Primrose Ave
3600 Primrose Ave
Plato Cir
Seymour Dr
Primrose Ave
Faber St
N
800 ft
Google Earth


August 2012
Write a description for your map.
Legend
3600 Primrose Ave
3600 Primrose Ave
Plato Cir
Seymour Dr
Primrose Ave
Faber St
N
800 ft
Google Earth


February 1993
Write a description for your map.
Legend
3600 Primrose Ave
Santa Ave
Rosemont St
Tucker-Kirby
Yates Wilbert Vault
Hargrove Ave
48forty Solutions
3600 Primrose Ave
Plato Cir
Primrose Ave
N
700 ft
Google Earth
Image U.S. Geological Survey


January 2021
Write a description for your map.
Legend
3600 Primrose Ave
3600 Primrose Ave
Plato Cir
Seymour Dr
Primrose Ave
Faber St
wned
Google Earth
800 ft
N

APPENDIX C

WELL ABANDONMENT RECORDS

Mid Atlantic

WELL ABANDONMENT RECORD

For Internal Use ONLY:

1. Well Contractor Information:

Keith Speece

Well Contractor Name (or well owner personally abandoning well on his/her property)

2856-A

NC Well Contractor Certification Number

Carolina Soil Investigations, LLC

Company Name

2. Well Construction Permit #: _____

List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.) if known

3. Well use (check well use):

Water Supply Well:	
☐Agricultural	☐Municipal/Public
☐Geothermal (Heating/Cooling Supply)	☐Residential Water Supply (single)
☐Industrial/Commercial	☐Residential Water Supply (shared)
☐Irrigation	
Non-Water Supply Well:	
■Monitoring	☐Recovery
Injection Well:	
☐Aquifer Recharge	☐Groundwater Remediation
☐Aquifer Storage and Recovery	☐Salinity Barrier
☐Aquifer Test	☐Stormwater Drainage
☐Experimental Technology	☐Subsidence Control
☐Geothermal (Closed Loop)	☐Tracer
☐Geothermal (Heating/Cooling Return)	☐Other (explain under 7g)

4. Date well(s) abandoned: 11/22/2021

5a. Well location:

Charlotte Wye Track

Facility/Owner Name

Facility ID# (if applicable)

3600 Primrose Ave Charlotte, NC

Physical Address, City, and Zip

Meck

County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

35.22116 **N** -81.90842 **W**

CONSTRUCTION DETAILS OF WELL(S) BEING ABANDONED

*Attach well construction record(s) if available. For multiple injection or non-water supply wells **ONLY** with the same construction/abandonment, you can submit one form.*

6a. Well ID#: MW-3

6b. Total well depth: 20 **(ft.)**

6c. Borehole diameter: 2.25 **(in.)**

6d. Water level below ground surface: 10 **(ft.)**

6e. Outer casing length (if known): _____ **(ft.)**

6f. Inner casing/tubing length (if known): _____ **(ft.)**

6g. Screen length (if known): _____ **(ft.)**

WELL ABANDONMENT DETAILS

7a. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same well construction/depth, only 1 GW-30 is needed. Indicate TOTAL NUMBER of wells abandoned: 1

7b. Approximate volume of water remaining in well(s): 0.96 **(gal.)**

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: _____

7d. Amount of disinfectant used: _____

7e. Sealing materials used (check all that apply):

■ Neat Cement Grout	☐ Bentonite Chips or Pellets
☐ Sand Cement Grout	☐ Dry Clay
☐ Concrete Grout	☐ Drill Cuttings
☐ Specialty Grout	☐ Gravel
☐ Bentonite Slurry	☐ Other (explain under 7g)

7f. For each material selected above, provide amount of materials used:

neat cement 58 lbs

7g. Provide a brief description of the abandonment procedure:

tremie grouted with neat cement

8. Certification:

Keith Speece — Signature of Certified Well Contractor or Well Owner

11/22/2021 — Date

By signing this form, I hereby certify that the well(s) was (were) abandoned in accordance with 15A NCAC 02C .0100 or 2C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

9. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well abandonment details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

10a. For All Wells: Submit this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

10b. For Injection Wells: In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

10c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well abandonment to the county health department of the county where abandoned.

WELL ABANDONMENT RECORD

For Internal Use ONLY:

1. Well Contractor Information:

Well Contractor Name (or well owner personally abandoning well on his/her property)

NC Well Contractor Certification Number

Company Name

2. Well Construction Permit #: _____
List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.) if known

3. Well use (check well use):

Water Supply Well:	
☐Agricultural	☐Municipal/Public
☐Geothermal (Heating/Cooling Supply)	☐Residential Water Supply (single)
☐Industrial/Commercial	☐Residential Water Supply (shared)
☐Irrigation	
Non-Water Supply Well:	
☐Monitoring	☐Recovery
Injection Well:	
☐Aquifer Recharge	☐Groundwater Remediation
☐Aquifer Storage and Recovery	☐Salinity Barrier
☐Aquifer Test	☐Stormwater Drainage
☐Experimental Technology	☐Subsidence Control
☐Geothermal (Closed Loop)	☐Tracer
☐Geothermal (Heating/Cooling Return)	☐Other (explain under 7g)

4. Date well(s) abandoned: _____

5a. Well location:

Facility/Owner Name

Facility ID# (if applicable)

Physical Address, City, and Zip

County

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lat/long is sufficient)

_____ **N** _____ **W**

CONSTRUCTION DETAILS OF WELL(S) BEING ABANDONED
*Attach well construction record(s) if available. For multiple injection or non-water supply wells **ONLY** with the same construction/abandonment, you can submit one form.*

6a. Well ID#: _____

6b. Total well depth: _____**(ft.)**

6c. Borehole diameter: _____**(in.)**

6d. Water level below ground surface: _____**(ft.)**

6e. Outer casing length (if known): _____**(ft.)**

6f. Inner casing/tubing length (if known): _____**(ft.)**

6g. Screen length (if known): _____**(ft.)**

WELL ABANDONMENT DETAILS

7a. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same well construction/depth, only 1 GW-30 is needed. Indicate TOTAL NUMBER of wells abandoned: _____

7b. Approximate volume of water remaining in well(s): _____**(gal.)**

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: _____

7d. Amount of disinfectant used: _____

7e. Sealing materials used (check all that apply):

☐ Neat Cement Grout	☐ Bentonite Chips or Pellets
☐ Sand Cement Grout	☐ Dry Clay
☐ Concrete Grout	☐ Drill Cuttings
☐ Specialty Grout	☐ Gravel
☐ Bentonite Slurry	☐ Other (explain under 7g)

7f. For each material selected above, provide amount of materials used:

_____ _____

_____ _____

7g. Provide a brief description of the abandonment procedure:

_____

_____

_____

_____

8. Certification:

Keith Spence

Signature of Certified Well Contractor or Well Owner

Date

By signing this form, I hereby certify that the well(s) was (were) abandoned in accordance with 15A NCAC 02C .0100 or 2C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

9. Site diagram or additional well details:
You may use the back of this page to provide additional well site details or well abandonment details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

10a. For All Wells: Submit this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

10b. For Injection Wells: In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

10c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well abandonment to the county health department of the county where abandoned.

APPENDIX D

BORING LOGS

Mid Atlantic

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-1

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	4
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Cameron Moore	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Cameron Moore

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Dark Brown, Silt with Gravel, Slightly Firm, Slightly Moist		
	None	0.0		Tan to Brown, Silty Clay, Slightly Firm, Slightly Moist		
2	None	0.0		Mottled Orange/White, Silty Clay, Slightly Firm, Slightly Moist		2
4				Boring Terminated at 4 ft-bgs		4
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-2

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	4
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Troy Holzschuh	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Troy Holzschuh

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Brown, Silt		
	None	0.0		Black, Clayey Silt, Slightly Firm, Slightly Moist		
2	None	0.0		Gray, Clayey Silt, Slightly Firm Slightly Moist		2
4				Boring Terminated at 4 ft-bgs		4
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-3

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	5
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Troy Holzschuh	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Troy Holzschuh

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Brown, Silt		
	None	0.0		Yellow, Clayey Silt, Slightly Firm, Slightly Moist		
2						2
	None	0.0		Gray, Clayey Silt, Slightly Firm Slightly Moist		
4						4
				Boring Terminated at 5 ft-bgs		
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-4

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	5
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Cameron Moore	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Cameron Moore

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Dark Brown to Black, Silt, Slightly Firm, Slghtly Moist		
2	None	0.0		Brown, Sand, Loose, Damp		2
4	None	0.0		Light Brown, Sand, Loose Moist		4
				Boring Terminated at 5 ft-bgs		
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-5

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	6
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Troy Holzschuh	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Troy Holzschuh

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
0	None	0.0		Brown, Silt, Slightly Firm, Slightly Moist		0
2	None	0.0		Yellow, Clayey Silt, Slightly Firm Slightly Moist		2
4	None	0.0		Gray, Clayey Silt		4
6				Boring Terminated at 6 ft-bgs		6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-6

Site Name:	**NCDOT P-5705A**	Drilling/Boring Method:	**Hand Auger**	Total Boring Depth (ft):	**4**
Project Number:	**021R3828.00**	Sampling Method:	**Hand Auger**	Well Depth (ft):	**N/A**
Location:	**Charlotte, NC**	Subcontractor/Drillers:	**Mid-Atlantic Associates**	Screen Depth (ft):	**N/A**
Date Started:	**11/22/2021**	Driller :	**Cameron Moore**	DTW (ft):	**N/A**
Date Completed:	**11/22/2021**	Monitoring Equipment:	**Photo Ionization Detector**	MAA Field Staff:	**Cameron Moore**

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Dark Brown, Silt with Gravel, Slightly Firm, Slightly Moist		
2	None	0.0		Dark Brown to Black, Silt with Debris		2
4				Boring Terminated at 4 ft-bgs		4
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-7

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	4
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Cameron Moore	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Cameron Moore

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Dark Brown, Silt with Gravel, Slightly Firm, Slightly Moist		
	None	0.0		Brown, Silt with Heavy Debris		
2	None	0.0		Light Brown, Silt with Debris, Dry Loose		2
4				Boring Terminated at 4 ft-bgs		4
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-8

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	5
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/23/2021	Driller :	Troy Holzschuh	DTW (ft):	N/A
Date Completed:	11/23/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Troy Holzschuh

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Brown, Silt with Rock		
2	None	0.0		Yellow and Orange, Mottled, Clayey Silt, Slightly Firm, Slightly Moist		2
4	None	0.0		White and Orange, Marbled, Clayey Silt		4
				Boring Terminated at 5 ft-bgs		
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-9

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	5
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Troy Holzschuh	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Troy Holzschuh

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
0	None	0.0		Black, Silt, Slightly Firm, Slghtly Moist		0
2	None	0.0				2
4						4
6				Boring Terminated at 5 ft-bgs		6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-10

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	6
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/23/2021	Driller :	Cameron Moore	DTW (ft):	N/A
Date Completed:	11/23/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Cameron Moore

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Orange/Tan, Silty Clay with Large Rock Debris		
2	None	0.0		Gray, Silty Clay, Loose, Moist		2
4	None	0.0		Gray, Sand, Loose, Moist		4
6				Boring Terminated at 6 ft-bgs		6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-11

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	4
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Troy Holzschuh	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Troy Holzschuh

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Brown, Silt, Moist		
	None	0.0		Yellow Orange, Clayey Silt, Moist		
2	None	0.0		White Orange, Marbled, Clayey Silt, Moist		2
4				Boring Terminated at 4 ft-bgs		4
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

409 Rogers View Ct.
Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-12

Site Name:	**NCDOT P-5705A**	Drilling/Boring Method:	**Hand Auger**	Total Boring Depth (ft):	**5**
Project Number:	**021R3828.00**	Sampling Method:	**Hand Auger**	Well Depth (ft):	**N/A**
Location:	**Charlotte, NC**	Subcontractor/Drillers:	**Mid-Atlantic Associates**	Screen Depth (ft):	**N/A**
Date Started:	**11/22/2021**	Driller :	**Troy Holzschuh**	DTW (ft):	**N/A**
Date Completed:	**11/22/2021**	Monitoring Equipment:	**Photo Ionization Detector**	MAA Field Staff:	**Troy Holzschuh**

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
0	None	0.0		Brown, Silt, Slightly Firm, Slghtly Moist		0
2	None	0.0		White/Orange, Marbled, Clayey Silt, Moist		2
4				Boring Terminated at 5 ft-bgs		4
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

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Ph: (919) 250-9918

LOG OF BORING: S-13

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	5
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Troy Holzschuh	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Troy Holzschuh

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Brown, Silt, Slightly Firm, Slghtly Moist		
2						2
	None	0.0		Gray, Clayey Silt, Moist		
4						4
				Boring Terminated at 5 ft-bgs		
6						6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

Mid Atlantic
Engineering & Environmental Solutions

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Raleigh NC 27610
Ph: (919) 250-9918

LOG OF BORING: S-14

Site Name:	NCDOT P-5705A	Drilling/Boring Method:	Hand Auger	Total Boring Depth (ft):	6
Project Number:	021R3828.00	Sampling Method:	Hand Auger	Well Depth (ft):	N/A
Location:	Charlotte, NC	Subcontractor/Drillers:	Mid-Atlantic Associates	Screen Depth (ft):	N/A
Date Started:	11/22/2021	Driller :	Cameron Moore	DTW (ft):	N/A
Date Completed:	11/22/2021	Monitoring Equipment:	Photo Ionization Detector	MAA Field Staff:	Cameron Moore

ft -bgs	Sampling Interval, Odors	PID (ppm)	Sample to Laboratory	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	0.0		Orange, Silt, Slightly Firm, Slightly Moist		
2	None	0.0		Gray, Sand, Loose, Moist		2
4	None	0.0		Light Brown, Sand, Loose, Moist		4
6				Boring Terminated at 6 ft-bgs		6
8						8
10						10
12						12
14						14
16						16
18						18
20						20

COMMENTS:
DTW - Depth to Water ▼

in - indicates inches
ft - indicates depth in feet
ft-bgs - indicates feet below ground surface

N/A - indicates not applicable to this boring
ppm - indicates parts per million
TD - Total Depth of Boring for Sampling

APPENDIX E

MID-ATLANTIC FIELD PROCEDURES

Soil Sampling Procedures

I. Sample Collection

Direct Push Technology (DPT, or "Geoprobe")

DPT uses a truck-mounted hydraulic rig to push a steel sampling probe into the subsurface to collect soil and/or groundwater samples. The sampling device used to collect the soil samples during this investigation was the "macrocore" sampler. This sampler consists of a four-foot long, two-inch diameter stainless steel spoon containing a clear, acetate liner. When the macrocore sampler is driven into the subsurface, the soil is collected into the acetate liner and then retrieved to the land surface. The liner is then cut open and the soil lithology is characterized and soil samples are collected.

Split Spoon Sampling

This method of soil sampling is typically used during advancement of hollowstem augers for the construction of monitoring wells. Soil samples are obtained from the borings by driving a prewashed, 1-3/8-inch inner-diameter split-spoon sampler at five foot intervals to termination in general accordance with ASTM D-1586 (Standard Penetration Test) specifications. Blow counts for each six inches of split-spoon penetration are recorded during advancement of the spoon. Samples are then retrieved to the land surface, the split-spoon is opened, and the soil lithology is characterized and soil samples are collected.

Hand Augering

This method is typically used for shallow sampling in areas where access is limited or underground obstacles such as utilities may be present. A pre-washed, three-inch diameter steel auger bucket is attached to extension rods and manually turned to penetrate the subsurface to the desired sampling depth. Samples are then retrieved to the land surface and the soil lithology is characterized and soil samples are collected directly from the hand auger bucket.

Excavator Bucket Sampling

This method is typically used during UST excavation and soil excavation projects. The soil samples are collected from the excavator bucket when it is not safe to collect the samples by other means. Care is taken when collecting samples from the bucket to avoid soil that has come in contact with the bucket itself to avoid cross contamination.

II. Headspace Field Screening

A portion of each sample is removed from the sampling device and placed in a pre-labeled, plastic "ziploc" bag. After several minutes, the gas contained in the "headspace" or void area within the bag is tested with a photoionization detection (PID) and/or Flame Ionization Detector (FID). These are useful as scanning devices to detect the presence of volatile organic compounds (VOCs) but are not relied upon to determine specific levels of contamination. Typically, the samples exhibiting the highest headspace readings will be submitted to the laboratory for analysis.

III. Preparation for Laboratory Analysis

The sample collector dons new nitrile sampling gloves prior to handling each sample. The samples are placed into laboratory-prepared, pre-labeled, sampling containers, packed in ice, and shipped to a certified laboratory under chain-of-custody control. The sampler places an executed custody seal on the cooler prior to leaving the sampler's custody. Laboratory analyses to be performed on the samples, along with other sampling information, are specified on the chain-of-custody, which is placed in the cooler with the samples.

APPENDIX F

SOIL LABORATORY ANALYTICAL REPORTS

Mid Atlantic

449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

12/7/2021

Mid-Atlantic Associates, Inc. - Charlotte
Troy Holzschuh
1125 E. Morehead Street, Suite 104
Charlotte, NC, 28204

Ref: Analytical Testing
Lab Report Number: 21-327-0004
Client Project Description: Charlotte Wye Track

Dear Troy Holzschuh:

Waypoint Analytical, LLC (Charlotte) received sample(s) on 11/23/2021 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) unless otherwise indicated.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Angela D Overcash
Senior Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

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Certification Summary

Laboratory ID: WP CNC: Waypoint Analytical Carolina, Inc. (C), Charlotte, NC

State	Program	Lab ID	Expiration Date
North Carolina	State Program	37735	07/31/2022
North Carolina	State Program	402	12/31/2021
South Carolina	State Program	99012	07/31/2022
South Carolina	State Program	99012	12/31/2021

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2022
Arkansas	State Program	88-0650	02/07/2022
California	State Program	2904	06/30/2022
Florida	State Program - NELAP	E871157	06/30/2022
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2022
Illinois	State Program - NELAP	200078	10/10/2022
Kentucky	State Program	80215	06/30/2022
Kentucky	State Program	KY90047	12/31/2021
Louisiana	State Program - NELAP	LA037	12/31/2021
Louisiana	State Program - NELAP	04015	06/30/2022
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	415	12/31/2021
Pennsylvania	State Program - NELAP	68-03195	05/31/2022
South Carolina	State Program	84002	06/30/2022
South Carolina	State Program	84002	06/30/2022
Tennessee	State Program	02027	02/11/2023
Texas	State Program - NELAP	T104704180	09/30/2022
Virginia	State Program	00106	06/30/2022
Virginia	State Program - NELAP	460181	09/14/2022

Waypoint ANALYTICAL
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Sample Summary Table

Report Number: **21-327-0004**

Client Project Description: **Charlotte Wye Track**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
89281	S-1 (2')	Solids	11/22/2021 11:40	11/23/2021 11:04	SW-DRYWT	WP MTN
89281	S-1 (2')	Solids	11/22/2021 11:40	11/23/2021 11:04	8082A	WP MTN
89282	S-1 (4')	Solids	11/22/2021 11:50	11/23/2021 11:04	SW-DRYWT	WP MTN
89282	S-1 (4')	Solids	11/22/2021 11:50	11/23/2021 11:04	8082A	WP MTN
89283	S-2 (2')	Solids	11/22/2021 12:20	11/23/2021 11:04	SW-DRYWT	WP MTN
89283	S-2 (2')	Solids	11/22/2021 12:20	11/23/2021 11:04	8082A	WP MTN
89284	S-2 (4')	Solids	11/22/2021 12:22	11/23/2021 11:04	8082A	WP MTN
89284	S-2 (4')	Solids	11/22/2021 12:22	11/23/2021 11:04	SW-DRYWT	WP MTN
89285	S-3 (2')	Solids	11/22/2021 13:20	11/23/2021 11:04	SW-DRYWT	WP MTN
89285	S-3 (2')	Solids	11/22/2021 13:20	11/23/2021 11:04	8082A	WP MTN
89286	S-3 (5')	Solids	11/22/2021 13:40	11/23/2021 11:04	SW-DRYWT	WP MTN
89286	S-3 (5')	Solids	11/22/2021 13:40	11/23/2021 11:04	8082A	WP MTN
89287	S-4 (2')	Solids	11/22/2021 14:00	11/23/2021 11:04	SW-DRYWT	WP MTN
89287	S-4 (2')	Solids	11/22/2021 14:00	11/23/2021 11:04	8082A	WP MTN
89288	S-4 (5')	Solids	11/22/2021 14:10	11/23/2021 11:04	8082A	WP MTN
89288	S-4 (5')	Solids	11/22/2021 14:10	11/23/2021 11:04	SW-DRYWT	WP MTN
89289	S-5 (2')	Solids	11/22/2021 14:40	11/23/2021 11:04	SW-DRYWT	WP MTN
89289	S-5 (2')	Solids	11/22/2021 14:40	11/23/2021 11:04	8082A	WP MTN
89290	S-5 (4')	Solids	11/22/2021 14:50	11/23/2021 11:04	SW-DRYWT	WP MTN
89290	S-5 (4')	Solids	11/22/2021 14:50	11/23/2021 11:04	8082A	WP MTN
89291	S-5 (6')	Solids	11/22/2021 15:00	11/23/2021 11:04	SW-DRYWT	WP MTN
89291	S-5 (6')	Solids	11/22/2021 15:00	11/23/2021 11:04	8082A	WP MTN
89292	S-6 (2')	Solids	11/22/2021 12:10	11/23/2021 11:04	SW-DRYWT	WP MTN
89292	S-6 (2')	Solids	11/22/2021 12:10	11/23/2021 11:04	8082A	WP MTN
89293	S-6 (3')	Solids	11/22/2021 12:20	11/23/2021 11:04	SW-DRYWT	WP MTN
89293	S-6 (3')	Solids	11/22/2021 12:20	11/23/2021 11:04	8082A	WP MTN
89294	S-7 (2')	Solids	11/22/2021 12:45	11/23/2021 11:04	SW-DRYWT	WP MTN

WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

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Sample Summary Table

Report Number: **21-327-0004**

Client Project Description: **Charlotte Wye Track**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
89294	S-7 (2')	Solids	11/22/2021 12:45	11/23/2021 11:04	8082A	WP MTN
89295	S-7 (4')	Solids	11/22/2021 13:00	11/23/2021 11:04	SW-DRYWT	WP MTN
89295	S-7 (4')	Solids	11/22/2021 13:00	11/23/2021 11:04	8082A	WP MTN
89296	S-8 (2')	Solids	11/23/2021 09:50	11/23/2021 11:04	8082A	WP MTN
89296	S-8 (2')	Solids	11/23/2021 09:50	11/23/2021 11:04	SW-DRYWT	WP MTN
89297	S-8 (5')	Solids	11/23/2021 10:00	11/23/2021 11:04	SW-DRYWT	WP MTN
89297	S-8 (5')	Solids	11/23/2021 10:00	11/23/2021 11:04	8082A	WP MTN
89298	S-9 (2')	Solids	11/22/2021 14:20	11/23/2021 11:04	SW-DRYWT	WP MTN
89298	S-9 (2')	Solids	11/22/2021 14:20	11/23/2021 11:04	8082A	WP MTN
89299	S-9 (5')	Solids	11/22/2021 14:30	11/23/2021 11:04	SW-DRYWT	WP MTN
89299	S-9 (5')	Solids	11/22/2021 14:30	11/23/2021 11:04	8082A	WP MTN
89300	S-10 (2')	Solids	11/23/2021 09:55	11/23/2021 11:04	SW-DRYWT	WP MTN
89300	S-10 (2')	Solids	11/23/2021 09:55	11/23/2021 11:04	8082A	WP MTN
89301	S-10 (4')	Solids	11/23/2021 10:00	11/23/2021 11:04	SW-DRYWT	WP MTN
89301	S-10 (4')	Solids	11/23/2021 10:00	11/23/2021 11:04	8082A	WP MTN
89302	S-10 (6')	Solids	11/23/2021 10:05	11/23/2021 11:04	SW-DRYWT	WP MTN
89302	S-10 (6')	Solids	11/23/2021 10:05	11/23/2021 11:04	8082A	WP MTN
89303	S-11 (2')	Solids	11/22/2021 11:50	11/23/2021 11:04	SW-DRYWT	WP MTN
89303	S-11 (2')	Solids	11/22/2021 11:50	11/23/2021 11:04	8082A	WP MTN
89304	S-11 (4')	Solids	11/22/2021 11:55	11/23/2021 11:04	SW-DRYWT	WP MTN
89304	S-11 (4')	Solids	11/22/2021 11:55	11/23/2021 11:04	8082A	WP MTN
89305	S-12 (2')	Solids	11/22/2021 12:40	11/23/2021 11:04	SW-DRYWT	WP MTN
89305	S-12 (2')	Solids	11/22/2021 12:40	11/23/2021 11:04	8082A	WP MTN
89306	S-12 (5')	Solids	11/22/2021 13:00	11/23/2021 11:04	SW-DRYWT	WP MTN
89306	S-12 (5')	Solids	11/22/2021 13:00	11/23/2021 11:04	8082A	WP MTN
89307	S-13 (2')	Solids	11/22/2021 14:00	11/23/2021 11:04	SW-DRYWT	WP MTN
89307	S-13 (2')	Solids	11/22/2021 14:00	11/23/2021 11:04	8082A	WP MTN

WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

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Sample Summary Table

Report Number: **21-327-0004**

Client Project Description: **Charlotte Wye Track**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
89308	S-13 (5')	Solids	11/22/2021 14:15	11/23/2021 11:04	SW-DRYWT	WP MTN
89308	S-13 (5')	Solids	11/22/2021 14:15	11/23/2021 11:04	8082A	WP MTN
89309	S-14 (2')	Solids	11/22/2021 14:35	11/23/2021 11:04	SW-DRYWT	WP MTN
89309	S-14 (2')	Solids	11/22/2021 14:35	11/23/2021 11:04	8082A	WP MTN
89310	S-14 (4')	Solids	11/22/2021 14:40	11/23/2021 11:04	SW-DRYWT	WP MTN
89310	S-14 (4')	Solids	11/22/2021 14:40	11/23/2021 11:04	8082A	WP MTN
89311	S-14 (6')	Solids	11/22/2021 14:45	11/23/2021 11:04	SW-DRYWT	WP MTN
89311	S-14 (6')	Solids	11/22/2021 14:45	11/23/2021 11:04	8082A	WP MTN

WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

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Summary of Detected Analytes

Project: Charlotte Wye Track

Report Number: 21-327-0004

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
S-1 (2')	**V 89281**					
8082A	Aroclor 1254	0.0223	mg/Kg - dry	0.0028	12/03/2021 14:51	
SW-DRYWT	Moisture	23.2	%		12/01/2021 16:52	
S-1 (4')	**V 89282**					
8082A	Aroclor 1254	0.0397	mg/Kg - dry	0.0028	12/03/2021 15:10	
SW-DRYWT	Moisture	21.2	%		12/01/2021 16:52	
S-2 (2')	**V 89283**					
8082A	Aroclor 1254	0.125	mg/Kg - dry	0.0027	12/03/2021 15:30	
SW-DRYWT	Moisture	18.5	%		12/01/2021 16:52	
S-2 (4')	**V 89284**					
8082A	Aroclor 1254	0.0196	mg/Kg - dry	0.0030	12/03/2021 15:49	
SW-DRYWT	Moisture	28.1	%		12/01/2021 16:52	
S-3 (2')	**V 89285**					
SW-DRYWT	Moisture	26.4	%		12/01/2021 16:52	
S-3 (5')	**V 89286**					
SW-DRYWT	Moisture	24.0	%		12/01/2021 16:52	
S-4 (2')	**V 89287**					
SW-DRYWT	Moisture	16.5	%		12/01/2021 16:52	
S-4 (5')	**V 89288**					
8082A	Aroclor 1254	0.0110	mg/Kg - dry	0.0028	12/03/2021 17:38	
SW-DRYWT	Moisture	21.3	%		12/01/2021 16:52	
S-5 (2')	**V 89289**					
8082A	Aroclor 1254	0.0566	mg/Kg - dry	0.0026	12/03/2021 17:57	
SW-DRYWT	Moisture	16.0	%		12/01/2021 16:52	
S-5 (4')	**V 89290**					
8082A	Aroclor 1254	0.0524	mg/Kg - dry	0.0026	12/03/2021 18:17	
SW-DRYWT	Moisture	15.8	%		12/02/2021 16:06	
S-5 (6')	**V 89291**					
8082A	Aroclor 1254	0.0905	mg/Kg - dry	0.0026	12/03/2021 18:36	
SW-DRYWT	Moisture	17.4	%		12/02/2021 16:06	

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Summary of Detected Analytes

Project: Charlotte Wye Track

Report Number: 21-327-0004

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
S-6 (2')	**V 89292**					
8082A	Aroclor 1254	8.03	mg/Kg - dry	0.263	12/06/2021 14:03	
SW-DRYWT	Moisture	15.7	%		12/02/2021 16:06	
S-6 (3')	**V 89293**					
8082A	Aroclor 1254	1.53	mg/Kg - dry	0.0309	12/03/2021 20:56	
SW-DRYWT	Moisture	28.2	%		12/02/2021 16:06	
S-7 (2')	**V 89294**					
8082A	Aroclor 1254	0.0178	mg/Kg - dry	0.0029	12/03/2021 21:18	
SW-DRYWT	Moisture	25.0	%		12/02/2021 16:06	
S-7 (4')	**V 89295**					
SW-DRYWT	Moisture	25.9	%		12/02/2021 16:06	
S-8 (2')	**V 89296**					
SW-DRYWT	Moisture	18.9	%		12/02/2021 16:06	
S-8 (5')	**V 89297**					
SW-DRYWT	Moisture	24.7	%		12/02/2021 16:06	
S-9 (2')	**V 89298**					
8082A	Aroclor 1254	0.813	mg/Kg - dry	0.0394	12/03/2021 22:49	
SW-DRYWT	Moisture	43.7	%		12/02/2021 16:06	
S-9 (5')	**V 89299**					
8082A	Aroclor 1254	0.712	mg/Kg - dry	0.0367	12/03/2021 23:11	
SW-DRYWT	Moisture	66.3	%		12/02/2021 16:06	
S-10 (2')	**V 89300**					
8082A	Aroclor 1254	0.0128	mg/Kg - dry	0.0025	12/03/2021 23:33	
SW-DRYWT	Moisture	13.7	%		12/02/2021 16:15	
S-10 (4')	**V 89301**					
SW-DRYWT	Moisture	14.6	%		12/02/2021 16:15	
S-10 (6')	**V 89302**					
SW-DRYWT	Moisture	17.3	%		12/02/2021 16:15	
S-11 (2')	**V 89303**					
8082A	Aroclor 1254	0.182	mg/Kg - dry	0.0040	12/04/2021 00:39	

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Summary of Detected Analytes

Project: Charlotte Wye Track

Report Number: 21-327-0004

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
S-11 (2')	**V 89303**					
SW-DRYWT	Moisture	45.5	%		12/02/2021 16:15	
S-11 (4')	**V 89304**					
8082A	Aroclor 1254	0.288	mg/Kg - dry	0.0028	12/04/2021 01:02	
SW-DRYWT	Moisture	23.2	%		12/02/2021 16:15	
S-12 (2')	**V 89305**					
8082A	Aroclor 1254	0.0146	mg/Kg - dry	0.0030	12/04/2021 01:24	
SW-DRYWT	Moisture	27.4	%		12/02/2021 16:15	
S-12 (5')	**V 89306**					
8082A	Aroclor 1254	0.0184	mg/Kg - dry	0.0029	12/04/2021 01:47	
SW-DRYWT	Moisture	24.8	%		12/02/2021 16:15	
S-13 (2')	**V 89307**					
8082A	Aroclor 1254	0.0129	mg/Kg - dry	0.0026	12/04/2021 02:09	
SW-DRYWT	Moisture	17.6	%		12/02/2021 16:15	
S-13 (5')	**V 89308**					
8082A	Aroclor 1254	0.0238	mg/Kg - dry	0.0026	12/04/2021 02:31	
SW-DRYWT	Moisture	17.0	%		12/02/2021 16:15	
S-14 (2')	**V 89309**					
8082A	Aroclor 1254	0.0883	mg/Kg - dry	0.0026	12/04/2021 03:37	
SW-DRYWT	Moisture	16.4	%		12/02/2021 16:15	
S-14 (4')	**V 89310**					
SW-DRYWT	Moisture	12.2	%		12/02/2021 13:35	
S-14 (6')	**V 89311**					
8082A	Aroclor 1254	0.0125	mg/Kg - dry	0.0026	12/04/2021 04:21	
SW-DRYWT	Moisture	16.4	%		12/02/2021 13:35	

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Client: Mid-Atlantic Associates, Inc. - Charlotte **CASE NARRATIVE**
Project: Charlotte Wye Track
Lab Report Number: 21-327-0004
Date: 12/7/2021

Ultrasonic Extraction for PCB's Method 3550B
Sample 89299 (S-9 (5'))
QC Batch No: L587839/L587839
The weight/volume extracted was reduced during the extraction procedure due to the nature of the sample. Reporting limits are factored for the sample size reduction.

Polychlorinated Biphenyls (PCB's) Method 8082A
Sample 89310 (S-14 (4'))
QC Batch No: L588251
The sample was diluted due to the nature of the sample matrix. Reporting limits have been adjusted accordingly.

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Project Charlotte Wye Track
Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89281**
Sample ID : **S-1 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 11:40**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**23.2**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Report Date : 12/07/2021
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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89281**
Sample ID : **S-1 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 11:40**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0030	mg/Kg - dry	0.0030	0.0086	1	12/03/21 14:51	VIC	L587977
Aroclor 1221	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/03/21 14:51	VIC	L587977
Aroclor 1232	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/03/21 14:51	VIC	L587977
Aroclor 1242	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/03/21 14:51	VIC	L587977
Aroclor 1248	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/03/21 14:51	VIC	L587977
Aroclor 1254	**0.0223**	mg/Kg - dry	0.0028	0.0086	1	12/03/21 14:51	VIC	L587977
Aroclor 1260	<0.0030	mg/Kg - dry	0.0030	0.0086	1	12/03/21 14:51	VIC	L587977
Surrogate: Decachlorobiphenyl	34.3		Limits: 17-141%		1	12/03/21 14:51		L587977
Surrogate: Tetrachloro-m-xylene	51.8		Limits: 20-122%		1	12/03/21 14:51		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track

Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89282**
Sample ID : **S-1 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 11:50**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**21.2**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89282**
Sample ID : **S-1 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 11:50**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0029	mg/Kg - dry	0.0029	0.0084	1	12/03/21 15:10	VIC	L587977
Aroclor 1221	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 15:10	VIC	L587977
Aroclor 1232	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 15:10	VIC	L587977
Aroclor 1242	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 15:10	VIC	L587977
Aroclor 1248	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 15:10	VIC	L587977
Aroclor 1254	**0.0397**	mg/Kg - dry	0.0028	0.0084	1	12/03/21 15:10	VIC	L587977
Aroclor 1260	<0.0030	mg/Kg - dry	0.0030	0.0084	1	12/03/21 15:10	VIC	L587977
Surrogate: Decachlorobiphenyl	38.5		Limits: 17-141%		1	12/03/21 15:10		L587977
Surrogate: Tetrachloro-m-xylene	45.5		Limits: 20-122%		1	12/03/21 15:10		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track
Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89283**
Sample ID : **S-2 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:20**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**18.5**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89283**
Sample ID : **S-2 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:20**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0028	mg/Kg - dry	0.0028	0.0081	1	12/03/21 15:30	VIC	L587977
Aroclor 1221	<0.0027	mg/Kg - dry	0.0027	0.0081	1	12/03/21 15:30	VIC	L587977
Aroclor 1232	<0.0027	mg/Kg - dry	0.0027	0.0081	1	12/03/21 15:30	VIC	L587977
Aroclor 1242	<0.0027	mg/Kg - dry	0.0027	0.0081	1	12/03/21 15:30	VIC	L587977
Aroclor 1248	<0.0027	mg/Kg - dry	0.0027	0.0081	1	12/03/21 15:30	VIC	L587977
Aroclor 1254	**0.125**	mg/Kg - dry	0.0027	0.0081	1	12/03/21 15:30	VIC	L587977
Aroclor 1260	<0.0029	mg/Kg - dry	0.0029	0.0081	1	12/03/21 15:30	VIC	L587977
Surrogate: Decachlorobiphenyl	40.0		Limits: 17-141%		1	12/03/21 15:30		L587977
Surrogate: Tetrachloro-m-xylene	47.4		Limits: 20-122%		1	12/03/21 15:30		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89284**
Sample ID : **S-2 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 12:22**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**28.1**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89284**
Sample ID : **S-2 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 12:22**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0032	mg/Kg - dry	0.0032	0.0092	1	12/03/21 15:49	VIC	L587977
Aroclor 1221	<0.0030	mg/Kg - dry	0.0030	0.0092	1	12/03/21 15:49	VIC	L587977
Aroclor 1232	<0.0030	mg/Kg - dry	0.0030	0.0092	1	12/03/21 15:49	VIC	L587977
Aroclor 1242	<0.0030	mg/Kg - dry	0.0030	0.0092	1	12/03/21 15:49	VIC	L587977
Aroclor 1248	<0.0030	mg/Kg - dry	0.0030	0.0092	1	12/03/21 15:49	VIC	L587977
Aroclor 1254	**0.0196**	mg/Kg - dry	0.0030	0.0092	1	12/03/21 15:49	VIC	L587977
Aroclor 1260	<0.0032	mg/Kg - dry	0.0032	0.0092	1	12/03/21 15:49	VIC	L587977
Surrogate: Decachlorobiphenyl	31.7		Limits: 17-141%		1	12/03/21 15:49		L587977
Surrogate: Tetrachloro-m-xylene	45.7		Limits: 20-122%		1	12/03/21 15:49		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track
Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89285**
Sample ID : **S-3 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 13:20**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**26.4**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Report Date : 12/07/2021
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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89285**
Sample ID : **S-3 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 13:20**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0031	mg/Kg - dry	0.0031	0.0090	1	12/03/21 16:09	VIC	L587977
Aroclor 1221	<0.0030	mg/Kg - dry	0.0030	0.0090	1	12/03/21 16:09	VIC	L587977
Aroclor 1232	<0.0030	mg/Kg - dry	0.0030	0.0090	1	12/03/21 16:09	VIC	L587977
Aroclor 1242	<0.0030	mg/Kg - dry	0.0030	0.0090	1	12/03/21 16:09	VIC	L587977
Aroclor 1248	<0.0030	mg/Kg - dry	0.0030	0.0090	1	12/03/21 16:09	VIC	L587977
Aroclor 1254	<0.0030	mg/Kg - dry	0.0030	0.0090	1	12/03/21 16:09	VIC	L587977
Aroclor 1260	<0.0032	mg/Kg - dry	0.0032	0.0090	1	12/03/21 16:09	VIC	L587977
Surrogate: Decachlorobiphenyl	34.0		Limits: 17-141%		1	12/03/21 16:09		L587977
Surrogate: Tetrachloro-m-xylene	58.4		Limits: 20-122%		1	12/03/21 16:09		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track
Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89286**
Sample ID : **S-3 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 13:40**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**24.0**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89286**
Sample ID : **S-3 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 13:40**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0030	mg/Kg - dry	0.0030	0.0087	1	12/03/21 16:59	VIC	L587977
Aroclor 1221	<0.0029	mg/Kg - dry	0.0029	0.0087	1	12/03/21 16:59	VIC	L587977
Aroclor 1232	<0.0029	mg/Kg - dry	0.0029	0.0087	1	12/03/21 16:59	VIC	L587977
Aroclor 1242	<0.0029	mg/Kg - dry	0.0029	0.0087	1	12/03/21 16:59	VIC	L587977
Aroclor 1248	<0.0029	mg/Kg - dry	0.0029	0.0087	1	12/03/21 16:59	VIC	L587977
Aroclor 1254	<0.0029	mg/Kg - dry	0.0029	0.0087	1	12/03/21 16:59	VIC	L587977
Aroclor 1260	<0.0031	mg/Kg - dry	0.0031	0.0087	1	12/03/21 16:59	VIC	L587977
Surrogate: Decachlorobiphenyl	33.4		Limits: 17-141%		1	12/03/21 16:59		L587977
Surrogate: Tetrachloro-m-xylene	51.3		Limits: 20-122%		1	12/03/21 16:59		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track

Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89287**
Sample ID : **S-4 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**16.5**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89287**
Sample ID : **S-4 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:00**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0028	mg/Kg - dry	0.0028	0.0079	1	12/03/21 17:18	VIC	L587977
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:18	VIC	L587977
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:18	VIC	L587977
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:18	VIC	L587977
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:18	VIC	L587977
Aroclor 1254	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:18	VIC	L587977
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0079	1	12/03/21 17:18	VIC	L587977
Surrogate: Decachlorobiphenyl	52.3		Limits: 17-141%		1	12/03/21 17:18		L587977
Surrogate: Tetrachloro-m-xylene	61.9		Limits: 20-122%		1	12/03/21 17:18		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track
Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89288**
Sample ID : **S-4 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 14:10**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**21.3**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Project Charlotte Wye Track

Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89288**
Sample ID : **S-4 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 14:10**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0029	mg/Kg - dry	0.0029	0.0084	1	12/03/21 17:38	VIC	L587977
Aroclor 1221	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 17:38	VIC	L587977
Aroclor 1232	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 17:38	VIC	L587977
Aroclor 1242	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 17:38	VIC	L587977
Aroclor 1248	<0.0028	mg/Kg - dry	0.0028	0.0084	1	12/03/21 17:38	VIC	L587977
Aroclor 1254	**0.0110**	mg/Kg - dry	0.0028	0.0084	1	12/03/21 17:38	VIC	L587977
Aroclor 1260	<0.0030	mg/Kg - dry	0.0030	0.0084	1	12/03/21 17:38	VIC	L587977
Surrogate: Decachlorobiphenyl	35.6		Limits: 17-141%		1	12/03/21 17:38		L587977
Surrogate: Tetrachloro-m-xylene	50.8		Limits: 20-122%		1	12/03/21 17:38		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89289**
Sample ID : **S-5 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:40**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**16.0**	%			1	12/01/21 16:52	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89289**
Sample ID : **S-5 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:40**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0027	mg/Kg - dry	0.0027	0.0079	1	12/03/21 17:57	VIC	L587977
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:57	VIC	L587977
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:57	VIC	L587977
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:57	VIC	L587977
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:57	VIC	L587977
Aroclor 1254	**0.0566**	mg/Kg - dry	0.0026	0.0079	1	12/03/21 17:57	VIC	L587977
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0079	1	12/03/21 17:57	VIC	L587977
Surrogate: Decachlorobiphenyl	34.1		Limits: 17-141%		1	12/03/21 17:57		L587977
Surrogate: Tetrachloro-m-xylene	48.6		Limits: 20-122%		1	12/03/21 17:57		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89290**
Sample ID : **S-5 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 14:50**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**15.8**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89290**
Sample ID : **S-5 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 14:50**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0027	mg/Kg - dry	0.0027	0.0079	1	12/03/21 18:17	VIC	L587977
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:17	VIC	L587977
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:17	VIC	L587977
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:17	VIC	L587977
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:17	VIC	L587977
Aroclor 1254	**0.0524**	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:17	VIC	L587977
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0079	1	12/03/21 18:17	VIC	L587977
Surrogate: Decachlorobiphenyl	36.1		Limits: 17-141%		1	12/03/21 18:17		L587977
Surrogate: Tetrachloro-m-xylene	50.4		Limits: 20-122%		1	12/03/21 18:17		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89291**
Sample ID : **S-5 (6')**

Matrix: **Solids**
Sampled: **11/22/2021 15:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**17.4**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89291**
Sample ID : **S-5 (6')**

Matrix: **Solids**
Sampled: **11/22/2021 15:00**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/03/21 18:36	VIC	L587977
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/03/21 18:36	VIC	L587977
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/03/21 18:36	VIC	L587977
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/03/21 18:36	VIC	L587977
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/03/21 18:36	VIC	L587977
Aroclor 1254	**0.0905**	mg/Kg - dry	0.0026	0.0080	1	12/03/21 18:36	VIC	L587977
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/03/21 18:36	VIC	L587977
Surrogate: Decachlorobiphenyl	38.6		Limits: 17-141%		1	12/03/21 18:36		L587977
Surrogate: Tetrachloro-m-xylene	52.3		Limits: 20-122%		1	12/03/21 18:36		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89292**
Sample ID : **S-6 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:10**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**15.7**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89292**
Sample ID : **S-6 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:10**

Analytical Method: 8082A **Prep Batch(es):** **L587774** 12/02/21 16:08
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0027	mg/Kg - dry	0.0027	0.0079	1	12/03/21 18:56	VIC	L587977
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:56	VIC	L587977
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:56	VIC	L587977
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:56	VIC	L587977
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/03/21 18:56	VIC	L587977
Aroclor 1254	**8.03**	mg/Kg - dry	0.263	0.791	100	12/06/21 14:03	VIC	L587977
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0079	1	12/03/21 18:56	VIC	L587977
Surrogate: Decachlorobiphenyl	99.0		Limits: 17-141%		1	12/03/21 18:56		L587977
Surrogate: Tetrachloro-m-xylene	42.5		Limits: 20-122%		1	12/03/21 18:56		L587977

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89293**
Sample ID : **S-6 (3')**

Matrix: **Solids**
Sampled: **11/22/2021 12:20**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**28.2**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89293**
Sample ID : **S-6 (3')**

Matrix: **Solids**
Sampled: **11/22/2021 12:20**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0325	mg/Kg - dry	0.0325	0.0928	10	12/03/21 20:56	VIC	L588251
Aroclor 1221	<0.0309	mg/Kg - dry	0.0309	0.0928	10	12/03/21 20:56	VIC	L588251
Aroclor 1232	<0.0309	mg/Kg - dry	0.0309	0.0928	10	12/03/21 20:56	VIC	L588251
Aroclor 1242	<0.0309	mg/Kg - dry	0.0309	0.0928	10	12/03/21 20:56	VIC	L588251
Aroclor 1248	<0.0309	mg/Kg - dry	0.0309	0.0928	10	12/03/21 20:56	VIC	L588251
Aroclor 1254	**1.53**	mg/Kg - dry	0.0309	0.0928	10	12/03/21 20:56	VIC	L588251
Aroclor 1260	<0.0330	mg/Kg - dry	0.0330	0.0928	10	12/03/21 20:56	VIC	L588251
Surrogate: Decachlorobiphenyl	92.8		Limits: 17-141%		10	12/03/21 20:56		L588251
Surrogate: Tetrachloro-m-xylene	47.3		Limits: 20-122%		10	12/03/21 20:56		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89294**
Sample ID : **S-7 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:45**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**25.0**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89294**
Sample ID : **S-7 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:45**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0031	mg/Kg - dry	0.0031	0.0088	1	12/03/21 21:18	VIC	L588251
Aroclor 1221	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 21:18	VIC	L588251
Aroclor 1232	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 21:18	VIC	L588251
Aroclor 1242	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 21:18	VIC	L588251
Aroclor 1248	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 21:18	VIC	L588251
Aroclor 1254	**0.0178**	mg/Kg - dry	0.0029	0.0088	1	12/03/21 21:18	VIC	L588251
Aroclor 1260	<0.0031	mg/Kg - dry	0.0031	0.0088	1	12/03/21 21:18	VIC	L588251
Surrogate: Decachlorobiphenyl	116		Limits: 17-141%		1	12/03/21 21:18		L588251
Surrogate: Tetrachloro-m-xylene	58.1		Limits: 20-122%		1	12/03/21 21:18		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89295**
Sample ID : **S-7 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 13:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**25.9**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89295**
Sample ID : **S-7 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 13:00**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0031	mg/Kg - dry	0.0031	0.0090	1	12/03/21 21:42	VIC	L588251
Aroclor 1221	<0.0029	mg/Kg - dry	0.0029	0.0090	1	12/03/21 21:42	VIC	L588251
Aroclor 1232	<0.0029	mg/Kg - dry	0.0029	0.0090	1	12/03/21 21:42	VIC	L588251
Aroclor 1242	<0.0029	mg/Kg - dry	0.0029	0.0090	1	12/03/21 21:42	VIC	L588251
Aroclor 1248	<0.0029	mg/Kg - dry	0.0029	0.0090	1	12/03/21 21:42	VIC	L588251
Aroclor 1254	<0.0029	mg/Kg - dry	0.0029	0.0090	1	12/03/21 21:42	VIC	L588251
Aroclor 1260	<0.0031	mg/Kg - dry	0.0031	0.0090	1	12/03/21 21:42	VIC	L588251
Surrogate: Decachlorobiphenyl	46.5		Limits: 17-141%		1	12/03/21 21:42		L588251
Surrogate: Tetrachloro-m-xylene	47.7		Limits: 20-122%		1	12/03/21 21:42		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89296**
Sample ID : **S-8 (2')**

Matrix: **Solids**
Sampled: **11/23/2021 9:50**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**18.9**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89296**
Sample ID : **S-8 (2')**

Matrix: **Solids**
Sampled: **11/23/2021 9:50**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0028	mg/Kg - dry	0.0028	0.0082	1	12/03/21 22:05	VIC	L588251
Aroclor 1221	<0.0027	mg/Kg - dry	0.0027	0.0082	1	12/03/21 22:05	VIC	L588251
Aroclor 1232	<0.0027	mg/Kg - dry	0.0027	0.0082	1	12/03/21 22:05	VIC	L588251
Aroclor 1242	<0.0027	mg/Kg - dry	0.0027	0.0082	1	12/03/21 22:05	VIC	L588251
Aroclor 1248	<0.0027	mg/Kg - dry	0.0027	0.0082	1	12/03/21 22:05	VIC	L588251
Aroclor 1254	<0.0027	mg/Kg - dry	0.0027	0.0082	1	12/03/21 22:05	VIC	L588251
Aroclor 1260	<0.0029	mg/Kg - dry	0.0029	0.0082	1	12/03/21 22:05	VIC	L588251
Surrogate: Decachlorobiphenyl	40.2		Limits: 17-141%		1	12/03/21 22:05		L588251
Surrogate: Tetrachloro-m-xylene	54.8		Limits: 20-122%		1	12/03/21 22:05		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track

Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89297**
Sample ID : **S-8 (5')**

Matrix: **Solids**
Sampled: **11/23/2021 10:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**24.7**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89297**
Sample ID : **S-8 (5')**

Matrix: **Solids**
Sampled: **11/23/2021 10:00**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0031	mg/Kg - dry	0.0031	0.0088	1	12/03/21 22:27	VIC	L588251
Aroclor 1221	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 22:27	VIC	L588251
Aroclor 1232	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 22:27	VIC	L588251
Aroclor 1242	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 22:27	VIC	L588251
Aroclor 1248	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 22:27	VIC	L588251
Aroclor 1254	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/03/21 22:27	VIC	L588251
Aroclor 1260	<0.0031	mg/Kg - dry	0.0031	0.0088	1	12/03/21 22:27	VIC	L588251
Surrogate: Decachlorobiphenyl	48.4		Limits: 17-141%		1	12/03/21 22:27		L588251
Surrogate: Tetrachloro-m-xylene	65.5		Limits: 20-122%		1	12/03/21 22:27		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89298**
Sample ID : **S-9 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:20**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**43.7**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89298**
Sample ID : **S-9 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:20**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0415	mg/Kg - dry	0.0415	0.118	10	12/03/21 22:49	VIC	L588251
Aroclor 1221	<0.0394	mg/Kg - dry	0.0394	0.118	10	12/03/21 22:49	VIC	L588251
Aroclor 1232	<0.0394	mg/Kg - dry	0.0394	0.118	10	12/03/21 22:49	VIC	L588251
Aroclor 1242	<0.0394	mg/Kg - dry	0.0394	0.118	10	12/03/21 22:49	VIC	L588251
Aroclor 1248	<0.0394	mg/Kg - dry	0.0394	0.118	10	12/03/21 22:49	VIC	L588251
Aroclor 1254	**0.813**	mg/Kg - dry	0.0394	0.118	10	12/03/21 22:49	VIC	L588251
Aroclor 1260	<0.0420	mg/Kg - dry	0.0420	0.118	10	12/03/21 22:49	VIC	L588251
Surrogate: Decachlorobiphenyl	32.8		Limits: 17-141%		10	12/03/21 22:49		L588251
Surrogate: Tetrachloro-m-xylene	47.9		Limits: 20-122%		10	12/03/21 22:49		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89299**
Sample ID : **S-9 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 14:30**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**66.3**	%			1	12/02/21 16:06	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89299**
Sample ID : **S-9 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 14:30**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0388	mg/Kg - dry	0.0388	0.110	1	12/03/21 23:11	VIC	L588251
Aroclor 1221	<0.0367	mg/Kg - dry	0.0367	0.110	1	12/03/21 23:11	VIC	L588251
Aroclor 1232	<0.0367	mg/Kg - dry	0.0367	0.110	1	12/03/21 23:11	VIC	L588251
Aroclor 1242	<0.0367	mg/Kg - dry	0.0367	0.110	1	12/03/21 23:11	VIC	L588251
Aroclor 1248	<0.0367	mg/Kg - dry	0.0367	0.110	1	12/03/21 23:11	VIC	L588251
Aroclor 1254	**0.712**	mg/Kg - dry	0.0367	0.110	1	12/03/21 23:11	VIC	L588251
Aroclor 1260	<0.0391	mg/Kg - dry	0.0391	0.110	1	12/03/21 23:11	VIC	L588251
Surrogate: Decachlorobiphenyl	49.6		Limits: 17-141%		1	12/03/21 23:11		L588251
Surrogate: Tetrachloro-m-xylene	72.2		Limits: 20-122%		1	12/03/21 23:11		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89300**
Sample ID : **S-10 (2')**

Matrix: **Solids**
Sampled: **11/23/2021 9:55**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**13.7**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89300**
Sample ID : **S-10 (2')**

Matrix: **Solids**
Sampled: **11/23/2021 9:55**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0027	mg/Kg - dry	0.0027	0.0077	1	12/03/21 23:33	VIC	L588251
Aroclor 1221	<0.0025	mg/Kg - dry	0.0025	0.0077	1	12/03/21 23:33	VIC	L588251
Aroclor 1232	<0.0025	mg/Kg - dry	0.0025	0.0077	1	12/03/21 23:33	VIC	L588251
Aroclor 1242	<0.0025	mg/Kg - dry	0.0025	0.0077	1	12/03/21 23:33	VIC	L588251
Aroclor 1248	<0.0025	mg/Kg - dry	0.0025	0.0077	1	12/03/21 23:33	VIC	L588251
Aroclor 1254	**0.0128**	mg/Kg - dry	0.0025	0.0077	1	12/03/21 23:33	VIC	L588251
Aroclor 1260	<0.0027	mg/Kg - dry	0.0027	0.0077	1	12/03/21 23:33	VIC	L588251
Surrogate: Decachlorobiphenyl	45.6		Limits: 17-141%		1	12/03/21 23:33		L588251
Surrogate: Tetrachloro-m-xylene	58.9		Limits: 20-122%		1	12/03/21 23:33		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89301**
Sample ID : **S-10 (4')**

Matrix: **Solids**
Sampled: **11/23/2021 10:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**14.6**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89301**
Sample ID : **S-10 (4')**

Matrix: **Solids**
Sampled: **11/23/2021 10:00**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0027	mg/Kg - dry	0.0027	0.0078	1	12/03/21 23:55	VIC	L588251
Aroclor 1221	<0.0025	mg/Kg - dry	0.0025	0.0078	1	12/03/21 23:55	VIC	L588251
Aroclor 1232	<0.0025	mg/Kg - dry	0.0025	0.0078	1	12/03/21 23:55	VIC	L588251
Aroclor 1242	<0.0025	mg/Kg - dry	0.0025	0.0078	1	12/03/21 23:55	VIC	L588251
Aroclor 1248	<0.0025	mg/Kg - dry	0.0025	0.0078	1	12/03/21 23:55	VIC	L588251
Aroclor 1254	<0.0025	mg/Kg - dry	0.0025	0.0078	1	12/03/21 23:55	VIC	L588251
Aroclor 1260	<0.0027	mg/Kg - dry	0.0027	0.0078	1	12/03/21 23:55	VIC	L588251
Surrogate: Decachlorobiphenyl	47.5		Limits: 17-141%		1	12/03/21 23:55		L588251
Surrogate: Tetrachloro-m-xylene	63.3		Limits: 20-122%		1	12/03/21 23:55		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89302**
Sample ID : **S-10 (6')**

Matrix: **Solids**
Sampled: **11/23/2021 10:05**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**17.3**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89302**
Sample ID : **S-10 (6')**

Matrix: **Solids**
Sampled: **11/23/2021 10:05**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/04/21 00:17	VIC	L588251
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 00:17	VIC	L588251
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 00:17	VIC	L588251
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 00:17	VIC	L588251
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 00:17	VIC	L588251
Aroclor 1254	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 00:17	VIC	L588251
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/04/21 00:17	VIC	L588251
Surrogate: Decachlorobiphenyl	44.7		Limits: 17-141%		1	12/04/21 00:17		L588251
Surrogate: Tetrachloro-m-xylene	68.3		Limits: 20-122%		1	12/04/21 00:17		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89303**
Sample ID : **S-11 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 11:50**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**45.5**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89303**
Sample ID : **S-11 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 11:50**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0042	mg/Kg - dry	0.0042	0.0122	1	12/04/21 00:39	VIC	L588251
Aroclor 1221	<0.0040	mg/Kg - dry	0.0040	0.0122	1	12/04/21 00:39	VIC	L588251
Aroclor 1232	<0.0040	mg/Kg - dry	0.0040	0.0122	1	12/04/21 00:39	VIC	L588251
Aroclor 1242	<0.0040	mg/Kg - dry	0.0040	0.0122	1	12/04/21 00:39	VIC	L588251
Aroclor 1248	<0.0040	mg/Kg - dry	0.0040	0.0122	1	12/04/21 00:39	VIC	L588251
Aroclor 1254	**0.182**	mg/Kg - dry	0.0040	0.0122	1	12/04/21 00:39	VIC	L588251
Aroclor 1260	<0.0043	mg/Kg - dry	0.0043	0.0122	1	12/04/21 00:39	VIC	L588251
Surrogate: Decachlorobiphenyl	44.7		Limits: 17-141%		1	12/04/21 00:39		L588251
Surrogate: Tetrachloro-m-xylene	60.1		Limits: 20-122%		1	12/04/21 00:39		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89304**
Sample ID : **S-11 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 11:55**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**23.2**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89304**
Sample ID : **S-11 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 11:55**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0030	mg/Kg - dry	0.0030	0.0086	1	12/04/21 01:02	VIC	L588251
Aroclor 1221	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/04/21 01:02	VIC	L588251
Aroclor 1232	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/04/21 01:02	VIC	L588251
Aroclor 1242	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/04/21 01:02	VIC	L588251
Aroclor 1248	<0.0028	mg/Kg - dry	0.0028	0.0086	1	12/04/21 01:02	VIC	L588251
Aroclor 1254	**0.288**	mg/Kg - dry	0.0028	0.0086	1	12/04/21 01:02	VIC	L588251
Aroclor 1260	<0.0030	mg/Kg - dry	0.0030	0.0086	1	12/04/21 01:02	VIC	L588251
Surrogate: Decachlorobiphenyl	47.9		Limits: 17-141%		1	12/04/21 01:02		L588251
Surrogate: Tetrachloro-m-xylene	66.3		Limits: 20-122%		1	12/04/21 01:02		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89305**
Sample ID : **S-12 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:40**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**27.4**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89305**
Sample ID : **S-12 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 12:40**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0032	mg/Kg - dry	0.0032	0.0091	1	12/04/21 01:24	VIC	L588251
Aroclor 1221	<0.0030	mg/Kg - dry	0.0030	0.0091	1	12/04/21 01:24	VIC	L588251
Aroclor 1232	<0.0030	mg/Kg - dry	0.0030	0.0091	1	12/04/21 01:24	VIC	L588251
Aroclor 1242	<0.0030	mg/Kg - dry	0.0030	0.0091	1	12/04/21 01:24	VIC	L588251
Aroclor 1248	<0.0030	mg/Kg - dry	0.0030	0.0091	1	12/04/21 01:24	VIC	L588251
Aroclor 1254	**0.0146**	mg/Kg - dry	0.0030	0.0091	1	12/04/21 01:24	VIC	L588251
Aroclor 1260	<0.0032	mg/Kg - dry	0.0032	0.0091	1	12/04/21 01:24	VIC	L588251
Surrogate: Decachlorobiphenyl	44.3		Limits: 17-141%		1	12/04/21 01:24		L588251
Surrogate: Tetrachloro-m-xylene	65.0		Limits: 20-122%		1	12/04/21 01:24		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track

Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89306**
Sample ID : **S-12 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 13:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**24.8**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89306**
Sample ID : **S-12 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 13:00**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0031	mg/Kg - dry	0.0031	0.0088	1	12/04/21 01:47	VIC	L588251
Aroclor 1221	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/04/21 01:47	VIC	L588251
Aroclor 1232	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/04/21 01:47	VIC	L588251
Aroclor 1242	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/04/21 01:47	VIC	L588251
Aroclor 1248	<0.0029	mg/Kg - dry	0.0029	0.0088	1	12/04/21 01:47	VIC	L588251
Aroclor 1254	**0.0184**	mg/Kg - dry	0.0029	0.0088	1	12/04/21 01:47	VIC	L588251
Aroclor 1260	<0.0031	mg/Kg - dry	0.0031	0.0088	1	12/04/21 01:47	VIC	L588251
Surrogate: Decachlorobiphenyl	48.4		Limits: 17-141%		1	12/04/21 01:47		L588251
Surrogate: Tetrachloro-m-xylene	62.6		Limits: 20-122%		1	12/04/21 01:47		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track

Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89307**
Sample ID : **S-13 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:00**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**17.6**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89307**
Sample ID : **S-13 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:00**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/04/21 02:09	VIC	L588251
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:09	VIC	L588251
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:09	VIC	L588251
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:09	VIC	L588251
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:09	VIC	L588251
Aroclor 1254	**0.0129**	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:09	VIC	L588251
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/04/21 02:09	VIC	L588251
Surrogate: Decachlorobiphenyl	31.1		Limits: 17-141%		1	12/04/21 02:09		L588251
Surrogate: Tetrachloro-m-xylene	51.8		Limits: 20-122%		1	12/04/21 02:09		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track
Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89308**
Sample ID : **S-13 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 14:15**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**17.0**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89308**
Sample ID : **S-13 (5')**

Matrix: **Solids**
Sampled: **11/22/2021 14:15**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/04/21 02:31	VIC	L588251
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:31	VIC	L588251
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:31	VIC	L588251
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:31	VIC	L588251
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:31	VIC	L588251
Aroclor 1254	**0.0238**	mg/Kg - dry	0.0026	0.0080	1	12/04/21 02:31	VIC	L588251
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0080	1	12/04/21 02:31	VIC	L588251
Surrogate: Decachlorobiphenyl	43.5		Limits: 17-141%		1	12/04/21 02:31		L588251
Surrogate: Tetrachloro-m-xylene	60.8		Limits: 20-122%		1	12/04/21 02:31		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89309**
Sample ID : **S-14 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:35**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**16.4**	%			1	12/02/21 16:15	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89309**
Sample ID : **S-14 (2')**

Matrix: **Solids**
Sampled: **11/22/2021 14:35**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0027	mg/Kg - dry	0.0027	0.0079	1	12/04/21 03:37	VIC	L588251
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 03:37	VIC	L588251
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 03:37	VIC	L588251
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 03:37	VIC	L588251
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 03:37	VIC	L588251
Aroclor 1254	**0.0883**	mg/Kg - dry	0.0026	0.0079	1	12/04/21 03:37	VIC	L588251
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0079	1	12/04/21 03:37	VIC	L588251
Surrogate: Decachlorobiphenyl	59.8		Limits: 17-141%		1	12/04/21 03:37		L588251
Surrogate: Tetrachloro-m-xylene	74.4		Limits: 20-122%		1	12/04/21 03:37		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89310**
Sample ID : **S-14 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 14:40**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**12.2**	%			1	12/02/21 13:35	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89310**
Sample ID : **S-14 (4')**

Matrix: **Solids**
Sampled: **11/22/2021 14:40**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0266	mg/Kg - dry	0.0266	0.0759	10	12/04/21 03:59	VIC	L588251
Aroclor 1221	<0.0252	mg/Kg - dry	0.0252	0.0759	10	12/04/21 03:59	VIC	L588251
Aroclor 1232	<0.0252	mg/Kg - dry	0.0252	0.0759	10	12/04/21 03:59	VIC	L588251
Aroclor 1242	<0.0252	mg/Kg - dry	0.0252	0.0759	10	12/04/21 03:59	VIC	L588251
Aroclor 1248	<0.0252	mg/Kg - dry	0.0252	0.0759	10	12/04/21 03:59	VIC	L588251
Aroclor 1254	<0.0252	mg/Kg - dry	0.0252	0.0759	10	12/04/21 03:59	VIC	L588251
Aroclor 1260	<0.0269	mg/Kg - dry	0.0269	0.0759	10	12/04/21 03:59	VIC	L588251
Surrogate: Decachlorobiphenyl	55.1		Limits: 17-141%		10	12/04/21 03:59		L588251
Surrogate: Tetrachloro-m-xylene	66.2		Limits: 20-122%		10	12/04/21 03:59		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Project Charlotte Wye Track
Information :

Report Date : 12/07/2021
Received : 11/23/2021

Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89311**
Sample ID : **S-14 (6')**

Matrix: **Solids**
Sampled: **11/22/2021 14:45**

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	**16.4**	%			1	12/02/21 13:35	FMM	SW-DRYWT

Qualifiers/ Definitions

DF Dilution Factor
MQL Method Quantitation Limit
L Limit Exceeded

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Information :

Report Date : 12/07/2021
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Report Number : **21-327-0004**

REPORT OF ANALYSIS

Lab No : **89311**
Sample ID : **S-14 (6')**

Matrix: **Solids**
Sampled: **11/22/2021 14:45**

Analytical Method: 8082A **Prep Batch(es):** **L587839** 12/03/21 08:27
Prep Method: 3550C

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aroclor 1016	<0.0027	mg/Kg - dry	0.0027	0.0079	1	12/04/21 04:21	VIC	L588251
Aroclor 1221	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 04:21	VIC	L588251
Aroclor 1232	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 04:21	VIC	L588251
Aroclor 1242	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 04:21	VIC	L588251
Aroclor 1248	<0.0026	mg/Kg - dry	0.0026	0.0079	1	12/04/21 04:21	VIC	L588251
Aroclor 1254	**0.0125**	mg/Kg - dry	0.0026	0.0079	1	12/04/21 04:21	VIC	L588251
Aroclor 1260	<0.0028	mg/Kg - dry	0.0028	0.0079	1	12/04/21 04:21	VIC	L588251
Surrogate: Decachlorobiphenyl	43.6		Limits: 17-141%		1	12/04/21 04:21		L588251
Surrogate: Tetrachloro-m-xylene	60.8		Limits: 20-122%		1	12/04/21 04:21		L588251

Qualifiers/ Definitions DF Dilution Factor MQL Method Quantitation Limit

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Quality Control Data

Client ID: Mid-Atlantic Associates, Inc. - Charlotte
Project Description: Charlotte Wye Track
Report No: 21-327-0004

QC Prep: L587774
QC Prep Batch Method: 3550C
QC Analytical Batch(es): L587977
Analysis Method: 8082A
Analysis Description: Polychlorinated Biphenyls (PCB's)

Lab Reagent Blank LRB-L587774 Matrix: SOL
Associated Lab Samples: 89281, 89282, 89283, 89284, 89285, 89286, 89287, 89288, 89289, 89290, 89291, 89292

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Aroclor 1016	mg/Kg	<0.0023	0.0023	0.0066	12/03/21 13:33		
Aroclor 1221	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 13:33		
Aroclor 1232	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 13:33		
Aroclor 1242	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 13:33		
Aroclor 1248	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 13:33		
Aroclor 1254	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 13:33		
Aroclor 1260	mg/Kg	<0.0023	0.0023	0.0066	12/03/21 13:33		
Decachlorobiphenyl (S)					12/03/21 13:33	51.5	17-141
Tetrachloro-m-xylene (S)					12/03/21 13:33	61.5	20-122

Laboratory Control Sample LCS-L587774

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Aroclor 1016	mg/Kg	0.167	0.150	89.8	25-125
Aroclor 1260	mg/Kg	0.167	0.130	77.8	25-125
Decachlorobiphenyl (S)				56.5	17-141
Tetrachloro-m-xylene (S)				73.0	20-122

Matrix Spike & Matrix Spike Duplicate V 89281-MS-L587774 V 89281-MSD-L587774

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Aroclor 1016	mg/Kg	<0.0023	0.163	0.163	0.176	0.184	108	113	25-125	4.4	30
Aroclor 1260	mg/Kg	<0.0023	0.163	0.163	0.131	0.130	80.3	79.7	25-125	0.7	30
Decachlorobiphenyl (S)							36.1	37.2	17-141		
Tetrachloro-m-xylene (S)							48.5	54.8	20-122		

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Quality Control Data

Client ID: **Mid-Atlantic Associates, Inc. - Charlotte**
Project Description: **Charlotte Wye Track**
Report No: **21-327-0004**

QC Prep: L587839
QC Prep Batch Method: 3550C
QC Analytical Batch(es): L588251
Analysis Method: 8082A
Analysis Description: Polychlorinated Biphenyls (PCB's)

Lab Reagent Blank LRB-L587839 Matrix: SOL

Associated Lab Samples: 89293, 89294, 89295, 89296, 89297, 89298, 89299, 89300, 89301, 89302, 89303, 89304, 89305, 89306, 89307, 89308, 89309, 89310, 89311

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Aroclor 1016	mg/Kg	<0.0023	0.0023	0.0066	12/03/21 19:28		
Aroclor 1221	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 19:28		
Aroclor 1232	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 19:28		
Aroclor 1242	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 19:28		
Aroclor 1248	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 19:28		
Aroclor 1254	mg/Kg	<0.0022	0.0022	0.0066	12/03/21 19:28		
Aroclor 1260	mg/Kg	<0.0023	0.0023	0.0066	12/03/21 19:28		
Decachlorobiphenyl (S)					12/03/21 19:28	60.5	17-141
Tetrachloro-m-xylene (S)					12/03/21 19:28	69.0	20-122

Laboratory Control Sample LCS-L587839

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Aroclor 1016	mg/Kg	0.167	0.125	74.8	25-125
Aroclor 1260	mg/Kg	0.167	0.135	80.8	25-125
Decachlorobiphenyl (S)				56.5	17-141
Tetrachloro-m-xylene (S)				74.0	20-122

Matrix Spike & Matrix Spike Duplicate V 89293-MS-L587839 V 89293-MSD-L587839

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Aroclor 1016	mg/Kg	<0.0234	0.166	0.166	0.663	0.794	399*	478*	25-125	17.9	30
Aroclor 1260	mg/Kg	<0.0237	0.166	0.166	1.43	1.67	861*	1010*	25-125	15.4	30
Decachlorobiphenyl (S)							46.9	94.3	17-141		
Tetrachloro-m-xylene (S)							51.7	35.8	20-122		

* QC Fail

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Quality Control Data

Client ID: **Mid-Atlantic Associates, Inc. - Charlotte**
Project Description: **Charlotte Wye Track**
Report No: **21-327-0004**

QC Analytical Batch: L587517
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate L 89391-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	62.4	64.5	3.3	20.0	12/01/21 16:52

449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Quality Control Data

Client ID: **Mid-Atlantic Associates, Inc. - Charlotte**
Project Description: **Charlotte Wye Track**
Report No: **21-327-0004**

QC Analytical Batch: L587621
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate V 89290-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	15.8	15.5	1.9	20.0	12/02/21 16:06

Waypoint ANALYTICAL
449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Quality Control Data

Client ID: **Mid-Atlantic Associates, Inc. - Charlotte**
Project Description: **Charlotte Wye Track**
Report No: **21-327-0004**

QC Analytical Batch: L587623
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate V 89300-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	13.7	14.6	6.3	20.0	12/02/21 16:15

449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Quality Control Data

Client ID: **Mid-Atlantic Associates, Inc. - Charlotte**
Project Description: **Charlotte Wye Track**
Report No: **21-327-0004**

QC Analytical Batch: L587709
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate V 89310-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	12.2	11.8	3.3	20.0	12/02/21 13:35

Waypoint ANALYTICAL
449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Shipment Receipt Form

Customer Number: **01138**
Customer Name: **Mid-Atlantic Associates, Inc. - Charlotte**
Report Number: **21-327-0004**

Shipping Method

○ Fed Ex	○ US Postal	○ Lab	○ Other :	
○ UPS	● Client	○ Courier	Thermometer ID:	IRT-15 4.7 C

Shipping container/cooler uncompromised?	● Yes	○ No	
Number of coolers/boxes received	2		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	● Not Present
Custody seals intact on sample bottles?	○ Yes	○ No	● Not Present
Chain of Custody (COC) present?	● Yes	○ No	
COC agrees with sample label(s)?	● Yes	○ No	
COC properly completed	● Yes	○ No	
Samples in proper containers?	● Yes	○ No	
Sample containers intact?	● Yes	○ No	
Sufficient sample volume for indicated test(s)?	● Yes	○ No	
All samples received within holding time?	● Yes	○ No	
Cooler temperature in compliance?	● Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	
Water - Sample containers properly preserved	● Yes	○ No	○ N/A
Water - VOA vials free of headspace	○ Yes	○ No	● N/A
Trip Blanks received with VOAs	○ Yes	○ No	● N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	● No

Comments:

Signature: Sarah J. Locklear Date & Time: 11/23/2021 11:15:29

CHAIN OF CUSTODY RECORD

Waypoint ANALYTICAL
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 4 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: Mid Atlantic Associate
Report To/Contact Name: Troy Holzschuh
Reporting Address: 1125 E Morehead
Charlotte NC 27405
Phone: 980-585-1271 Fax (Yes)(No):
Email Address: tholzschuh@maaonline.com
EDD Type: PDF ✓ Excel Other
Site Location Name: Charlotte Wye Track
Site Location Physical Address: 3600 Primrose
Charlotte NC

Project Name: Charlotte Wye Track
Short Hold Analysis (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Beverly Ogelsby
Address: 409 Rogers View Ct
Raleigh NC 27610
Purchase Order No./Billing Reference

Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ✓ Standard 10 days ❑ Rush Work Must Be Pre Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY WAYPOINT ANALYTICAL, LLC TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received IN ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IRT-15 Observed 4.7 °C /Corr. 4.7 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NC_____ SC_____
Other_____ N/A_____
Water Chlorinated: YES___ NO___
Samples Iced Upon Collection: YES___NO___

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER, OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSIS REQUESTED PCB	REMARKS	ID NO.
S-1 (2')	11-22-21	1140	Soil	G	1	8oz	None	X		
S-1 (4')		1150						X		
S-2 (2')		1220						X		
S-2 (4')		1222						X		
S-3 (2')		1320						X		
S-3 (5')		1340						X		
S-4 (2')		1400						X		
S-4 (5')		1410						X		
S-5 (2')		1440						X		

21-327-0004
01138
11-23-2021
11:13:49
Mid-Atlantic Associates, Inc. - Charlotte
Charlotte Wye Track

PRESS DOWN FIRMLY - 2 COPIES

Sampler's Signature [signature] Sampled By (Print Name) Troy Holzschuh / Carson Moore Affiliation MAA

Upon relinquishing, this Chain of Custody is your authorization for Waypoint Analytical to proceed with the analyses as requested above. Any changes must be submitted in writing to the Waypoint Analytical Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)	Received By: (Signature)	Date	Military/Hours
[signature]		11-23-21	1104
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Waypoint Analytical By: [signature]	Date 11/23/21	1104

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
COC Group No.
❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Waypoint Analytical Field Service ❑ Other

Additional Comments:

LAB USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	BRWNFLD	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

CHAIN OF CUSTODY RECORD

Waypoint ANALYTICAL
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 2 OF 4 QUOTE # TO ENSURE PROPER BILLING:

Project Name: Charlotte Wye Track
Short Hold Analysis (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements QC Level II
Invoice To: Beverly Ogleby
Address: 409 Rogers View Ct Raleigh NC 27610
Purchase Order No./Billing Reference

Client Company Name: MAA
Report To/Contact Name: Troy Holzschuh
Reporting Address: 1125 E Morehead Charlotte, NC
Phone: 980-585-1272 Fax (Yes)(No):
Email Address: tholzschuh@maaonline.com
EDD Type: PDF ✓ Excel Other
Site Location Name: Charlotte Wye Track
Site Location Physical Address: 3600 Primrose

Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ☑ Standard 10 days ❑ Rush Work Must Be Pre Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY WAYPOINT ANALYTICAL, LLC TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received IN ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IR-T-15 Observed 4.7 °C /Corr. 4.7 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NC SC
Other N/A
Water Chlorinated: YES NO
Samples Iced Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER, OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSIS REQUESTED PCB	REMARKS	ID NO.
S-5 (4')	11-22-21	1450	Soil	G	1	8oz	None	X		
S-5 (6')		1500						X		
S-6 (2')		1210						X		
S-6 (3')		1220						X		
S-7 (2')		1245						X		
S-7 (4')	↓	1300						X		
S-8 (2')	11-23-21	950						X		
S-8 (5')	↓	1000						X		
S-9 (2')	11-22-21	1420	↓	↓	↓	↓	✓	X		

21-327-0004
01138
Mid-Atlantic Associates, Inc. - Charlotte
Charlotte Wye Track
11-23-2021
11:13:49

PRESS DOWN FIRMLY - 2 COPIES

Sampler's Signature Troy Holzschuh (Cameron Moore) Sampled By (Print Name) Troy L Holzschuh (Cameron Moore) Affiliation MAA

Upon relinquishing, this Chain of Custody is your authorization for Waypoint Analytical to proceed with the analyses as requested above. Any changes must be submitted in writing to the Waypoint Analytical Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) Troy Holzschuh	Received By: (Signature)	11-23-21	1104
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Waypoint Analytical By:	Date 11/23/21	1104

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

COC Group No.

❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Waypoint Analytical Field Service ❑ Other

Additional Comments:

LAB USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	BRWNFLD	LANDFILL	OTHER:
❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

CHAIN OF CUSTODY RECORD

Waypoint ANALYTICAL
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 3 OF 4 QUOTE # TO ENSURE PROPER BILLING:

Project Name: Charlotte
Short Hold Analysis (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: Beverly Oglesby
Address: 409 Rogers View Lt Raleigh NC
Purchase Order No./Billing Reference

Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ✓ Standard 10 days ❑ Rush Work Must Be Pre Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY WAYPOINT ANALYTICAL, LLC TO CLIENT)

Client Company Name: MAA
Report To/Contact Name: Troy Holzschuh
Reporting Address: 409 Rogers View Lt

Phone: 980-585-1271 Fax (Yes)(No):
Email Address: troyholzschuh@maaonline.com
EDD Type: PDF ✓ Excel Other
Site Location Name: Charlotte Wye Track
Site Location Physical Address: 3600 Primrose

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received IN ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IR1-15 Observed 4.7 °C /Corr. 4.7 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NC SC
Other N/A
Water Chlorinated: YES NO
Samples Iced Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER, OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED PLB	REMARKS	ID NO.
S-9 (5')	11-22-21	1430	Soil	G	1	8oz	None	X		
S-10 (2')	11-23-21	955						X		
S-10 (4')		1000						X		
S-10 (6')		1005						X		
S-11 (2')	11-22-21	1150						X		
S-11 (4')		1155						X		
S-12 (2')		1240						X		
S-12 (5')		1300						X		
S-13 (2')		1400						X		

21-327-0004
01138
11-23-2021
11:13:49
Mid-Atlantic Associates, Inc. - Charlotte
Charlotte Wye Track

PRESS DOWN FIRMLY - 2 COPIES

Sampler's Signature Troy Holzschuh Cameron Moore Sampled By (Print Name) Troy Holzschuh / Cameron Moore Affiliation MAA

Upon relinquishing, this Chain of Custody is your authorization for Waypoint Analytical to proceed with the analyses as requested above. Any changes must be submitted in writing to the Waypoint Analytical Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) Troy Holzschuh	Received By: (Signature)	11-23-21	1104
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Waypoint Analytical By:	Date 11/23/21	1104

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Waypoint Analytical Field Service ❑ Other

COC Group No.

Additional Comments:

LAB USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	BRWNFLD	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑	❑	❑	❑	❑	❑	❑	❑	❑

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

CHAIN OF CUSTODY RECORD

Waypoint ANALYTICAL
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 4 OF 4 QUOTE # TO ENSURE PROPER BILLING:

Project Name: Charlotte Wye Track
Short Hold Analysis (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL II III IV) provisions and/or QC Requirements

Client Company Name: MAA
Report To/Contact Name: Troy Holzschuh
Reporting Address: 1125 E Morehead Charlotte, NC
Phone: 980-585-1271 Fax (Yes)(No):
Email Address: tholzschuh@maaonline.com
EDD Type: PDF ✓ Excel Other
Site Location Name: Charlotte Wye Track
Site Location Physical Address: 3600 Primrose

Invoice To: Beverly Oglesby
Address: 409 Rogers View Ct Raleigh NC 27610
Purchase Order No./Billing Reference

Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days ☑ Standard 10 days ❑ Rush Work Must Be Pre Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY WAYPOINT ANALYTICAL, LLC TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received IN ICE?	✓		
PROPER PRESERVATIVES indicated?	✓		
Received WITHIN HOLDING TIMES?	✓		
CUSTODY SEALS INTACT?			✓
VOLATILES rec'd W/OUT HEADSPACE?			✓
PROPER CONTAINERS used?	✓		

TEMP: Therm ID: IR-15 Observed 4.7 °C /Corr. 4.7 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NC SC
Other N/A
Water Chlorinated: YES NO
Samples Iced Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER, OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED PCB	REMARKS	ID NO.
S-13 (5')	11-22-21	1415	Soil	G	1	8oz	None	X		
S-14 (2')		1435						X		
S-14 (4')		1440						X		
S-14 (6')		1445						X		

21-327-0004
01138
11-23-2021
11:13:49
Mid-Atlantic Associates, Inc. - Charlotte
Charlotte Wye Track

PRESS DOWN FIRMLY - 2 COPIES

Sampler's Signature Sampled By (Print Name) Troy Holzschuh/Cameron Moore Affiliation MAA

Upon relinquishing, this Chain of Custody is your authorization for Waypoint Analytical to proceed with the analyses as requested above. Any changes must be submitted in writing to the Waypoint Analytical Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	11-23-21	1104
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Waypoint Analytical By:	11/23/21	1104

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.
❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Waypoint Analytical Field Service ❑ Other
COC Group No.

Additional Comments:

LAB USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	BRWNFLD	LANDFILL	OTHER:
❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL