UST CLOSURE REPORT (UST-12 Format)

Monroe St. School, Salisbury NC

November 4, 2020

Cardno®

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Document Information

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1.0	10/19/2020	First draft	Thomas Causey	Brian Kvam, PG
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Report Signature

This report was overseen and/or performed by Cardno Geologist, Mr. Brian Kvam, P.G. (NC 2144). Mr. Kvam is a Professional Geologist (P.G.) with more than 20 years of experience in environmental practice. He has managed and/or otherwise been directly involved in hundreds of environmental site assessments during this period.

Brian Kvam, P.G., NC Reg. 2144 Senior Project Manager	11/04/2020 Date	Seal

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Commonly Used Acronyms

AAI	All Appropriate Inquiry
ABCA	Analysis of Brownfield Cleanup Alternatives
ACM	Asbestos Containing Material
AST	Aboveground Storage Tank
ASTM	American Society for Testing & Materials
BFA	Brownfield Agreement
BLS	Below Land Surface
Cardno	Cardno Inc.
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
EP	Environmental Professional
ERNS	Emergency Response Notification System
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ESI	Expanded Site Inspection
FOIA	Freedom of Information Act
FIRM	Flood Insurance Rate Map
IC	Institutional Controls
LBP	Lead-Based Paint
LUST	Leaking Underground Storage Tank
MSL	Mean Sea Level
NCBF	North Carolina Brownfield
NCDENR	North Carolina Department of Natural Resources
NCDEQ	North Carolina Department of Environmental Quality
NFRAP	No Further Remedial Action Plan
NPL	National Priority List
PA/SI	Preliminary Assessment/Site Inspection
PAH	Polynuclear Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PPB	Parts per Billion
PPM	Parts Per Million
PRG	Preliminary Remediation Goal
RACM	Regulated Asbestos Containing Material
RBC	Risk Based Concentrations
RBSL	Risk Based Screening Level
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SCGS	South Carolina Geologic Survey
SHWS	State Hazardous Waste Site
SWL	Solid Waste Facilities List
TAL	Target Analyte List

TMS	Tax Map Serial
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

Distribution List

This Phase II Environmental Site Assessment (ESA, UST-12 Format) for the Dunbar Center in East Spencer, North Carolina will be distributed to the following representatives:

- Cindy Nolan, Brownfields Project Officer, USEPA Region 4, 61 Forsyth Street SW, Atlanta, GA 30303, Phone: (404) 562-8425, Email: nolan.cindyj@epa.gov
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- Brian Kvam, PG, Cardno Field Team Leader, 1801 Lincoln St., Suite 301, Columbia, SC 29201, Phone: (803) 929-6071, Email: brian.kvam@cardno.com

Report Limitations

All work performed by Cardno was completed in accordance with the approved Site-specific Quality Assurance Project Plan (SSQAPP) and generally accepted professional practices related to the nature of the work accomplished, in the same or similar localities, and at the time the services were performed. This report is for the specific application to the referenced project and for the exclusive use of the City of Salisbury, North Carolina. Cardno accepts no liability related to site environmental impact, regardless of the date of impact findings or occurrence.

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A. Site Information

1. Site Identification

Date of Report: July 29, 2020

Facility ID: N/A UST Incident Number (if known): Unknown

Site Name: Monroe St. School
Site Street Address: 1100 West Monroe St.
City/Town: Salisbury Zip Code: 28144 County: Rowan

Description of Geographical Data Point (e.g. diesel fill port): Former school
Location Method (GPS, topographical map, other): Google Earth
Latitude (decimal degrees): 35.673665 Longitude: (decimal degrees): -80.484815

2. Information about Contacts Associated with the Leaking UST System (Addresses must include street, city, state, zip code, and mailing address, if different).

UST Owner: Livingstone College, Inc. (Pete Teague, Agent)
Address: 701 W. Monroe St., Salisbury, NC 28144 Tel: (704) 216-6982

UST Operator: Former Monroe St. School
Address: 1100 W. Monroe St., Salisbury, NC 28144 Tel: (704) 216-6982

Property Owner: Livingston College, Inc. (Pete Teague, Agent)
Address: 701 W. Monroe St., Salisbury, NC 28144 Tel: (704) 216-6982

Property Occupant: Unoccupied
Address: N/A Tel: N/A

Consultant/Contractor: Cardno, Inc. (Cardno)
Address: 1812 Lincoln St., Suite 301, Columbia, SC 29201 Tel: (803) 929-6060

Analytical Laboratory: Pace Analytical Services (Pace) State Certification No.: NC 40
Address: 12065 Lebanon Rd., Mount Juliet, TN 37122 Tel: 800-767-5859

3. Information about Release

Date Discovered: July 14, 2020

Estimate Quantity of Release: Unknown

Cause of Release: Unknown / leaking tanks

Source of Release (Dispenser/Piping/UST): USTs

Sizes and contents of UST system(s) from which release occurred: Potentially released from the removal of one (1) approximately 10,000-gallon capacity petroleum UST

B. Site History and Characterization

1. UST Owner and Operator Information

Per the North Carolina Department of Environmental Quality Underground Storage Tank Database (NCDEQ UST Database), the identified tank was not registered in the NCDEQ database. The tank was presumed to have been operated as part of the former Monroe St. School operation.

2. UST Information

During the course of a Phase I Environmental Site Assessment (ESA) conducted by Cardno December, 2016, Cardno personnel identified one (1) UST of unknown size near the southeastern corner of the Site. There were no records of a tank located at the site, according to available NCDEQ UST records. During tank closure and removal activities on July 14 - 15, 2020, Cardno confirmed the presence of one (1), approximately 10,000-gallon capacity UST, appearing to contain an unknown petroleum substance. The tank location, in relation to existing site structures, is shown on **Figure 3**. UST information is summarized in Tables B-1 and B-2.

3. Non-UST Information

No supply line piping appeared to have running from the UST, with the exception of vertical dispenser and extraction piping extending towards the ground surface, as well as one, (1), approximately 0.25-inch copper supply line spanning between the UST and the onsite boiler room, located at the southeastern corner of the school structure. No Above-Ground Storage Tanks (ASTs) were known to have existed at the site. No known releases from on-site or off-site activities are known to have occurred in the past. Although portions of the property have been utilized as office spaces, the UST system has presumably not been used since the Site's use as a school, which halted in approximately 20 years ago.

4. Description of Release

Until the removal of the USTs in July 2020, no known releases of petroleum were documented at the site. One (1) of the five (5) soil samples collected per the UST Closure Guidance and NCDEQ UST Guidance were reported to have concentrations of Total Petroleum Hydrocarbons (TPHs) greater than the 50 (GRO) and/or 100 (DRO) parts per million (ppm or mg/kg) regulatory criteria for determining a release occurrence. Once the results of the soil sampling were received, Cardno submitted a 24-Hour Release and UST Leak Reporting Form (attached in **Appendix B**).

As part of the Phase II ESA conducted in concert with this UST removal, five (5) additional soil borings were advanced throughout the vicinity of the UST. Three (3) of these soil borings were converted into shallow groundwater monitoring wells in order to collect samples and check groundwater quality. Monitoring wells MW-1 and MW-2 were installed side-gradient the UST system, and monitoring well MW-3 was installed down-gradient the UST system. A map depicting the locations of these boring/groundwater monitoring wells is presented as **Figures 3 and 4**.

Analytical results identified no contaminants above the NC 2L Standard within groundwater samples collected for analysis.

5. Site Characteristics

Site Location and Description

The subject property consists of an approximately 3.68 acre tract known as the Monroe St. School (site). The site is comprised of a one parcel (Tax PIN 008 068) located at 1100 West Monroe St., in a generally residential area of Salisbury, Rowan County, North Carolina. The site is currently vacant with remnants of the former school and associated greenspace and paved parking. A Site Location Map, consisting of the relevant portion of the United States Geological Survey (USGS) topographic map, Salisbury Quadrangle, is included as **Figure 1**. The aerial layout of the site and surrounding properties are depicted on **Figure 2**.

Site Vicinity and General Characteristics

The subject property is located along the northeastern edge of W. Monroe St., in Salisbury, NC, between its intersection with Lloyd St., and Partee St., and is zoned for commercial use. The subject property is currently is designated as a school. Residential properties are located to the north, east, and west (across South Long St.), and a local college (Livingstone University) is located to the southwest. There are no bodies of water present on the subject property, which drains into an unnamed tributary of Town Creek.

Current Use of the Property

The property is currently vacant. **Figure 2** contains an aerial view of the property in its current condition.

Descriptions of Structures, Roads, Other Improvements on the Site

The site is not secured, and can be accessed from the south via West Monroe St., from the west by Partee St., from the north via W. Horah St., and from the east via Lloyd St. The site is improved with approximately 60,000 square feet of asphalt parking area and approximately 13,000 square feet of an abandoned tennis/basketball court.

Topography

Cardno has reviewed the most current USGS Topographic Map covering the subject property (**Figure 1**). The purpose of this review is to evaluate the hydraulic conditions on the subject property and surrounding properties. It is not the purpose of this report to evaluate the geotechnical condition of the subject property; therefore, no geotechnical documents were examined.

According to the USGS topographic map Salisbury Quadrangle, the site features a gentle slope from north to south, with an average elevation of approximately 750 feet Mean Sea Level (MSL). Stormwater flow appears to follow that trend at the site and groundwater mimics the flow of stormwater across the property to the east and southeast toward an unnamed tributary of Town Creek.

Regional Geology

The site is located in the Charlotte Belt of the Piedmont Physiographic Province of North Carolina. The surficial geology consists of residual soils that have weathered in place from the parent bedrock. The surrounding topography consists of rolling hills and broad ridges. According to the 1985 Geologic Map of North Carolina, the regional bedrock generally consists of interbedded felsic to mafic tufts and flowrock, classified as a metavolcanic rock.

Hydrogeology

According to the USGS Groundwater Atlas of the United States, the primary aquifer system in the area of the subject property is the Piedmont Crystalline Rock Aquifer System. The system is composed principally of crystalline bedrock overlain by unconsolidated regolith. Included in the regolith are the following: a) saprolite, which is a layer of earthy, decomposed rock developed by weathering of the bedrock that is largest component of the regolith; b) soil that develops on the upper part of the saprolite; and c) alluvium, which is mainly confined to stream valleys. Typically, the regolith contains both saturated and unsaturated zones. Groundwater in the regolith is stored in and transmitted through openings (pores) between the soil and rock particles. Local flow systems exist within the regolith often providing preferential flow paths in coarser lenses and relic geological structural features in the weathered rock. The crystalline rocks underlying the regolith have an extremely low permeability and porosity. As a result, groundwater is typically found in interconnected vertical or horizontal fractures and within foliations in the rock itself.

Groundwater flow through the saprolite is generally controlled by primary and relic secondary porosity features. Secondary porosity features such as fractures, faults, and weathered zones dictate movement of groundwater in the transition zone. Groundwater movement is generally along short paths from interstream recharge areas to the nearest stream. Surficial groundwater flow direction in this region tends to mimic the overlying topography and is expected to have a predominate flow towards the southwest and south from the subject property.

Groundwater was not encountered in either of the UST basins during excavation. Subsequent to the UST removal action, and in concert with Cardno's Phase II ESA of the site, three (3) monitoring wells (MW-1 through MW-3) were installed in the vicinity of the UST in order to collect groundwater samples and groundwater elevation data. Groundwater was encountered in the wells between 12 and 15 feet below ground surface (bgs). Groundwater generally flows to the northwest.

Wetlands and Floodplains

According to the U.S Fish and Wildlife Service National Wetlands Inventory, no designated wetlands areas exist on the subject property (Source: http://www.fws.gov/wetlands/Data/Mapper.html).

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Number 3710577000J, the site is located in an area of minimal flood hazard.

C. Closure Procedure

1. Closure Preparations

The City of Salisbury contracted with Cardno to close the USTs at the site using funds from their EPA assessment grant. UST locations were ascertained via visual surface observations made via Cardno's site reconnaissance. The locations of the USTs are shown on **Figure 3**. Prior to beginning field activities and in accordance with EPA brownfield guidance, Cardno prepared a Site-specific Quality Assurance Project Plan (QAPP). The Site-specific QAPP was written to reflect the current NC DEQ UST guidance and reviewed and approved by EPA. Subsequent to QAPP approval Cardno submitted a *UST-3, Notice of Intent: UST Permanent Closure* (attached in **Appendix B**) to NC DEQ and called the North Carolina One Call Center (811) to request identification and marking of subsurface utilities at the site.

2. Procedures

Cardno provided in-house staff and contracted with Contaminant Control, Inc. (CCI), of Salisbury, North Carolina, to conduct UST removal activities. Personnel and equipment were mobilized to the site on July 15, 2020 to begin closure of the former UST system via removal from the ground. Using an excavator, the soil overburden was removed from on top of the tanks. Prior to removing the USTs, Cardno contracted with CCI to use a vacuum truck to remove fluids and residual petroleum products from the tanks. Once determined safe, access holes were cut into the tanks in order to facilitate cleaning any residual petroleum from the side walls, and to meet disposal criteria for the destination scrap yard. CCI used a pressure washer and vacuum hose to clean the tanks.

CCI used the excavator to remove the USTs from the subsurface and used a flatbed trailer to haul the tanks to a local scrap yard, owned by CCI. Subsequent to tank removal, Cardno personnel traced one product line from the UST to the boiler room positioned within the main onsite building. The lines were dug up and removed before disposal at CCI's facility.

The USTs showed no visible signs of pitting, corrosion, or holes. No staining was visible in either of the tank basins, though a slight petroleum odor was present in excavated soils from both basins. The identified product line was in good condition, and no obvious staining was noted in the soils. Photographs that document the UST closure are included in **Appendix A**, and a copy of the *UST-2, Site Investigation Report for Permanent Closure* is included in **Appendix B**. No free product was observed in the excavations.

3. Disposal

CCI removed a total of 507 gallons of petroleum-contact water and petroleum product and hauled the fluids to their disposal facility in Salisbury, North Carolina. The USTs

and associated piping were disposed of at CCI's facility in Salisbury, NC. Copies of disposal manifests and waste receipt tickets are included in **Appendix C**.

4. Soil Excavation Activities

Using an excavator, overburden soils were removed and stock piled on-site, to later be used as backfill in the excavations. Soil samples were collected from the base of the excavation per NC DEQ UST Guidance and sent to Pace Analytical Services (Pace) to be analyzed for TPH DRO / GRO. One (1) exceedance of the 50 (GRO) and 100 (DRO) mg/kg threshold were reported, occurring beneath the UST (UST B-1), and another along its product line. Overburden soils along with off-site soils were used to backfill the excavations.

D. Site Investigation

The following sections outline the methodology used for collecting the environmental samples and the results of the investigation at the site. A Sample Location Map depicting the locations of the soil samples and groundwater monitoring wells is included as **Figure 3**.

Any deviations or field variances from the scope of work (SOW) approved in Site-specific QAPP are detailed in the appropriate sections of this report. All soil boring installation, equipment decontamination, and sample collection activities were conducted in accordance with NC DEQ, USEPA Region 4 Science and Ecosystem Support Division (SESD) Field Branches Quality System and Technical Procedures, best practices, and the professional judgement of Cardno personnel. Assessment activities at the subject property included the collection of soil and groundwater samples for laboratory analysis to identify potential petroleum related compounds from the former UST system located at the site.

1. Field Screening

Soil samples were collected from the base of the UST and piping excavations per the sampling Site-specific QAPP and NC DEQ soil sampling guidance by grab sample. Soil samples were collected during the installation of the monitoring wells and olfactory observations were made.

2. Soil Sampling

Soil samples were collected by grab sample from the base of the UST and piping excavations.

UST Basin

Three (3) soil samples were collected from beneath the center line of the UST (UST B-1 through UST B-3). The tank was calculated to hold approximately 10,000 gallons and was approximately 8-feet in diameter and 18-feet long. Sample locations are shown on **Figure 3.** Samples collected were sent to Pace to be analyzed for TPH GRO/DRO.

Product Line

Two (2) soil samples were collected along the product lines/piping present between the onsite UST and boiler room. Sample locations are shown on **Figure 3** and are labelled as PL-1 and PL-2. Samples collected were sent to Pace to be analyzed for TPH GRO/DRO.

Careful handling of samples and equipment was observed throughout the sampling procedures to avoid cross contamination. Samples were kept at approximately four degrees centigrade (4° C) throughout the operation and during shipment to Pace for analysis. Chain of custody forms were maintained during the shipping and handling process to document sample integrity. Copies of these forms are included with the laboratory analytical reports in **Appendix D**.

Surrounding Area - Phase II ESA

Five (5) additional soil borings were advanced throughout the vicinity of the UST (MB-1 through MG-5). Six (6) samples, including a duplicate obtained from Soil Boring MB-3, were collected and sent to Pace to be analyzed for a combination of VOC, SVOCs, and RCRA 8 metals.

3. Groundwater Sampling

Three (3) monitoring wells (MW-1 through MW-3) were installed during the Phase II ESA activities. Subsequent to backfilling the UST excavations, a total of two (2) monitoring wells were installed sidegradient the UST (MW-1 and MW-2), the third well (MW-3) was installed in the downgradient portion of the property. The locations of the groundwater monitoring wells are depicted on **Figure 3**.

The monitoring wells were installed under the direct supervision of a North Carolina certified well driller, and all installation activities conformed to NC DEQ well standards and regulations. The monitoring wells were installed using a rotary drill rig propelling 4.25-inch inside diameter hollow-stem augers. The lithology encountered at each well location was recorded on soil boring logs, copies of which are included in **Appendix E**.

The groundwater monitoring wells were constructed using 2-inch diameter, Schedule 40, polyvinyl chloride (PVC) casing fitted with a 2-inch diameter, Schedule 40 PVC, factory milled, 0.01-inch slot size, screened section. The screened sections are 10-feet in length and were placed at depths that ensure the water table was bracketed with the majority of the screen submerged. After placing the well screen and riser in the borehole, an artificial filter pack was placed from the terminus of the borehole to between approximately one to two feet above the screened section, depending on the total depth of the well. The filter pack was followed by a bentonite seal and approximately six inches of grout to allow for the placement of a lockable steel protective casing around the riser and the completion of a six inch thick, two foot by two foot, concrete well pad. The steel protective casings have been fitted with a steel well tag providing, at a minimum, the well ID, total depth, screened interval, and date installed. As-built construction logs of the groundwater monitoring wells were generated upon installation and are included on the soil boring logs located in **Appendix E**.

Post installation, the monitoring wells were developed by over pumping and until clear, relatively sediment-free water was produced. The groundwater monitoring well locations and elevations were then surveyed by a North Carolina registered land surveyor.

Prior to sample collection, Cardno field personnel gauged the depth to groundwater at each location using an electronic water level meter capable of measuring the depth to the air/liquid interface to within +/- 0.01 foot and recorded the water level on the corresponding groundwater sampling field data sheet (included in **Appendix F**). Groundwater elevations were calculated at each of the groundwater monitoring wells by subtracting the depth to groundwater from the top of casing elevation, which had been measured relative to Mean Sea Level (MSL). The top of casing elevations, depth to groundwater measurements, and calculated groundwater elevations are summarized on **Table B-7**. The groundwater elevation data was used to generate a potentiometric surface map that has been included as **Figure 5**. Groundwater flow at the subject property is to toward the northwest with a calculated hydraulic gradient of approximately 0.036 feet/foot (ft/ft).

Groundwater samples were collected from each of these groundwater monitoring wells during the Phase II ESA. Groundwater samples were collected using a submersible pump and dedicated silicon and polyethylene tubing. The wells were purged and sampled using the low-flow sampling method. During purging, the groundwater field parameters temperature, pH, conductivity, dissolved oxygen (DO), and turbidity were measured and recorded on groundwater sampling field data sheets, copies of which are included in **Appendix F**. Once the field parameters had stabilized, groundwater samples were collected and placed in pre-preserved, laboratory prepared sample containers provided by Pace.

Careful handling of samples and equipment was observed throughout the sampling procedures to avoid cross contamination. Samples were kept at approximately four degrees centigrade (4° C) throughout the operation and during shipment to Pace for analysis. Chain of custody forms were maintained during the shipping and handling process to document sample integrity. Copies of these forms are included with the laboratory analytical reports in **Appendix D**.

4. QA/QC

The Generic QAPP and Site-specific QAPP Addendum for this assessment set forth the procedures and methods for data collection and defined the specific procedures and adjustments necessary to maintain data quality to support the project decision. The Phase II ESA required both field and laboratory checks to monitor conformance to project quality limits. Soil duplicates and field blanks were collected in order to help evaluate data quality. Cardno personnel donned new, clean nitrile gloves before and in between the collection of soil and groundwater samples. New, clean sample containers were provided by Pace.

5. Assessment Results

Soil

The soil analytical data generated during the Phase II ESA are provided in the laboratory analytical reports included in **Appendix D** and are presented in tabular form in **Table B-3** and shown on **Figure 4**.

Three (3) soil samples collected from the UST were analyzed for concentrations of TPH GRO/DRO in order to determine the gross presence of petroleum constituents greater than 50 (GRO) and 100 (DRO) mg/kg. The thresholds were exceeded in soil sample UST B-1.

Five (5) soil samples collected throughout the vicinity of the UST, in concert with the Phase II were analyzed for a combination of VOCs, SVOCs, and RCRA 8 metals in order to determine the potential for onsite contamination originating from the RECS identified in Cardno's Phase I ESA. Laboratory analytical results were compared to the NC MSCC Soil to Groundwater, NC MSCC Residential, NC MSCC Industrial/Commercial, and the Industrial and Residential EPA Regional Screening Levels (RSLs).

The following parameters were detected above respective regulatory limits:

- TPH DRO exceeded its NCDEQ UST threshold (100mg/kg) in soil sample UST B-1, at a concentration of 15,900mg/kg.
- TPH GRO exceeded its NCDEQ UST threshold (50mg/kg) in soil sample UST B-1, at a concentration of 159mg/kg.
- Arsenic was identified in soil samples MB-1 through MB-3, above its respective EPA residential and Industrial thresholds.
- Silver was identified MB-1 through MB-3, above its respective NCDEQ MSCC Soil to Groundwater threshold.

All other constituents analyzed were reported were less than their respective regulatory limits or below detection limits (BDL).

Groundwater

The groundwater analytical data generated during this assessment are provided in the laboratory analytical reports included in **Appendix D** and are presented in tabular form in **Table B-4** and **Figure 5**. Three groundwater samples and one duplicate were collected and analyzed for VOCs by Method 6200B-1997, SVOCs by Method 625, VPH/EPH by Method MADEP, and RCRA Metals constituents by Method 6010C.

Analytical results were compared to the NC 2L Groundwater Quality Standard (NC 2L), the EPA MCL, and the EPA Tapwater MCL. No parameters were detected above these respective regulatory limits.

E. Conclusions and Recommendations

This closure assessment was performed as part of the UST system closure at the Former Monroe St. School, located in Salisbury, North Carolina. The assessment and tank closure were paid for by funding provided by the City of Salisbury's EPA Brownfield Assessment Grant. As the UST and associated piping were excavated and removed, soil samples from the base of the basin and piping were collected and analysed per NC DEQ UST regulations in order to determine the potential release from the formerly used USTs. Additionally, as part of Cardno's Phase II ESA of the property, give (5) additional soil borings and three (3) groundwater monitoring wells were installed throughout the vicinity of the UST basin.

Analytical results from one (1) of the basin samples were reported to have GRO/DRO constituents above the 50 (GRO) 100 (DRO) mg/kg threshold; and, therefore, a release notification report was submitted to NC DEQ UST.

Silver was detected above the NCDEQ MSCC Soil to Groundwater threshold via EPA Method 6010D in soil samples MB-1 through MB-3. Additionally, arsenic was detected above the EPA RSL THQ 1_0 Industrial Soil criteria via EPA method 8260B and above the EPA RSL THQ 1_0 Residential Soil criteria via EPA method 8270D in soil samples MB-1 through MB-3. No other contaminants of concern were reported in the soils collected.

As part of Cardno's Phase II ESA of the Site, three (3) groundwater monitoring wells were installed throughout the Site. MW-1 and MW-2 were installed sidegradient the UST, while MW-3 was installed downgradient the UST. No contaminants were identified above their respective NC2L threshold.

No other contaminants of concern were noted in the soils/groundwater samples collected for analysis.

Based on the information gathered during this assessment, Cardno recommends no further action (NFA) at the site.

References

Cardno. *Generic QAPP – Revision 0, U.S. Environmental Protection Agency (EPA) Brownfields Assessment Cooperative Agreement, City of Salisbury, NC.* August 22, 2019.

Cardno. *Site-specific QAPP Addendum 2A for Brownfields Phase II Assessment of the Monroe Street School. – Revision 0.* April 29, 2020.

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NC DEQ. Guidelines for Site Checks, Tank Closure, and Initial Response and Abatement for UST Releases. Effective December 1, 2013.

North Carolina Geological Survey. Geological Map of North Carolina. 1985

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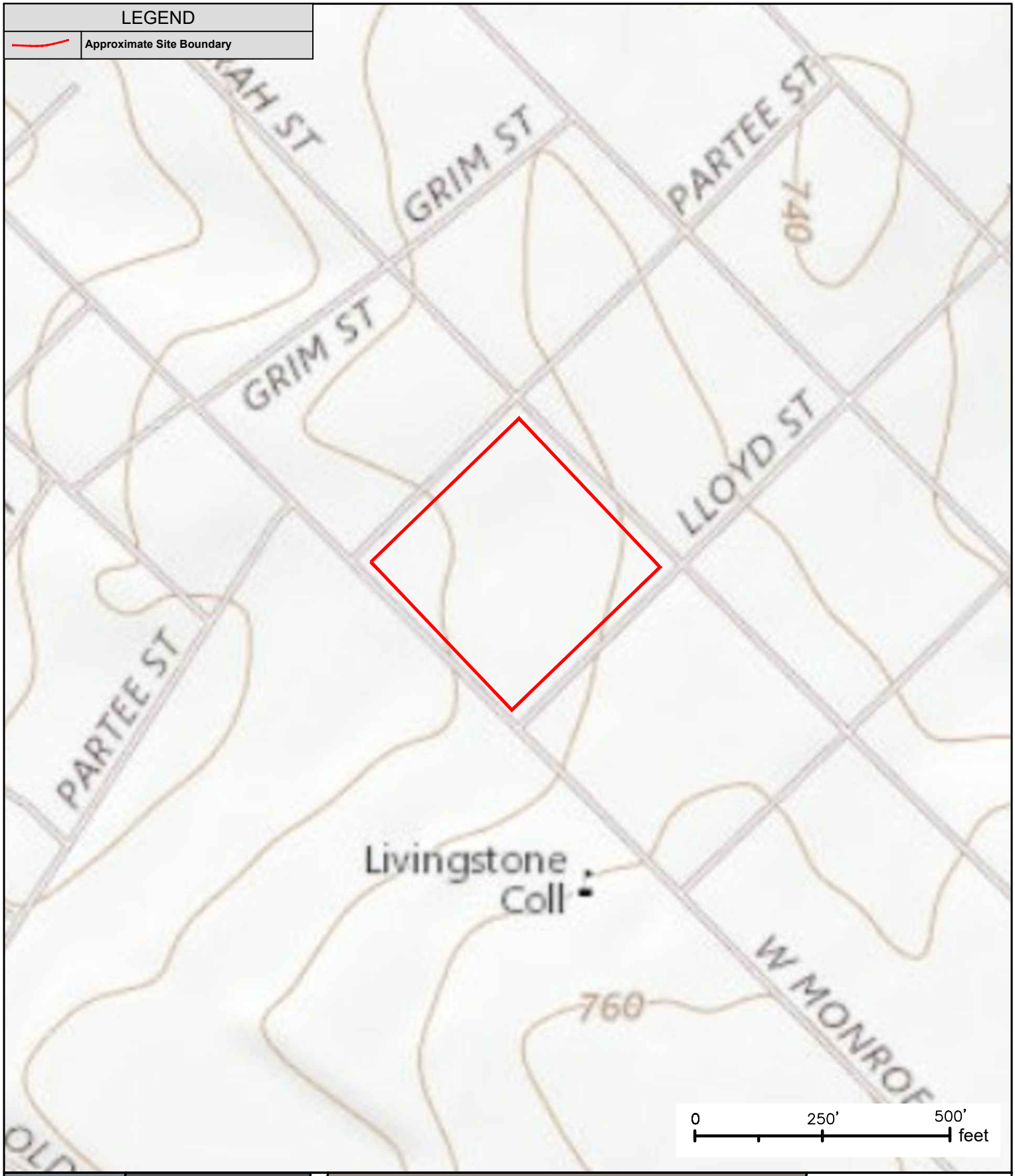
U.S. EPA Regional Screening Levels Master Table. May 2018.

U.S. Fish and Wildlife Service National Wetlands Inventory

0BMonroe St. School,
Salisbury NC

FIGURES



Notes:

FIGURE 1 - TOPOGRAPHIC SITE LOCATION

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

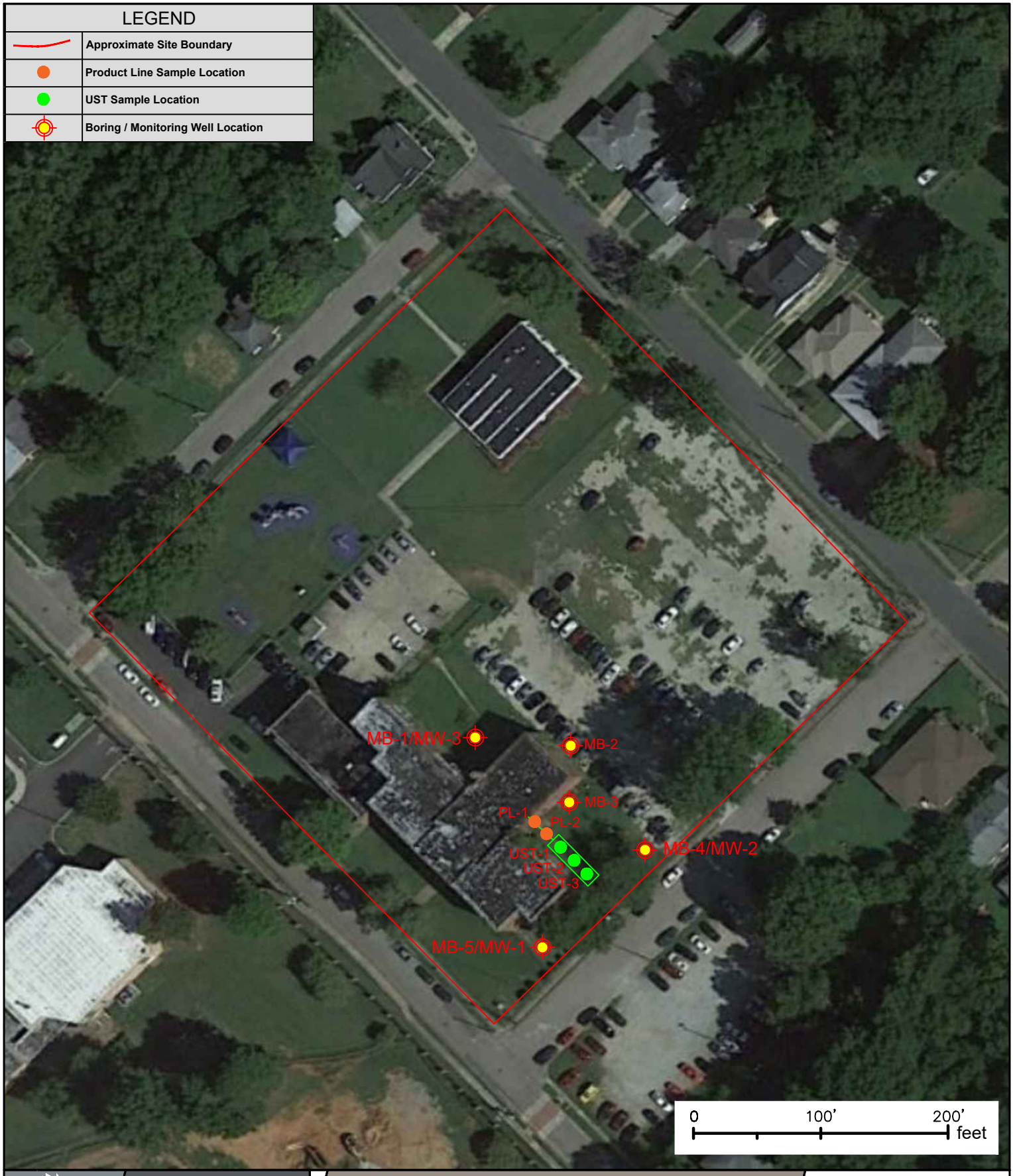
Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060

Notes:
1. Aerial photo from Google Earth

FIGURE 2 - AERIAL SITE LAYOUT

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060

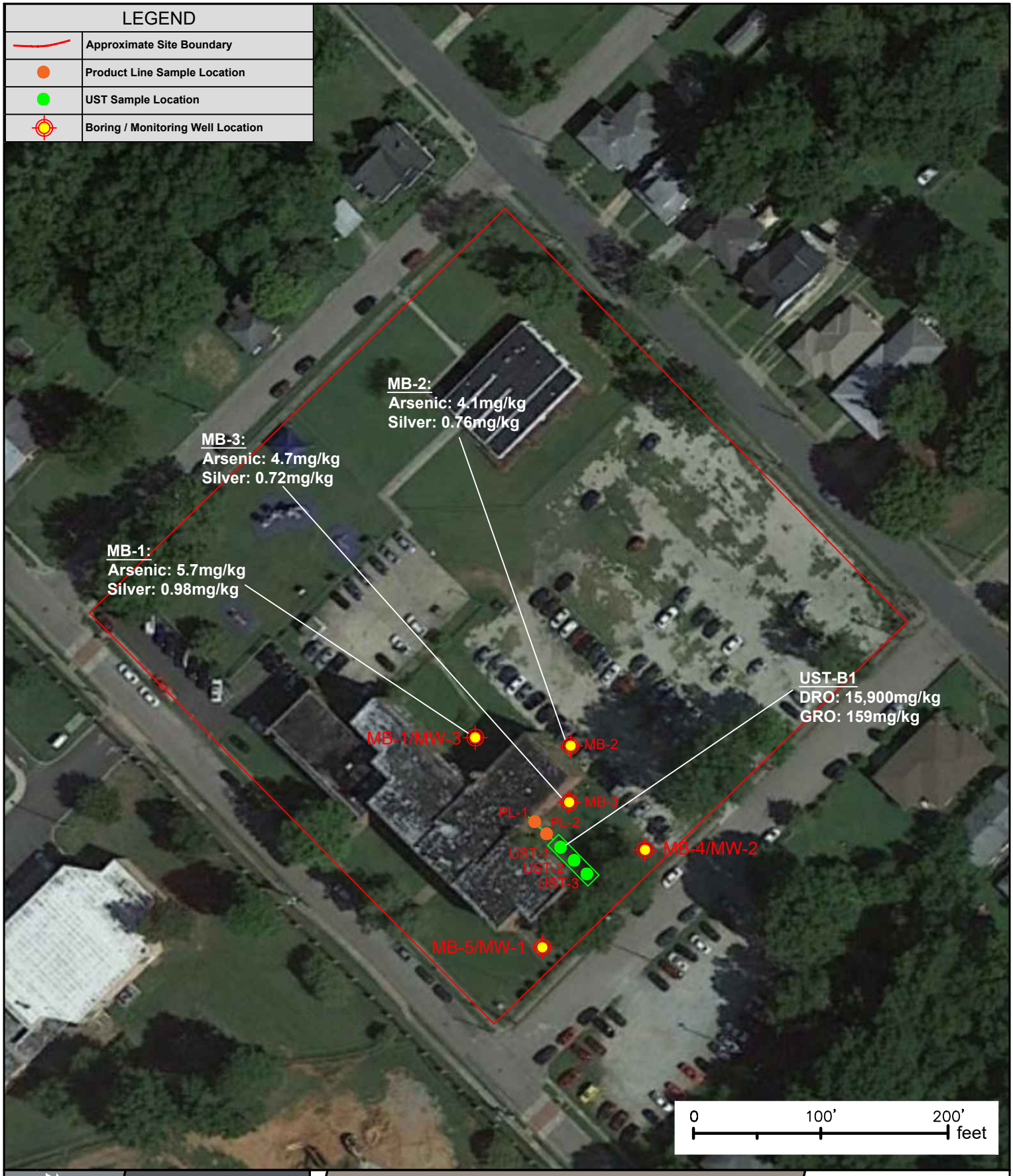


Notes:
1. Aerial photo from Google Earth

FIGURE 3 - SAMPLE LOCATION MAP

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060

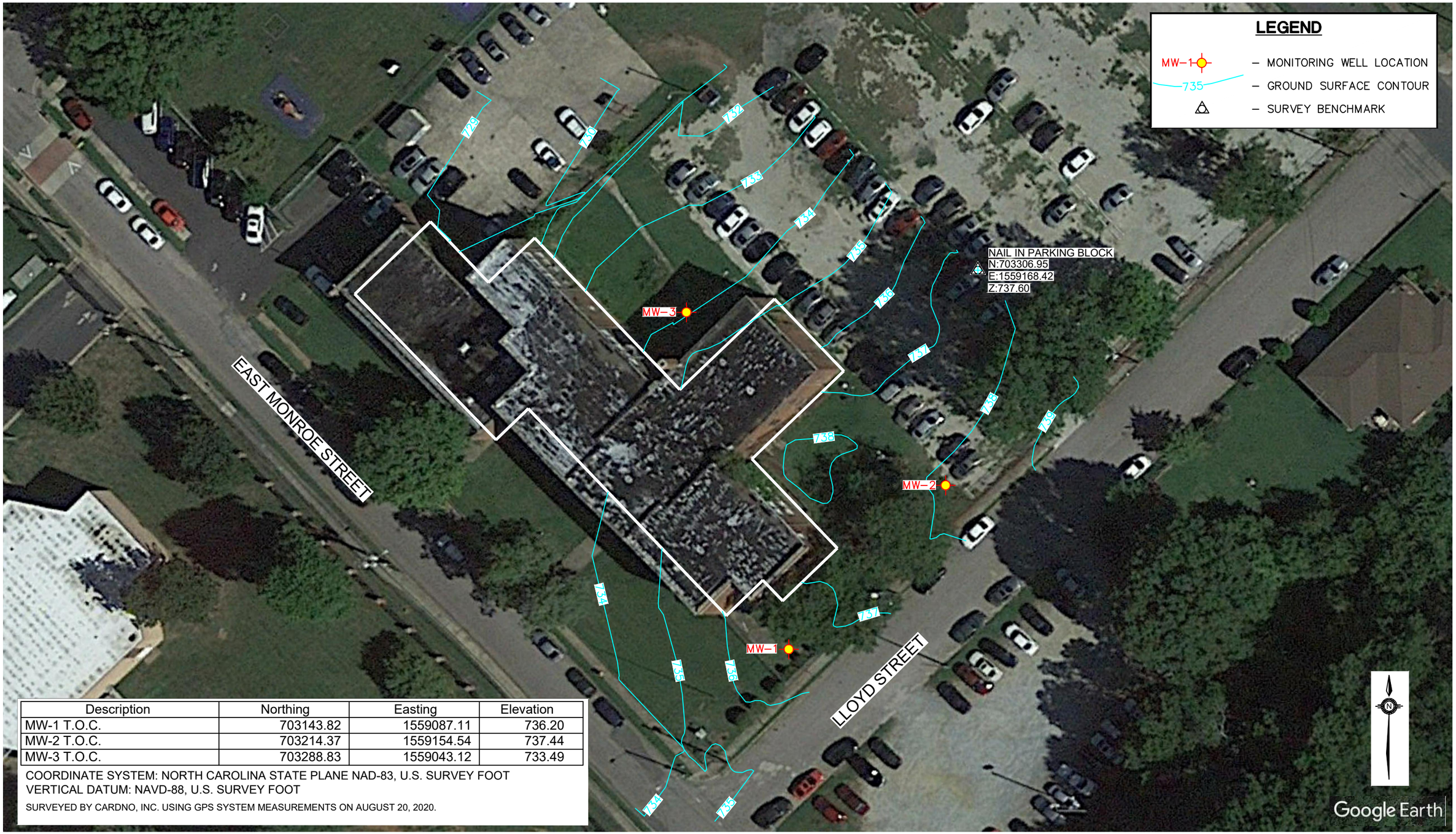


Notes:
1. Aerial photo from Google Earth

FIGURE 4 - SOIL ANALYTICAL MAP
(above thresholds)

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060



Description	Northing	Easting	Elevation
MW-1 T.O.C.	703143.82	1559087.11	736.20
MW-2 T.O.C.	703214.37	1559154.54	737.44
MW-3 T.O.C.	703288.83	1559043.12	733.49

COORDINATE SYSTEM: NORTH CAROLINA STATE PLANE NAD-83, U.S. SURVEY FOOT
VERTICAL DATUM: NAVD-88, U.S. SURVEY FOOT

SURVEYED BY CARDNO, INC. USING GPS SYSTEM MEASUREMENTS ON AUGUST 20, 2020.

Cardno

DESIGNED:	XXX
DRAWN:	DJD
CHECKED:	XXX
DATE:	8/26/2020
SCALE:	1"=40'
FILE NO.:	K:DFB:RICHMOND:STAR
PROJECT NO.:	PB0027000
OFFICE LOC.:	BLUEFIELD

NO.	DATE	REVISION

40' 0 40'

SCALE: 1" = 40'

FORMER MONROE STREET SCHOOL
EAST MONROE STREET SALISBURY,
NORTH CAROLINA

POTENTIOMETRIC SURFACE MAP

Figure

5

0BMonroe St. School,
Salisbury NC

TABLES

Table B-1: Site History – UST/AST System and Other Release Information
Former Monroe St. School
1100 W. Monroe St., Salisbury, NC 28144

UST ID Number	Current/Last Contents *	Previous Contents *	Capacity (in gallons)	Construction Details **	Tank Dimensions	Description of Associated Piping and Pumps	Date Tank Installed	Status of UST ***	Was release associated with the UST System?
1	Suspected Gasoline	Unknown	10,000	Steel	Approx. 324” X 96”	Steel	Unknown	Removed	Yes

* Gasoline (unleaded or leaded), diesel, used oil, waste oil, aviation fuel, etc., or pesticides, non-halogenated or halogenated solvents, etc.
** Fiberglass (single- or double-walled), steel (single- or double-walled), steel with FRP (single- or double-walled), steel with liner, other, unknown.
*** Currently operational, not in use or temporarily closed (specify date), permanently closed in place (specify date), permanently closed by removal (specify date)

Table B-2: Site History – UST/AST Owner/Operator and Other Responsible Party Information
Former Monroe St. School
1100 W. Monroe St., Salisbury, NC 28144

UST ID Number	N/A	Facility ID Number	N/A
Name of Owner		Dates of Operation (mm/dd/yy to mm/dd/yy)	
Livingstone College, Inc.		Unknown	
Street Address			
701 W. Monroe St.			
City	State	Zip	Telephone Number
Salisbury	NC	28144	(704) 216-6982
Name of Operator		Dates of Operation (mm/dd/yy to mm/dd/yy)	
Former Monroe St. School		Unknown	
Street Address			
1100 West Monroe St.			
City	State	Zip	Telephone Number
Salisbury	NC	28144	N/A
Incident Number	N/A		N/A
Name of Other Responsible Party		Dates of Release(s) (mm/dd/yy to mm/dd/yy)	
N/A		Unknown	
Street Address			
N/A			
City	State	Zip	Telephone Number
N/A	N/A	N/A	N/A

Table B-3: Summary of Soil Sampling Results (Detections Only)

Site Name: Monroe Street School

Salisbury, North Carolina

Method	Parameter	Units	MSCC Res	MSCC Ind	MSCC SG	EPA Res	EPA Ind	NCDEQ UST	MB-1	MB-2	MB-3	MB-3 Dup	MB-4	MB-5	UST B-1	UST B-2	UST B-3	PL-1	PL-2
									7/15/2020	7/15/2020	7/15/2020	7/15/2020	7/15/2020	7/15/2020	7/14/2020	7/14/2020	7/14/2020	7/14/2020	7/14/2020
	Date Collected								*Result*	*Result*	*Result*	*Result*	*Result*	*Result*	*Result*	*Result*	*Result*	*Result*	*Result*
Volatile Organic Compounds (VOC's)																			
8260B	Ethylbenzene	mg/kg	1560.00	40000.00	4.90	5.80	25.00	-	0.0106	0.0059	-	-	-	-	n/a	n/a	n/a	n/a	n/a
8260B	Toluene	mg/kg	1200.00	32000.00	4.30	4900.00	47000.00	-	0.0068	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a
8260B	1,2,4-Trimethylbenzene	mg/kg	782.00	20440.00	8.50	300.00	1800.00	-	0.0256	0.0166	0.0119	0.011	0.0101	0.0082	n/a	n/a	n/a	n/a	n/a
8260B	1,3,5-Trimethylbenzene	mg/kg	782.00	20440.00	8.30	270.00	1500.00	-	0.0089	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a
8260B	Xylene (total)	mg/kg	3129.00	82760.00	4.60	580.00	2500.00	-	0.035	0.0158	0.0131	0.0118	-	-	n/a	n/a	n/a	n/a	n/a
8260B	m&p Xylene	mg/kg	3129.00	82760.00	4.60	550.00	2400.00	-	0.0287	0.0158	0.0131	0.0118	-	-	n/a	n/a	n/a	n/a	n/a
8260B	o-Xylene	mg/kg	3129.00	82760.00	4.60	650.00	2800.00	-	0.0063	-	-	-	-	-	n/a	n/a	n/a	n/a	n/a
Total Petroleum Hydrocarbons (TPHs)																			
8015C	Diesel-Range Organics	mg/kg	-	-	-	-	-	100	n/a	n/a	n/a	n/a	n/a	n/a	**15,900**	-	-	32	6.5
8015C	Gasoline-Range Organics	mg/kg	-	-	-	-	-	50	n/a	n/a	n/a	n/a	n/a	n/a	**159**	-	-	-	-
Resource Conservation and Recovery Act (RCRA) 8 Metals																			
6010D	Arsenic	mg/kg	-	-	-	0.68	3	-	**5.7**	**4.1**	**4.7**	**5.6**	-		n/a	n/a	n/a	n/a	n/a
6010D	Barium	mg/kg	3100.00	81000.00	290.00	15000.00	220000.00	-	38.2	24.3	42.5	40.6	194	194	n/a	n/a	n/a	n/a	n/a
6010D	Cadmium	mg/kg	-	-	-	71.00	980.00	-	0.22	0.16	0.14	0.14	0.22	0.22	n/a	n/a	n/a	n/a	n/a
6010D	Chromium (III)	mg/kg	23460.00	613122.00	4200.00	120000.00	1800000.00	-	14.7	10.2	22.4	20.7	4.6	4.6	n/a	n/a	n/a	n/a	n/a
6010D	Lead	mg/kg	400.00	400.00	270.00	400.00	800.00	-	5.5	4.8	5.2	6.2	0.58	0.58	n/a	n/a	n/a	n/a	n/a
6010D	Selenium	mg/kg	-	-	-	390.00	5800.00	-	3.9	3.5	2.3	2.9	-	-	n/a	n/a	n/a	n/a	n/a
6010D	Silver	mg/kg	78.20	2044.00	0.25	390.00	5800.00	-	**0.98**	**0.76**	**0.72**	**0.72**	-	-	n/a	n/a	n/a	n/a	n/a
7471B	Mercury	mg/kg	-	-	-	11.00	460.00	-	0.072	0.057	0.052	0.07	0.0028	0.0028	n/a	n/a	n/a	n/a	n/a

Notes:

15A NCAC 02L .0202 = North Carolina 2L groundwater quality standards

RCRA = Resource Conservation and Recovery Act

ug/L = micrograms per liter

mg/L=milligrams per liter

Table B-4: Summary of Groundwater Sampling Results (Detections Only)

Site Name: Monroe Street School

Salisbury, North Carolina

Method	Parameter	Units	15A NCAC 02L .0202	MW-1	MW-2	MW-3	MW-3 Dup
				7/15/2020	7/15/2020	7/15/2020	7/15/2020
	Date Collected			*Result*	*Result*	*Result*	*Result*
RCRA Metals							
6010D	Barium	ug/L	700	n/a	n/a	50.6	48.1
6010D	Calcium	ug/L	n/a	n/a	n/a	2420	2260
6010D	Iron	ug/L	300	n/a	n/a	129	117
6010D	Magnesium	ug/L	n/a	n/a	n/a	1310	1270
6010D	Manganese	ug/L	50	n/a	n/a	46.9	47.9

Notes:

15A NCAC 02L .0202 = North Carolina 2L groundwater quality standards

RCRA = Resource Conservation and Recovery Act

ug/L = micrograms per liter

mg/L=milligrams per liter

Table B-5: Property Owners / Occupants
Former Monroe St. School
1100 W. Monroe St., Salisbury, NC 28144

Tax Parcel Number/ Map ID	Owner/ Occupant Name (Last, First MI)	Address
008-068	Livingstone College, Inc.	701 W. Monroe St., Salisbury NC 28144

Table B-6: Monitoring Well Construction Information
Monroe St. School

Monitoring Well	Date Installed	Sample Date	Casing Diameter	Casing Depth (Ft. BGS)	Screened Interval (Ft. BGS)	Total Well Depth (feet below TOC)	TOC Elevation (MSL)	Free Product Thickness	Depth to Groundwater (feet below TOC)	Groundwater Elevation (relative to MSL)	Latitude Longitude (UTM)
MW-01	7/15/2020	7/16/2020	2"	15'	30'-15'	30.20	751.73	N/A	15.53	736.20	703143.82N, 1559087E
MW-02	7/15/2020	7/16/2020	2"	15'	30'-15'	30.20	753.77	N/A	16.33	737.44	703214.37N, 1559154.54E
MW-03	7/15/2020	7/16/2020	2"	15'	30'-15'	30.20	746.27	N/A	12.78	733.49	703288.83N, 1559043.12E

Notes:
1) TOC = Top of casing
2) MSL = Mean Sea Level
3) N/A = Not Applicable
4) Lat/Long is general site location

0BMonroe St. School,
Salisbury NC

APPENDIX

A

SITE PHOTOS

PHOTOGRAPHIC LOG

Client Name: City of Salisbury	Site Location: 1100 West Monroe St.	Project No. PB00270000

Photo No.	Date:
1	07/16/2020

Direction Photo Taken:

North

Description:

Photograph of the UST basin, prior to excavation.

Photo No.	Date:
2	07/16/2020

Direction Photo Taken:

N/A

Description:

Photograph of the UST fill port, during excavation.

PHOTOGRAPHIC LOG

Client Name: City of Salisbury	Site Location: 1100 West Monroe St.	Project No. PB00270000

Photo No.	Date:
3	07/16/2020

Direction Photo Taken:

N/A

Description:

Photograph of the CCI vacuum truck, removing residual liquids from the UST.

Photo No.	Date:
4	07/16/2020

Direction Photo Taken:

N/A

Description:

Photograph of the UST.

PHOTOGRAPHIC LOG

Client Name: City of Salisbury	Site Location: 1100 West Monroe St.	Project No. PB00270000

Photo No.	Date:
5	07/16/2020

Direction Photo Taken:

West

Description:

Photograph of the UST system, during removal activities.

Photo No.	Date:
6	07/16/2020

Direction Photo Taken:

N/A

Description:

Photograph of the UST, after removal activities have been conducted.

PHOTOGRAPHIC LOG

Client Name: City of Salisbury	Site Location: 1100 West Monroe St.	Project No. PB00270000

Photo No.	Date:
7	07/16/2020

Direction Photo Taken:

N/A

Description:

Photograph of the UST, removed from the ground.

Photo No.	Date:
8	07/16/2020

Direction Photo Taken:

Northwest

Description:

Photograph of the UST basin, after soil replacement.

0BMonroe St. School,
Salisbury NC

APPENDIX B

NCDEQ UST REPORTING DOCUMENTS

UST-2B

Site Investigation Report for Permanent Closure or Change-in-Service of UN-REGISTERED UST

Return completed form to:

NC DEQ / DWM / UST SECTION
1646 MAIL SERVICE CENTER
RALEIGH, NC 27699-1646
ATTN: REGISTRATION & PERMITTING

phone (919) 707-8171 fax (919) 715-1117 http://www.wastenotnc.org/

STATE USE ONLY:

Facility ID #

Date Received

INSTRUCTIONS (READ THIS FIRST)

1. UST permanent closure or change in service must be completed in accordance with the latest version of the Guidelines for Site Checks, Tank Closure and Initial Response and Abatement. The guidelines can be obtained at http://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/underground-storage-tanks-section.
2. Permanent closure: Complete all sections of this form.
3. Change-in-service: Where UST systems will be converted from storing a regulated substance to a non-regulated substance, complete sections I, II, III, IV, and VI.
4. For more than 5 un-registered UST systems, attach additional forms as needed.
5. **Un-Registered USTs may be subject to unpaid fees and late penalties**.
6. REGISTERED USTs use Form UST-2A.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity): Livingston College, Inc. (Pete Teague, agent)

Street Address: 701 W Monroe St.

City: Salisbury County: Rowan

State: NC Zip Code: 28144

Phone Number: 704-216-6982

II. LOCATION OF TANKS

Facility Name or Company: Former Monroe St. School

Facility ID # (If known): N/A (unknown)

Street Address: 1100 W. Monroe St.

City: Salisbury County: Rowan Zip Code: 28144

Phone Number:

III. CONTACT PERSONNEL

Contact for Facility: Pete Teague		Job Title: Special Assistant	Phone #: 704-216-6982
Closure Contractor Name: Keith Burch	Closure Contractor Company: CCI Environmental	Address: 281 Lane Parkway, Sali	Phone # 704-273-1500
Primary Consultant Name: Brian Kvam, PG	Primary Consultant Company: Cardno, Inc.	Address: 1812 Lincoln St., Ste. 30	Phone # 803-929-6071

IV. UST INFORMATION FOR UN-REGISTERED UST SYSTEMS

REGISTERED USTs use Form UST-2A.

V. EXCAVATION CONDITION

Tank ID No.	Size in Gallons	Last Contents	Last Use Date	Permanent Close Date	Method of Permanent Closure: Indicate REMOVED or enter fill material, such as foam/ concrete/ sand	Change-in-Service Date	Water in excavation		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
1	~10,000	Unknown	Unknown	07/14/2020	REMOVED		☐	☒	☐	☒	☐	☒
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

VI. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative

Brian Kvam, PG (consultant/agent)

Signature: Brian J Kvam

Date Signed: 07/29/2020

UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

Return completed form to:
The DWM Regional Office located in the area where the facility is located. Also send a copy to the Central Office in Raleigh.
SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

Complete and return a UST-3 form at least **thirty (30) days** prior to closure or change-in-service activities. If a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports then at least a **five (5) working days**' notice is acceptable.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2A and/or 2B forms, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out. Note: Tank fees may be due for unregistered tanks.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response*. The guidelines can be obtained at https://deq.nc.gov/about/divisions/waste-management/ust. Note: To close tanks in place you must obtain prior approval from the DWM Regional office located in the region where the facility is located.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity): Livingston College, Inc. (Pete Teague, agent)	
Street Address: 701 W Monroe St.	
City: Salisbury	County: Rowan
State: NC	Zip Code: 28144
Phone Number:	Email: PTeague@livingstone.edu

II. LOCATION

Facility Name or Company: Former Monroe St. School		
Facility ID # (If known): N/A (unknown)		
Street Address: 1100 W Monroe St.		
City: Salisubry	County: **Rowan**	Zip Code: 28144
Phone Number:		

III. CONTACT PERSONNEL

Name:	Company Name:	Job Title:	Phone Number:

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

1. Contact local fire marshal.
2. Plan entire closure event.
3. Conduct Site Soil Assessment.
4. If removing tanks or closing in place, refer to API Publication 2015 *Cleaning Petroleum Storage Tanks* and 1604 *Removal and Disposal of Used Underground Petroleum Storage Tanks.*
5. Provide a sketch locating piping, tanks and soil sampling locations.
6. Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.
7. If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
8. Keep closure records for three (3) years.

V. WORK TO BE PERFORMED BY

Contractor Name: Keith Burch	Contractor Company Name: CCI Environmental		
Address: 281 Lane Parkway, Salisbury	State: NC	Zip Code: 28146	Phone No: (704) 273-1500
Primary Consultant Name: Brian Kvam, PG	Primary Consultant Company Name: Cardno, Inc.		Consultant Phone No: 803-929-6071

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity: Closure: Removal	Closure: Abandonment in Place *	Change-In-Service: New Contents Stored
1	approx. 2000	believed fuel oil	☒	☐	
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	

* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

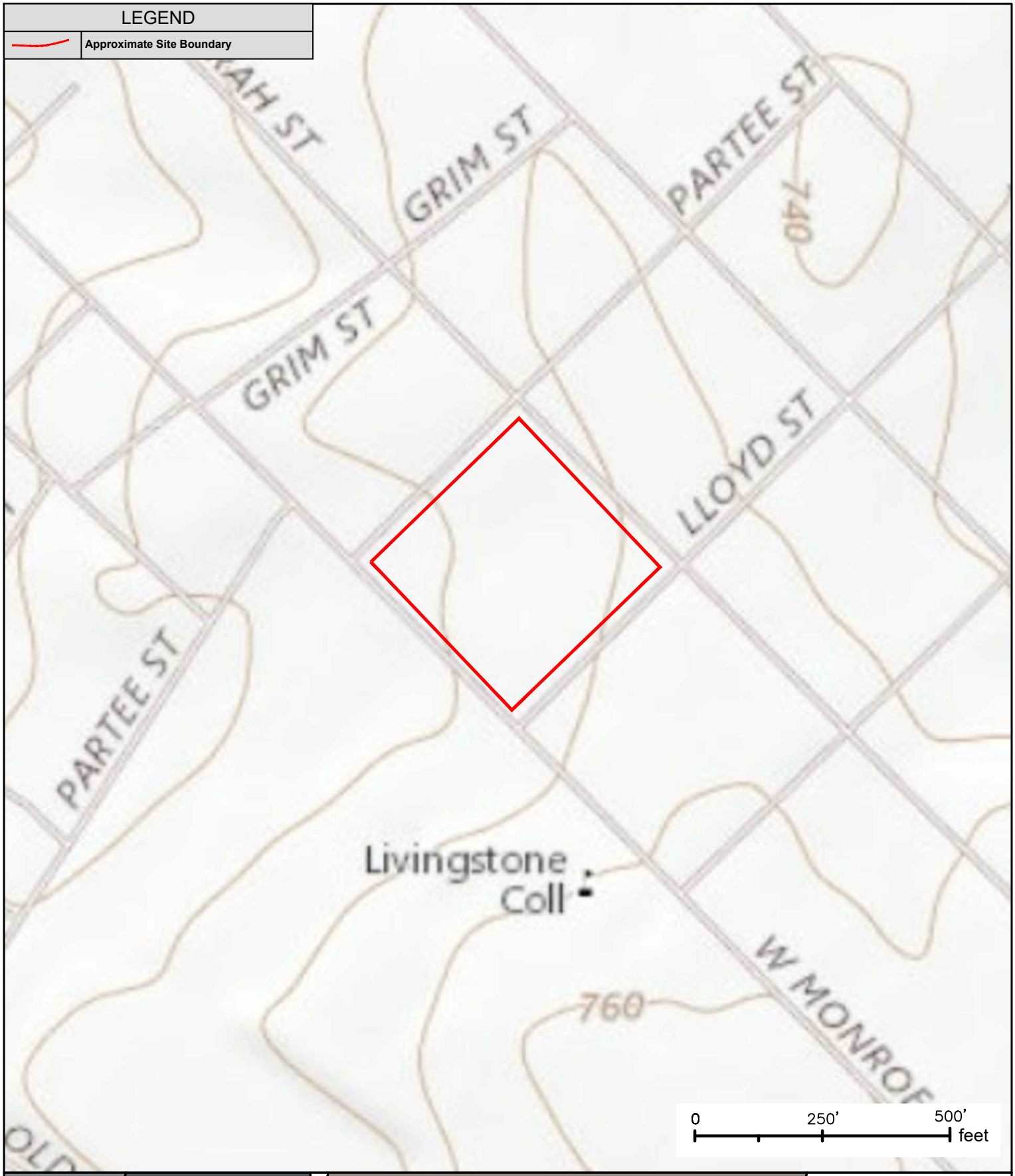
VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Has a release from a UST system occurred at this location? ☐ Yes ☐ No ☒ Unknown

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title:

Signature	Date Signed	SCHEDULED REMOVAL DATE	
Brian J Kvam	7/7/2020	**7/14/2020**	**Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes**



Notes:

FIGURE 1 - TOPOGRAPHIC SITE LOCATION

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060

Notes:
1. Aerial photo from Google Earth

FIGURE 2 - AERIAL SITE LAYOUT

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060

UST-61 24-Hour Release and UST Leak Reporting Form.

For Releases in NC

This form should be completed and submitted to the UST Section's regional office following a known or suspected release from an underground storage tank (UST) system. This form is required to be submitted within 24 hours of discovery of a known or suspected release

(DWM USE ONLY)
Incident # _____ Risk (H,I,L,U)_____
Received On _____ Received By _____
Reported by (*circle one*): Phone, Fax or Report
Region _____

Suspected Contamination? (Y/N) Y
Confirmed GW Contamination? (Y/N) N
Confirmed Soil Contamination ?(Y/N) Y
Samples Taken?(Y/N) Y
Free Product? (Y/N) N If Yes, State Greatest Thickness N/A

Facility ID Number _____
Date Leak Discovered 7/29/2020
Comm/Non-Commercial? Comm
Reg/Non-regulated? Non

INCIDENT DESCRIPTION

Incident Name: Former Monroe St. School

Address: 1100 W. Monroe St.
County: Rowan

City/Town: Salisbury
Zip Code: 28144
Regional Office (*circle one*): Asheville, Mooresville, Fayetteville, Raleigh, Washington, Wilmington, Winston-Salem

Latitude (decimal degrees): 35.673068 Longitude (decimal degrees) : -80.484539

Obtained by:
- [ ] GPS
- [ ] Topographic map
- [ ] GIS Address matching
- [x] Other Google Earth
- [ ] Unknown

Describe location:

Briefly describe suspected or confirmed release: *(including but not limited to: nature of release, date of release, amount of release, amount of free product present and recovery efforts, initial responses conducted, impacts to receptors)*

During UST removal activities, no odors or visible product staining were observed. Subsequent to reviewing analytical data, 1 sample collected from below the UST reported concentrations of TPH GRO >50 ppm (UST-1 159 mg/kg) and TPH DRO >100 ppm (UST-1 15900 mg/kg). All other samples collected were reported below threshold criteria. We are awaiting additional analysis on sample UST-1 for VOCs, SVOCs, EPH, and VPH. Groundwater analytical data from wells installed on site reported no petroleum impacts.

HOW RELEASE WAS DISCOVERED (Release Code)

(Check one)

- [ ] Release Detection Equipment or Methods
- [x] During UST Closure/Removal
- [ ] Property Transfer
- [ ] Visual/Odor
- [ ] Water in Tank
- [ ] Water Supply Well Contamination
- [ ] Groundwater Contamination
- [ ] Surface Water Contamination
- [x] Other (specify) Soil analytical data

SOURCE OF CONTAMINATION

Source of Release *(Check primary source)*
- [ ] Tank
- [ ] Piping
- [ ] Dispenser
- [ ] Submersible Turbine Pump
- [ ] Delivery Problem
- [ ] Spill Bucket
- [ ] Other
- [x] Unknown

Definitions presented on reverse

Cause of Release *(Check primary cause)*
- [ ] Spill
- [ ] Overfill
- [ ] Corrosion
- [ ] Physical/Mechanical Damage
- [ ] Install Problem
- [ ] Other
- [x] Unknown

Definitions presented on reverse

Type of Release *(Check one)*
- [x] Petroleum
- [ ] Non-Petroleum
- [ ] Both

Location *(Check one)*
- [x] Facility
- [ ] Residence
- [ ] Other

Product Type Released *(Check primary product type released)*
- [x] Gasoline/ Diesel/ Kerosene Suspected
- [ ] Heating Oil
- [ ] Other Petroleum Products
- [ ] Metals
- [ ] Other Inorganics
- [ ] Other Organics
- [ ] Diesel/Veg. Oil Blend
- [ ] Vegetable Oil 100%
- [ ] E10 – E20
- [ ] E21 – E84
- [ ] E85 – E99
- [ ] Ethanol 100%
- [ ] E01 – E09

Ownership
1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

Property was a former grammar school now owned by Livingstone College.

Operation Type
1. Public Service 2. Agricultural 3. Residential 4. Education/Relig. 5. Industrial 6. Commercial 7. Mining

IMPACT ON DRINKING WATER SUPPLIES

Water Supply Wells Affected? 1. Yes 2. No 3. Unknown None suspected

Number of Water Supply Wells Affected _____

Water Supply Wells Contaminated: (*Include Users Names, Addresses and Phone Numbers. Attach additional sheet if necessary*)

1.
2.
3.

UST SYSTEM OWNER

UST Owner/Company			
Monroe St. School - Suspected Rowan County Schools			
Point of Contact		Address	
City	State	Zip Code	Telephone Number

UST SYSTEM OPERATOR

UST Operator/Company			
Monroe St. School - Suspected Rowan County Schools		Address	
City	State	Zip Code	Telephone Number

LANDOWNER AT LOCATION OF UST INCIDENT

Landowner		Address	
Livingstone College		701 W. Monroe St.	
City	State	Zip Code	Telephone Number
Salisbury	NC	28144	704-216-6982

Draw Sketch of Area (showing two major road intersections) or Attach Map

See Attached Figures

Person Reporting Incident Brian Kvam, PG	Company Cardno, Inc.	Telephone Number 803-929-6071
Title Senior Project Manager	Address 1812 Lincoln St., Ste. 301, Columbia, SC 29201	Date 07/29/2020

Definitions of Sources

Tank: means the tank that stores the product and is part of the underground storage tank system

Piping: means the piping and connectors running from the tank or submersible turbine pump to the dispenser or other end-use equipment (Vent, vapor recovery, or fill lines are excluded.)

Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping (e.g., a release from a suction pump or from components located above the shear valve)

Submersible Turbine Pump (STP) Area includes the submersible turbine pump head (typically located in the tank sump), the line leak detector, and the piping that connects the submersible turbine pump to the tank

Delivery Problem: identifies releases that occurred during product delivery to the tank. (Typical causes associated with this source are spills and overfills.)

Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories (e.g., for releases from vent lines, vapor recovery lines, and fill lines)

Unknown: identifies releases for which the source has not been determined

Definitions of Causes

Spill: use this cause when a spill occurs (e.g., when the delivery hose is disconnected from the tank fill pipe or when the nozzle is removed from the dispenser)

Overfill: use when an overfill occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)

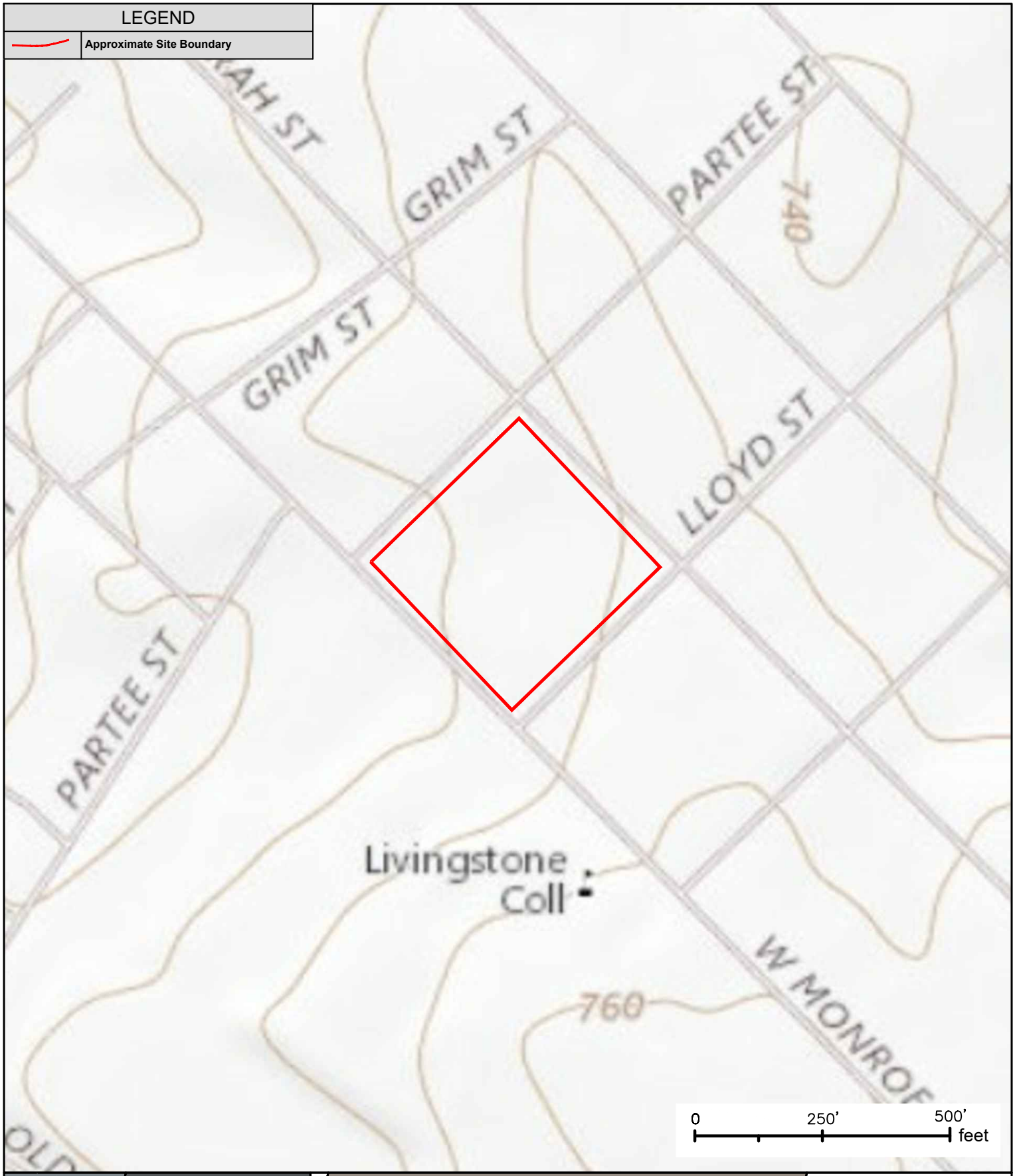
Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion (e.g., puncture of tank or piping, loose fittings, broken components, and components that have changed dimension)

Corrosion: use when a metal tank, piping, or other component has a release due to corrosion (e.g., for steel, corrosion takes the form of rust)

Installation Problem: use when the problem is determined to have occurred specifically because the UST system was not installed properly

Other: use this option when the cause is known but does not fit into one of the preceding categories (e.g., putting regulated substances into monitoring wells)

Unknown: use when the cause has not been determined



Notes:

FIGURE 1 - TOPOGRAPHIC SITE LOCATION

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060

Notes:
1. Aerial photo from Google Earth

FIGURE 2 - AERIAL SITE LAYOUT

Former Monroe St. School
1100 West Monroe St.
Salisbury, NC

Cardno
1812 Lincoln St., Suite 301
Columbia, SC 29201
803-929-6060

0BMonroe St. School,
Salisbury NC

APPENDIX C

DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. **Waste Tracking Number** 20773

GENERATOR

5. Generator's Name and Mailing Address
Former Myrtlewood School

Generator's Site Address (if different than mailing address)
1100 W Monroe St
Gowanda NY

Generator's Phone:

6. Transporter 1 Company Name
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-Hazardous Liquids N.O.S.	1	TT	5076	G	
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: Brian Kwan (Agent for)
Signature: [signature]
Month 07 Day 14 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name
Signature
Month Day Year

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month Day Year

GENERATOR'S/SHIPPER'S INITIAL COPY

Tank manifest

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 22773

5. Generator's Name and Mailing Address: Fuchs [illegible] St [illegible]

Generator's Site Address (if different than mailing address): 1100 W [illegible] St [illegible] Albany NY

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Steel Tank, Empty 10,000 gal					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

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

Generator's/Offeror's Printed/Typed Name: BRIAN KRAMS (AGENT FOR) — Signature: [signature] — Month 07 Day 11 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

0BMonroe St. School,
Salisbury NC

APPENDIX D

ANALYTICAL REPORTS

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

July 22, 2020

Brian Kvam
Cardno
1003 Greenhurst Road
Winston Salem, NC 27104

RE: Project: Fmr Monroe Street School
Pace Project No.: 92486342

Dear Brian Kvam:

Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project:	Fmr Monroe Street School
Pace Project No.:	92486342

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE ANALYTE COUNT

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92486342001	**UST B-1**	EPA 8015C Modified	JMS1	2	PASI-C
		EPA 8015C Modified	MAD	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486342002	**UST B-2**	EPA 8015C Modified	JMS1	2	PASI-C
		EPA 8015C Modified	MAD	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486342003	**UST B-3**	EPA 8015C Modified	JMS1	2	PASI-C
		EPA 8015C Modified	MAD	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486342004	**PL-1**	EPA 8015C Modified	JMS1	2	PASI-C
		EPA 8015C Modified	MAD	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486342005	**PL-2**	EPA 8015C Modified	JMS1	2	PASI-C
		EPA 8015C Modified	MAD	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Huntersville, NC 28078
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SUMMARY OF DETECTION

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92486342001	**UST B-1**					
EPA 8015C Modified	Diesel Range Organics(C10-C28)	15900	mg/kg	309	07/22/20 13:06	M1
EPA 8015C Modified	Gas Range Organics (C6-C10)	159	mg/kg	7.1	07/16/20 17:46	
ASTM D2974-87	Percent Moisture	19.4	%	0.10	07/15/20 17:46	
92486342002	**UST B-2**					
ASTM D2974-87	Percent Moisture	21.4	%	0.10	07/15/20 17:46	
92486342003	**UST B-3**					
ASTM D2974-87	Percent Moisture	20.5	%	0.10	07/15/20 17:46	
92486342004	**PL-1**					
EPA 8015C Modified	Diesel Range Organics(C10-C28)	32.0	mg/kg	5.7	07/21/20 21:23	
ASTM D2974-87	Percent Moisture	11.4	%	0.10	07/15/20 17:46	
92486342005	**PL-2**					
EPA 8015C Modified	Diesel Range Organics(C10-C28)	6.5	mg/kg	5.9	07/21/20 21:23	
ASTM D2974-87	Percent Moisture	14.9	%	0.10	07/15/20 18:16	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Sample: UST B-1 **Lab ID: 92486342001** Collected: 07/14/20 13:20 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Diesel Range Organics(C10-C28)	**15900**	mg/kg	309	50	07/17/20 16:40	07/22/20 13:06		M1
Surrogates								
n-Pentacosane (S)	0	%	32-130	50	07/17/20 16:40	07/22/20 13:06	629-99-2	S4
Gasoline Range Organics	Analytical Method: EPA 8015C Modified Preparation Method: EPA 5030B Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	**159**	mg/kg	7.1	1	07/16/20 11:06	07/16/20 17:46		
Surrogates								
4-Bromofluorobenzene (S)	718	%	66-131	1	07/16/20 11:06	07/16/20 17:46	460-00-4	S5
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Charlotte							
Percent Moisture	**19.4**	%	0.10	1		07/15/20 17:46		

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Sample: UST B-2 **Lab ID: 92486342002** Collected: 07/14/20 13:20 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Diesel Range Organics(C10-C28)	ND	mg/kg	6.3	1	07/17/20 16:40	07/21/20 20:35		
Surrogates								
n-Pentacosane (S)	55	%	32-130	1	07/17/20 16:40	07/21/20 20:35	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015C Modified Preparation Method: EPA 5030B Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/kg	7.3	1	07/16/20 11:06	07/16/20 14:30		
Surrogates								
4-Bromofluorobenzene (S)	98	%	66-131	1	07/16/20 11:06	07/16/20 14:30	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Charlotte							
Percent Moisture	**21.4**	%	0.10	1		07/15/20 17:46		

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Sample: UST B-3 **Lab ID: 92486342003** Collected: 07/14/20 13:20 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Diesel Range Organics(C10-C28)	ND	mg/kg	6.3	1	07/17/20 16:40	07/21/20 20:59		
Surrogates								
n-Pentacosane (S)	53	%	32-130	1	07/17/20 16:40	07/21/20 20:59	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015C Modified Preparation Method: EPA 5030B Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/kg	7.5	1	07/16/20 11:06	07/16/20 14:58		
Surrogates								
4-Bromofluorobenzene (S)	101	%	66-131	1	07/16/20 11:06	07/16/20 14:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Charlotte							
Percent Moisture	**20.5**	%	0.10	1		07/15/20 17:46		

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Sample: PL-1 **Lab ID: 92486342004** Collected: 07/14/20 14:50 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Diesel Range Organics(C10-C28)	**32.0**	mg/kg	5.7	1	07/17/20 16:40	07/21/20 21:23		
Surrogates								
n-Pentacosane (S)	57	%	32-130	1	07/17/20 16:40	07/21/20 21:23	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015C Modified Preparation Method: EPA 5030B Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/kg	5.9	1	07/16/20 11:06	07/16/20 15:26		
Surrogates								
4-Bromofluorobenzene (S)	98	%	66-131	1	07/16/20 11:06	07/16/20 15:26	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Charlotte							
Percent Moisture	**11.4**	%	0.10	1		07/15/20 17:46		

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Sample: PL-2 **Lab ID: 92486342005** Collected: 07/14/20 14:55 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015C Modified Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Diesel Range Organics(C10-C28)	**6.5**	mg/kg	5.9	1	07/17/20 16:40	07/21/20 21:23		
Surrogates								
n-Pentacosane (S)	61	%	32-130	1	07/17/20 16:40	07/21/20 21:23	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015C Modified Preparation Method: EPA 5030B Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/kg	6.0	1	07/16/20 11:06	07/16/20 15:54		
Surrogates								
4-Bromofluorobenzene (S)	97	%	66-131	1	07/16/20 11:06	07/16/20 15:54	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Charlotte							
Percent Moisture	**14.9**	%	0.10	1		07/15/20 18:16		

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486342

QC Batch: 553728
QC Batch Method: EPA 5030B
Analysis Method: EPA 8015C Modified
Analysis Description: Gasoline Range Organics
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486342001, 92486342002, 92486342003, 92486342004, 92486342005

METHOD BLANK: 2941946 Matrix: Solid
Associated Lab Samples: 92486342001, 92486342002, 92486342003, 92486342004, 92486342005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	ND	6.0	07/16/20 12:38	
4-Bromofluorobenzene (S)	%	98	66-131	07/16/20 12:38	

LABORATORY CONTROL SAMPLE: 2941947

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	49.8	48.6	98	70-130	
4-Bromofluorobenzene (S)	%			97	66-131	

MATRIX SPIKE SAMPLE: 2941949

Parameter	Units	35561974004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	2.7J	63.6	82.8	126	70-145	
4-Bromofluorobenzene (S)	%				113	66-131	

SAMPLE DUPLICATE: 2941948

Parameter	Units	35561974005 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	3.1J	2.9J		
4-Bromofluorobenzene (S)	%	96	96		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486342

QC Batch: 554138
QC Batch Method: EPA 3546
Analysis Method: EPA 8015C Modified
Analysis Description: 8015 Solid GCSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486342001, 92486342002, 92486342003, 92486342004, 92486342005

METHOD BLANK: 2944110
Matrix: Solid
Associated Lab Samples: 92486342001, 92486342002, 92486342003, 92486342004, 92486342005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	ND	5.0	07/21/20 03:41	
n-Pentacosane (S)	%	66	32-130	07/21/20 03:41	

LABORATORY CONTROL SAMPLE: 2944111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	66.7	41.8	63	47-130	
n-Pentacosane (S)	%			60	32-130	

MATRIX SPIKE SAMPLE: 2944112

Parameter	Units	92486342001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	15900	83.5	17100	1390	10-133	M1
n-Pentacosane (S)	%				208	32-130	S2

SAMPLE DUPLICATE: 2944113

Parameter	Units	92486342002 Result	Dup Result	RPD	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	ND	ND		
n-Pentacosane (S)	%	55	50		

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486342

QC Batch: 553578
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486342001, 92486342002, 92486342003, 92486342004

SAMPLE DUPLICATE: 2941439

Parameter	Units	92485920001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	41.7	40.4	3	

SAMPLE DUPLICATE: 2941440

Parameter	Units	92486269008 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	13.6	14.4	5	

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

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486342

QC Batch: 553585
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92486342005

SAMPLE DUPLICATE: 2941487

Parameter	Units	92486339001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	54.3	59.9	10	

SAMPLE DUPLICATE: 2941491

Parameter	Units	92486352003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.7	14.4	2	

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QUALIFIERS

Project: Fmr Monroe Street School
Pace Project No.: 92486342

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Fmr Monroe Street School
Pace Project No.: 92486342

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92486342001	**UST B-1**	EPA 3546	554138	EPA 8015C Modified	554509
92486342002	**UST B-2**	EPA 3546	554138	EPA 8015C Modified	554509
92486342003	**UST B-3**	EPA 3546	554138	EPA 8015C Modified	554509
92486342004	**PL-1**	EPA 3546	554138	EPA 8015C Modified	554509
92486342005	**PL-2**	EPA 3546	554138	EPA 8015C Modified	554509
92486342001	**UST B-1**	EPA 5030B	553728	EPA 8015C Modified	553773
92486342002	**UST B-2**	EPA 5030B	553728	EPA 8015C Modified	553773
92486342003	**UST B-3**	EPA 5030B	553728	EPA 8015C Modified	553773
92486342004	**PL-1**	EPA 5030B	553728	EPA 8015C Modified	553773
92486342005	**PL-2**	EPA 5030B	553728	EPA 8015C Modified	553773
92486342001	**UST B-1**	ASTM D2974-87	553578		
92486342002	**UST B-2**	ASTM D2974-87	553578		
92486342003	**UST B-3**	ASTM D2974-87	553578		
92486342004	**PL-1**	ASTM D2974-87	553578		
92486342005	**PL-2**	ASTM D2974-87	553585		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐

WO# : 92486342
92486342

Sample Condition Upon Receipt

Client Name: Cardno - NC

Project #:

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

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: 2/5/20

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

Biological Tissue Frozen? ☐ Yes ☐ No ☐ N/A

Thermometer: ☑ IR Gun ID: 92T061

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 5.1 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 5.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: SL				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project: **WO#: 92486342**

PM: AMB Due Date: 07/22/20

CLIENT: 92-CTC NC

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1									2											6	3							
2									2											6	3							
3									2											6	3							
4									2											6	3							
5									2											6	3							
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A — Required Client Information:

Company: Cardno - NC
Address: 1003 Greenhurst Road
Winston Salem, NC 27104
Email: brian.kvam@cardno.com
Phone: 803-309-1729 Fax
Requested Due Date:

Section B — Required Project Information:

Report To: Brian Kvam
Copy To:
Purchase Order #:
Project Name: Fmr Monroe Street School
Project #:

Section C — Invoice Information:

Attention: BRIAN KVAM
Company Name: CARDNO
Address:
Pace Quote:
Pace Project Manager: angela.baioni@pacelabs.com,
Pace Profile #: 10348-3, 4

Regulatory Agency:
State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	MADEP EPH	MADEP EPH	RCRA 8 Metals	TAL Metals	8270 SVOC	8270 SVOC	TPH-DRO	TPH-GRO	8260 VOC	8260 VOC	MADEP VPH	MADEP VPH	Residual Chlorine (Y/N)	9248634S
1	UST B-1	S	G	7/14	1320	7/14	1320													X			X		X	X	X		X		TPH 15F / DRO GRO / HOLD OTHERS (CONT.)	001
2	UST B-2	S	G		1320		1320													X			X		X	X	X		X			002
3	UST B-3	S	G		1320		1320													X			X		X	X	X		X			003
4	PL-1	S	C		1450		1450													X			X		X	X	X		X			004
5	PL-2	S	C		1455		1455													X			X		X	X	X		X			005
6																															
7																															
8																															
9																															
10																															
11																															
12																															

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	Brian J. Kvam	7/15/20	1453	Jonathan Humphrey	7/15/20	1453
	Jonathan Humphrey	7/15/20	1550	Brian Pace	7/15/20	1550

SAMPLE CONDITIONS	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	5.1	Y	N	Y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: BRIAN KVAM
SIGNATURE of SAMPLER: Brian J. Kvam
DATE Signed: 7/15/2020

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

July 24, 2020

Brian Kvam
Cardno
1003 Greenhurst Road
Winston Salem, NC 27104

RE: Project: Former Monroe Street School
Pace Project No.: 92486343

Dear Brian Kvam:

Enclosed are the analytical results for sample(s) received by the laboratory on July 15, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

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CERTIFICATIONS

Project:	Former Monroe Street School
Pace Project No.:	92486343

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: Former Monroe Street School
Pace Project No.: 92486343

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92486343001	**MB-1**	EPA 6010D	SH1	7	PASI-A
		EPA 7471B	SOO	1	PASI-A
		EPA 8270E	BPJ	75	PASI-C
		EPA 8260D	SAS	70	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486343002	**MB-2**	EPA 6010D	SH1	7	PASI-A
		EPA 7471B	SOO	1	PASI-A
		EPA 8270E	BPJ	75	PASI-C
		EPA 8260D	SAS	70	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486343003	**MB-3**	EPA 6010D	SH1	7	PASI-A
		EPA 7471B	SOO	1	PASI-A
		EPA 8270E	BPJ	75	PASI-C
		EPA 8260D	SAS	70	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486343004	**MB-3 DUP**	EPA 6010D	SH1	7	PASI-A
		EPA 7471B	SOO	1	PASI-A
		EPA 8270E	BPJ	75	PASI-C
		EPA 8260D	SAS	70	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486343005	**MB-4**	EPA 6010D	RDT	7	PASI-A
		EPA 7471B	SOO	1	PASI-A
		EPA 8270E	BPJ	75	PASI-C
		EPA 8260D	SAS	70	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486343006	**MB-5**	EPA 6010D	RDT	7	PASI-A
		EPA 7471B	SOO	1	PASI-A
		EPA 8270E	BPJ	75	PASI-C
		EPA 8260D	SAS	70	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92486343007	**TB-1**	EPA 8260D	NSCQ	63	PASI-C
92486343008	**TB-2**	EPA 8260D	NSCQ	63	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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SUMMARY OF DETECTION

Project: Former Monroe Street School
Pace Project No.: 92486343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92486343001	**MB-1**					
EPA 6010D	Arsenic	5.7	mg/kg	0.96	07/21/20 20:42	
EPA 6010D	Barium	38.2	mg/kg	0.48	07/21/20 20:42	
EPA 6010D	Cadmium	0.22	mg/kg	0.096	07/21/20 20:42	
EPA 6010D	Chromium	14.7	mg/kg	0.48	07/21/20 20:42	
EPA 6010D	Lead	5.5	mg/kg	0.48	07/21/20 20:42	
EPA 6010D	Selenium	3.9	mg/kg	0.96	07/21/20 20:42	
EPA 6010D	Silver	0.98	mg/kg	0.48	07/21/20 20:42	
EPA 7471B	Mercury	0.072	mg/kg	0.0070	07/20/20 17:28	
EPA 8260D	Ethylbenzene	10.6	ug/kg	5.3	07/21/20 00:57	
EPA 8260D	Toluene	6.8	ug/kg	5.3	07/21/20 00:57	
EPA 8260D	1,2,4-Trimethylbenzene	25.6	ug/kg	5.3	07/21/20 00:57	
EPA 8260D	1,3,5-Trimethylbenzene	8.9	ug/kg	5.3	07/21/20 00:57	
EPA 8260D	Xylene (Total)	35.0	ug/kg	10.6	07/21/20 00:57	
EPA 8260D	m&p-Xylene	28.7	ug/kg	10.6	07/21/20 00:57	
EPA 8260D	o-Xylene	6.3	ug/kg	5.3	07/21/20 00:57	
ASTM D2974-87	Percent Moisture	26.4	%	0.10	07/15/20 17:46	
92486343002	**MB-2**					
EPA 6010D	Arsenic	4.1	mg/kg	1.0	07/21/20 20:45	
EPA 6010D	Barium	24.3	mg/kg	0.50	07/21/20 20:45	
EPA 6010D	Cadmium	0.16	mg/kg	0.10	07/21/20 20:45	
EPA 6010D	Chromium	10.2	mg/kg	0.50	07/21/20 20:45	
EPA 6010D	Lead	4.8	mg/kg	0.50	07/21/20 20:45	
EPA 6010D	Selenium	3.5	mg/kg	1.0	07/21/20 20:45	
EPA 6010D	Silver	0.76	mg/kg	0.50	07/21/20 20:45	
EPA 7471B	Mercury	0.057	mg/kg	0.0062	07/20/20 17:30	
EPA 8260D	Ethylbenzene	5.9	ug/kg	5.5	07/21/20 01:16	
EPA 8260D	1,2,4-Trimethylbenzene	16.6	ug/kg	5.5	07/21/20 01:16	
EPA 8260D	Xylene (Total)	15.8	ug/kg	11.0	07/21/20 01:16	
EPA 8260D	m&p-Xylene	15.8	ug/kg	11.0	07/21/20 01:16	
ASTM D2974-87	Percent Moisture	23.8	%	0.10	07/15/20 17:46	
92486343003	**MB-3**					
EPA 6010D	Arsenic	4.7	mg/kg	0.79	07/21/20 20:48	
EPA 6010D	Barium	42.5	mg/kg	0.39	07/21/20 20:48	
EPA 6010D	Cadmium	0.14	mg/kg	0.079	07/21/20 20:48	
EPA 6010D	Chromium	22.4	mg/kg	0.39	07/21/20 20:48	
EPA 6010D	Lead	5.2	mg/kg	0.39	07/21/20 20:48	
EPA 6010D	Selenium	2.3	mg/kg	0.79	07/21/20 20:48	
EPA 6010D	Silver	0.72	mg/kg	0.39	07/21/20 20:48	
EPA 7471B	Mercury	0.052	mg/kg	0.0057	07/20/20 17:32	
EPA 8260D	1,2,4-Trimethylbenzene	11.9	ug/kg	5.1	07/21/20 01:35	
EPA 8260D	Xylene (Total)	13.1	ug/kg	10.1	07/21/20 01:35	
EPA 8260D	m&p-Xylene	13.1	ug/kg	10.1	07/21/20 01:35	
ASTM D2974-87	Percent Moisture	22.6	%	0.10	07/15/20 17:46	
92486343004	**MB-3 DUP**					
EPA 6010D	Arsenic	5.6	mg/kg	0.93	07/21/20 20:51	
EPA 6010D	Barium	40.6	mg/kg	0.47	07/21/20 20:51	

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SUMMARY OF DETECTION

Project: Former Monroe Street School
Pace Project No.: 92486343

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92486343004	**MB-3 DUP**					
EPA 6010D	Cadmium	0.14	mg/kg	0.093	07/21/20 20:51	
EPA 6010D	Chromium	20.7	mg/kg	0.47	07/21/20 20:51	
EPA 6010D	Lead	6.2	mg/kg	0.47	07/21/20 20:51	
EPA 6010D	Selenium	2.9	mg/kg	0.93	07/21/20 20:51	
EPA 6010D	Silver	0.72	mg/kg	0.47	07/21/20 20:51	
EPA 7471B	Mercury	0.070	mg/kg	0.0059	07/20/20 17:35	
EPA 8260D	1,2,4-Trimethylbenzene	11.0	ug/kg	5.1	07/21/20 01:53	
EPA 8260D	Xylene (Total)	11.8	ug/kg	10.3	07/21/20 01:53	
EPA 8260D	m&p-Xylene	11.8	ug/kg	10.3	07/21/20 01:53	
ASTM D2974-87	Percent Moisture	21.2	%	0.10	07/15/20 17:47	
92486343005	**MB-4**					
EPA 6010D	Barium	221	mg/kg	0.42	07/20/20 18:10	M1
EPA 6010D	Cadmium	0.16	mg/kg	0.083	07/20/20 18:10	
EPA 6010D	Chromium	2.4	mg/kg	0.42	07/20/20 18:10	
EPA 6010D	Lead	3.3	mg/kg	0.42	07/20/20 18:10	M1
EPA 8260D	1,2,4-Trimethylbenzene	10.1	ug/kg	5.3	07/21/20 02:12	
ASTM D2974-87	Percent Moisture	21.8	%	0.10	07/15/20 17:47	
92486343006	**MB-5**					
EPA 6010D	Barium	194	mg/kg	0.45	07/20/20 18:23	
EPA 6010D	Cadmium	0.22	mg/kg	0.089	07/20/20 18:23	
EPA 6010D	Chromium	4.6	mg/kg	0.45	07/20/20 18:23	
EPA 6010D	Lead	0.58	mg/kg	0.45	07/20/20 18:23	
EPA 7471B	Mercury	0.0028	mg/kg	0.0023	07/20/20 18:23	
EPA 8260D	1,2,4-Trimethylbenzene	8.2	ug/kg	4.9	07/21/20 02:31	
ASTM D2974-87	Percent Moisture	20.9	%	0.10	07/15/20 17:47	

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-1 **Lab ID: 92486343001** Collected: 07/15/20 08:40 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville							
Arsenic	**5.7**	mg/kg	0.96	1	07/17/20 08:16	07/21/20 20:42	7440-38-2	
Barium	**38.2**	mg/kg	0.48	1	07/17/20 08:16	07/21/20 20:42	7440-39-3	
Cadmium	**0.22**	mg/kg	0.096	1	07/17/20 08:16	07/21/20 20:42	7440-43-9	
Chromium	**14.7**	mg/kg	0.48	1	07/17/20 08:16	07/21/20 20:42	7440-47-3	
Lead	**5.5**	mg/kg	0.48	1	07/17/20 08:16	07/21/20 20:42	7439-92-1	
Selenium	**3.9**	mg/kg	0.96	1	07/17/20 08:16	07/21/20 20:42	7782-49-2	
Silver	**0.98**	mg/kg	0.48	1	07/17/20 08:16	07/21/20 20:42	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471B Preparation Method: EPA 7471B Pace Analytical Services - Asheville							
Mercury	**0.072**	mg/kg	0.0070	1	07/17/20 11:56	07/20/20 17:28	7439-97-6	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	83-32-9	
Acenaphthylene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	208-96-8	
Aniline	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	62-53-3	
Anthracene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	120-12-7	
Benzo(a)anthracene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	56-55-3	
Benzo(a)pyrene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	207-08-9	
Benzoic Acid	ND	ug/kg	2270	1	07/17/20 21:16	07/20/20 16:59	65-85-0	
Benzyl alcohol	ND	ug/kg	908	1	07/17/20 21:16	07/20/20 16:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	101-55-3	
Butylbenzylphthalate	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	908	1	07/17/20 21:16	07/20/20 16:59	59-50-7	
4-Chloroaniline	ND	ug/kg	908	1	07/17/20 21:16	07/20/20 16:59	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	111-44-4	
2-Chloronaphthalene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	91-58-7	
2-Chlorophenol	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	7005-72-3	
Chrysene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	53-70-3	
Dibenzofuran	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	908	1	07/17/20 21:16	07/20/20 16:59	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	120-83-2	
Diethylphthalate	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	105-67-9	
Dimethylphthalate	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	131-11-3	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-1 **Lab ID: 92486343001** Collected: 07/15/20 08:40 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546							
	Pace Analytical Services - Charlotte							
Di-n-butylphthalate	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	908	1	07/17/20 21:16	07/20/20 16:59	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2270	1	07/17/20 21:16	07/20/20 16:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	606-20-2	L2,v2
Di-n-octylphthalate	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	117-81-7	
Fluoranthene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	206-44-0	
Fluorene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	87-68-3	
Hexachlorobenzene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	77-47-4	
Hexachloroethane	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	193-39-5	
Isophorone	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	78-59-1	
1-Methylnaphthalene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	90-12-0	
2-Methylnaphthalene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	15831-10-4	
Naphthalene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	91-20-3	
2-Nitroaniline	ND	ug/kg	2270	1	07/17/20 21:16	07/20/20 16:59	88-74-4	
3-Nitroaniline	ND	ug/kg	2270	1	07/17/20 21:16	07/20/20 16:59	99-09-2	
4-Nitroaniline	ND	ug/kg	908	1	07/17/20 21:16	07/20/20 16:59	100-01-6	
Nitrobenzene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	98-95-3	
2-Nitrophenol	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	88-75-5	
4-Nitrophenol	ND	ug/kg	2270	1	07/17/20 21:16	07/20/20 16:59	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	108-60-1	v1
Pentachlorophenol	ND	ug/kg	908	1	07/17/20 21:16	07/20/20 16:59	87-86-5	
Phenanthrene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	85-01-8	
Phenol	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	108-95-2	
Pyrene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	129-00-0	
Pyridine	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	454	1	07/17/20 21:16	07/20/20 16:59	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	50	%	23-110	1	07/17/20 21:16	07/20/20 16:59	4165-60-0	
2-Fluorobiphenyl (S)	40	%	30-110	1	07/17/20 21:16	07/20/20 16:59	321-60-8	
Terphenyl-d14 (S)	58	%	28-110	1	07/17/20 21:16	07/20/20 16:59	1718-51-0	
Phenol-d6 (S)	51	%	22-110	1	07/17/20 21:16	07/20/20 16:59	13127-88-3	
2-Fluorophenol (S)	52	%	13-110	1	07/17/20 21:16	07/20/20 16:59	367-12-4	
2,4,6-Tribromophenol (S)	47	%	27-110	1	07/17/20 21:16	07/20/20 16:59	118-79-6	

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ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-1 **Lab ID: 92486343001** Collected: 07/15/20 08:40 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	106	1	07/20/20 17:07	07/21/20 00:57	67-64-1	
Benzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	71-43-2	
Bromobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	75-27-4	
Bromoform	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	75-25-2	
Bromomethane	ND	ug/kg	10.6	1	07/20/20 17:07	07/21/20 00:57	74-83-9	v2
2-Butanone (MEK)	ND	ug/kg	106	1	07/20/20 17:07	07/21/20 00:57	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	108-90-7	
Chloroethane	ND	ug/kg	10.6	1	07/20/20 17:07	07/21/20 00:57	75-00-3	
Chloroform	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	67-66-3	
Chloromethane	ND	ug/kg	10.6	1	07/20/20 17:07	07/21/20 00:57	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	106-93-4	
Dibromomethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.6	1	07/20/20 17:07	07/21/20 00:57	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	108-20-3	
Ethylbenzene	**10.6**	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	87-68-3	
2-Hexanone	ND	ug/kg	52.8	1	07/20/20 17:07	07/21/20 00:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	99-87-6	
Methylene Chloride	ND	ug/kg	21.1	1	07/20/20 17:07	07/21/20 00:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.8	1	07/20/20 17:07	07/21/20 00:57	108-10-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-1 **Lab ID: 92486343001** Collected: 07/15/20 08:40 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	103-65-1	
Styrene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	127-18-4	
Toluene	**6.8**	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	120-82-1	v2
1,1,1-Trichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	96-18-4	
1,2,4-Trimethylbenzene	**25.6**	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	95-63-6	
1,3,5-Trimethylbenzene	**8.9**	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	108-67-8	
Vinyl acetate	ND	ug/kg	52.8	1	07/20/20 17:07	07/21/20 00:57	108-05-4	
Vinyl chloride	ND	ug/kg	10.6	1	07/20/20 17:07	07/21/20 00:57	75-01-4	
Xylene (Total)	**35.0**	ug/kg	10.6	1	07/20/20 17:07	07/21/20 00:57	1330-20-7	
m&p-Xylene	**28.7**	ug/kg	10.6	1	07/20/20 17:07	07/21/20 00:57	179601-23-1	
o-Xylene	**6.3**	ug/kg	5.3	1	07/20/20 17:07	07/21/20 00:57	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	70-130	1	07/20/20 17:07	07/21/20 00:57	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1	07/20/20 17:07	07/21/20 00:57	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-132	1	07/20/20 17:07	07/21/20 00:57	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
	Pace Analytical Services - Charlotte							
Percent Moisture	**26.4**	%	0.10	1		07/15/20 17:46		

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-2 **Lab ID: 92486343002** Collected: 07/15/20 08:55 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville							
Arsenic	**4.1**	mg/kg	1.0	1	07/17/20 08:16	07/21/20 20:45	7440-38-2	
Barium	**24.3**	mg/kg	0.50	1	07/17/20 08:16	07/21/20 20:45	7440-39-3	
Cadmium	**0.16**	mg/kg	0.10	1	07/17/20 08:16	07/21/20 20:45	7440-43-9	
Chromium	**10.2**	mg/kg	0.50	1	07/17/20 08:16	07/21/20 20:45	7440-47-3	
Lead	**4.8**	mg/kg	0.50	1	07/17/20 08:16	07/21/20 20:45	7439-92-1	
Selenium	**3.5**	mg/kg	1.0	1	07/17/20 08:16	07/21/20 20:45	7782-49-2	
Silver	**0.76**	mg/kg	0.50	1	07/17/20 08:16	07/21/20 20:45	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471B Preparation Method: EPA 7471B Pace Analytical Services - Asheville							
Mercury	**0.057**	mg/kg	0.0062	1	07/17/20 11:56	07/20/20 17:30	7439-97-6	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	83-32-9	
Acenaphthylene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	208-96-8	
Aniline	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	62-53-3	
Anthracene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	120-12-7	
Benzo(a)anthracene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	207-08-9	
Benzoic Acid	ND	ug/kg	2150	1	07/17/20 21:16	07/20/20 17:30	65-85-0	
Benzyl alcohol	ND	ug/kg	860	1	07/17/20 21:16	07/20/20 17:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	101-55-3	
Butylbenzylphthalate	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	860	1	07/17/20 21:16	07/20/20 17:30	59-50-7	
4-Chloroaniline	ND	ug/kg	860	1	07/17/20 21:16	07/20/20 17:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	111-44-4	
2-Chloronaphthalene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	91-58-7	
2-Chlorophenol	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	7005-72-3	
Chrysene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	53-70-3	
Dibenzofuran	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	860	1	07/17/20 21:16	07/20/20 17:30	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	120-83-2	
Diethylphthalate	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	105-67-9	
Dimethylphthalate	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	131-11-3	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-2 **Lab ID: 92486343002** Collected: 07/15/20 08:55 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546							
	Pace Analytical Services - Charlotte							
Di-n-butylphthalate	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	860	1	07/17/20 21:16	07/20/20 17:30	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2150	1	07/17/20 21:16	07/20/20 17:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	606-20-2	L2,v2
Di-n-octylphthalate	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	117-81-7	
Fluoranthene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	206-44-0	
Fluorene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	87-68-3	
Hexachlorobenzene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	77-47-4	
Hexachloroethane	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	193-39-5	
Isophorone	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	78-59-1	
1-Methylnaphthalene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	90-12-0	
2-Methylnaphthalene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	15831-10-4	
Naphthalene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	91-20-3	
2-Nitroaniline	ND	ug/kg	2150	1	07/17/20 21:16	07/20/20 17:30	88-74-4	
3-Nitroaniline	ND	ug/kg	2150	1	07/17/20 21:16	07/20/20 17:30	99-09-2	
4-Nitroaniline	ND	ug/kg	860	1	07/17/20 21:16	07/20/20 17:30	100-01-6	
Nitrobenzene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	98-95-3	
2-Nitrophenol	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	88-75-5	
4-Nitrophenol	ND	ug/kg	2150	1	07/17/20 21:16	07/20/20 17:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	108-60-1	v1
Pentachlorophenol	ND	ug/kg	860	1	07/17/20 21:16	07/20/20 17:30	87-86-5	
Phenanthrene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	85-01-8	
Phenol	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	108-95-2	
Pyrene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	129-00-0	
Pyridine	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	430	1	07/17/20 21:16	07/20/20 17:30	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	58	%	23-110	1	07/17/20 21:16	07/20/20 17:30	4165-60-0	
2-Fluorobiphenyl (S)	50	%	30-110	1	07/17/20 21:16	07/20/20 17:30	321-60-8	
Terphenyl-d14 (S)	66	%	28-110	1	07/17/20 21:16	07/20/20 17:30	1718-51-0	
Phenol-d6 (S)	60	%	22-110	1	07/17/20 21:16	07/20/20 17:30	13127-88-3	
2-Fluorophenol (S)	59	%	13-110	1	07/17/20 21:16	07/20/20 17:30	367-12-4	
2,4,6-Tribromophenol (S)	57	%	27-110	1	07/17/20 21:16	07/20/20 17:30	118-79-6	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-2 **Lab ID: 92486343002** Collected: 07/15/20 08:55 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	110	1	07/20/20 17:07	07/21/20 01:16	67-64-1	
Benzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	75-27-4	
Bromoform	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	75-25-2	
Bromomethane	ND	ug/kg	11.0	1	07/20/20 17:07	07/21/20 01:16	74-83-9	v2,v3
2-Butanone (MEK)	ND	ug/kg	110	1	07/20/20 17:07	07/21/20 01:16	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	108-90-7	
Chloroethane	ND	ug/kg	11.0	1	07/20/20 17:07	07/21/20 01:16	75-00-3	
Chloroform	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	67-66-3	
Chloromethane	ND	ug/kg	11.0	1	07/20/20 17:07	07/21/20 01:16	74-87-3	v3
2-Chlorotoluene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	96-12-8	
Dibromochloromethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.0	1	07/20/20 17:07	07/21/20 01:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	107-06-2	v3
1,1-Dichloroethene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	108-20-3	
Ethylbenzene	**5.9**	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	87-68-3	
2-Hexanone	ND	ug/kg	54.9	1	07/20/20 17:07	07/21/20 01:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	99-87-6	
Methylene Chloride	ND	ug/kg	21.9	1	07/20/20 17:07	07/21/20 01:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.9	1	07/20/20 17:07	07/21/20 01:16	108-10-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-2 **Lab ID: 92486343002** Collected: 07/15/20 08:55 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	103-65-1	
Styrene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	127-18-4	
Toluene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	87-61-6	v2,v3
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	120-82-1	v2,v3
1,1,1-Trichloroethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	96-18-4	
1,2,4-Trimethylbenzene	**16.6**	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	108-67-8	
Vinyl acetate	ND	ug/kg	54.9	1	07/20/20 17:07	07/21/20 01:16	108-05-4	
Vinyl chloride	ND	ug/kg	11.0	1	07/20/20 17:07	07/21/20 01:16	75-01-4	
Xylene (Total)	**15.8**	ug/kg	11.0	1	07/20/20 17:07	07/21/20 01:16	1330-20-7	
m&p-Xylene	**15.8**	ug/kg	11.0	1	07/20/20 17:07	07/21/20 01:16	179601-23-1	
o-Xylene	ND	ug/kg	5.5	1	07/20/20 17:07	07/21/20 01:16	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	07/20/20 17:07	07/21/20 01:16	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1	07/20/20 17:07	07/21/20 01:16	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-132	1	07/20/20 17:07	07/21/20 01:16	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
	Pace Analytical Services - Charlotte							
Percent Moisture	**23.8**	%	0.10	1		07/15/20 17:46		

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 **Lab ID: 92486343003** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville							
Arsenic	**4.7**	mg/kg	0.79	1	07/17/20 08:16	07/21/20 20:48	7440-38-2	
Barium	**42.5**	mg/kg	0.39	1	07/17/20 08:16	07/21/20 20:48	7440-39-3	
Cadmium	**0.14**	mg/kg	0.079	1	07/17/20 08:16	07/21/20 20:48	7440-43-9	
Chromium	**22.4**	mg/kg	0.39	1	07/17/20 08:16	07/21/20 20:48	7440-47-3	
Lead	**5.2**	mg/kg	0.39	1	07/17/20 08:16	07/21/20 20:48	7439-92-1	
Selenium	**2.3**	mg/kg	0.79	1	07/17/20 08:16	07/21/20 20:48	7782-49-2	
Silver	**0.72**	mg/kg	0.39	1	07/17/20 08:16	07/21/20 20:48	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471B Preparation Method: EPA 7471B Pace Analytical Services - Asheville							
Mercury	**0.052**	mg/kg	0.0057	1	07/17/20 11:56	07/20/20 17:32	7439-97-6	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	83-32-9	
Acenaphthylene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	208-96-8	
Aniline	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	62-53-3	
Anthracene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	120-12-7	
Benzo(a)anthracene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	56-55-3	
Benzo(a)pyrene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	207-08-9	
Benzoic Acid	ND	ug/kg	2130	1	07/17/20 21:16	07/20/20 18:01	65-85-0	
Benzyl alcohol	ND	ug/kg	852	1	07/17/20 21:16	07/20/20 18:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	101-55-3	
Butylbenzylphthalate	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	852	1	07/17/20 21:16	07/20/20 18:01	59-50-7	
4-Chloroaniline	ND	ug/kg	852	1	07/17/20 21:16	07/20/20 18:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	111-44-4	
2-Chloronaphthalene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	91-58-7	
2-Chlorophenol	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	7005-72-3	
Chrysene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	53-70-3	
Dibenzofuran	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	852	1	07/17/20 21:16	07/20/20 18:01	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	120-83-2	
Diethylphthalate	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	105-67-9	
Dimethylphthalate	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	131-11-3	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 **Lab ID: 92486343003** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546							
	Pace Analytical Services - Charlotte							
Di-n-butylphthalate	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	852	1	07/17/20 21:16	07/20/20 18:01	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2130	1	07/17/20 21:16	07/20/20 18:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	606-20-2	L2,v2
Di-n-octylphthalate	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	117-81-7	
Fluoranthene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	206-44-0	
Fluorene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	87-68-3	
Hexachlorobenzene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	77-47-4	
Hexachloroethane	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	193-39-5	
Isophorone	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	78-59-1	
1-Methylnaphthalene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	90-12-0	
2-Methylnaphthalene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	15831-10-4	
Naphthalene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	91-20-3	
2-Nitroaniline	ND	ug/kg	2130	1	07/17/20 21:16	07/20/20 18:01	88-74-4	
3-Nitroaniline	ND	ug/kg	2130	1	07/17/20 21:16	07/20/20 18:01	99-09-2	
4-Nitroaniline	ND	ug/kg	852	1	07/17/20 21:16	07/20/20 18:01	100-01-6	
Nitrobenzene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	98-95-3	
2-Nitrophenol	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	88-75-5	
4-Nitrophenol	ND	ug/kg	2130	1	07/17/20 21:16	07/20/20 18:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	108-60-1	v1
Pentachlorophenol	ND	ug/kg	852	1	07/17/20 21:16	07/20/20 18:01	87-86-5	
Phenanthrene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	85-01-8	
Phenol	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	108-95-2	
Pyrene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	129-00-0	
Pyridine	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	426	1	07/17/20 21:16	07/20/20 18:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	52	%	23-110	1	07/17/20 21:16	07/20/20 18:01	4165-60-0	
2-Fluorobiphenyl (S)	33	%	30-110	1	07/17/20 21:16	07/20/20 18:01	321-60-8	
Terphenyl-d14 (S)	72	%	28-110	1	07/17/20 21:16	07/20/20 18:01	1718-51-0	
Phenol-d6 (S)	51	%	22-110	1	07/17/20 21:16	07/20/20 18:01	13127-88-3	
2-Fluorophenol (S)	51	%	13-110	1	07/17/20 21:16	07/20/20 18:01	367-12-4	
2,4,6-Tribromophenol (S)	44	%	27-110	1	07/17/20 21:16	07/20/20 18:01	118-79-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 **Lab ID: 92486343003** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	101	1	07/20/20 17:07	07/21/20 01:35	67-64-1	
Benzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	71-43-2	
Bromobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	75-27-4	
Bromoform	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	75-25-2	
Bromomethane	ND	ug/kg	10.1	1	07/20/20 17:07	07/21/20 01:35	74-83-9	v2
2-Butanone (MEK)	ND	ug/kg	101	1	07/20/20 17:07	07/21/20 01:35	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	108-90-7	
Chloroethane	ND	ug/kg	10.1	1	07/20/20 17:07	07/21/20 01:35	75-00-3	
Chloroform	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	67-66-3	
Chloromethane	ND	ug/kg	10.1	1	07/20/20 17:07	07/21/20 01:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	106-93-4	
Dibromomethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.1	1	07/20/20 17:07	07/21/20 01:35	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	108-20-3	
Ethylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	87-68-3	
2-Hexanone	ND	ug/kg	50.6	1	07/20/20 17:07	07/21/20 01:35	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	99-87-6	
Methylene Chloride	ND	ug/kg	20.2	1	07/20/20 17:07	07/21/20 01:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.6	1	07/20/20 17:07	07/21/20 01:35	108-10-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 **Lab ID: 92486343003** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	1634-04-4	
Naphthalene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	103-65-1	
Styrene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	127-18-4	
Toluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	120-82-1	v2
1,1,1-Trichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	96-18-4	
1,2,4-Trimethylbenzene	**11.9**	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	108-67-8	
Vinyl acetate	ND	ug/kg	50.6	1	07/20/20 17:07	07/21/20 01:35	108-05-4	
Vinyl chloride	ND	ug/kg	10.1	1	07/20/20 17:07	07/21/20 01:35	75-01-4	
Xylene (Total)	**13.1**	ug/kg	10.1	1	07/20/20 17:07	07/21/20 01:35	1330-20-7	
m&p-Xylene	**13.1**	ug/kg	10.1	1	07/20/20 17:07	07/21/20 01:35	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:35	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	70-130	1	07/20/20 17:07	07/21/20 01:35	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130	1	07/20/20 17:07	07/21/20 01:35	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-132	1	07/20/20 17:07	07/21/20 01:35	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
	Pace Analytical Services - Charlotte							
Percent Moisture	**22.6**	%	0.10	1		07/15/20 17:46		

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 DUP **Lab ID: 92486343004** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville							
Arsenic	**5.6**	mg/kg	0.93	1	07/17/20 08:16	07/21/20 20:51	7440-38-2	
Barium	**40.6**	mg/kg	0.47	1	07/17/20 08:16	07/21/20 20:51	7440-39-3	
Cadmium	**0.14**	mg/kg	0.093	1	07/17/20 08:16	07/21/20 20:51	7440-43-9	
Chromium	**20.7**	mg/kg	0.47	1	07/17/20 08:16	07/21/20 20:51	7440-47-3	
Lead	**6.2**	mg/kg	0.47	1	07/17/20 08:16	07/21/20 20:51	7439-92-1	
Selenium	**2.9**	mg/kg	0.93	1	07/17/20 08:16	07/21/20 20:51	7782-49-2	
Silver	**0.72**	mg/kg	0.47	1	07/17/20 08:16	07/21/20 20:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471B Preparation Method: EPA 7471B Pace Analytical Services - Asheville							
Mercury	**0.070**	mg/kg	0.0059	1	07/17/20 11:56	07/20/20 17:35	7439-97-6	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	83-32-9	
Acenaphthylene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	208-96-8	
Aniline	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	62-53-3	
Anthracene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	120-12-7	
Benzo(a)anthracene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	56-55-3	
Benzo(a)pyrene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	207-08-9	
Benzoic Acid	ND	ug/kg	2090	1	07/17/20 21:16	07/20/20 18:33	65-85-0	
Benzyl alcohol	ND	ug/kg	834	1	07/17/20 21:16	07/20/20 18:33	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	101-55-3	
Butylbenzylphthalate	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	834	1	07/17/20 21:16	07/20/20 18:33	59-50-7	
4-Chloroaniline	ND	ug/kg	834	1	07/17/20 21:16	07/20/20 18:33	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	111-44-4	
2-Chloronaphthalene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	91-58-7	
2-Chlorophenol	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	7005-72-3	
Chrysene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	53-70-3	
Dibenzofuran	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	834	1	07/17/20 21:16	07/20/20 18:33	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	120-83-2	
Diethylphthalate	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	105-67-9	
Dimethylphthalate	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	131-11-3	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 DUP **Lab ID: 92486343004** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546							
	Pace Analytical Services - Charlotte							
Di-n-butylphthalate	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	834	1	07/17/20 21:16	07/20/20 18:33	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2090	1	07/17/20 21:16	07/20/20 18:33	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	606-20-2	L2,v2
Di-n-octylphthalate	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	117-81-7	
Fluoranthene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	206-44-0	
Fluorene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	87-68-3	
Hexachlorobenzene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	77-47-4	
Hexachloroethane	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	193-39-5	
Isophorone	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	78-59-1	
1-Methylnaphthalene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	90-12-0	
2-Methylnaphthalene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	15831-10-4	
Naphthalene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	91-20-3	
2-Nitroaniline	ND	ug/kg	2090	1	07/17/20 21:16	07/20/20 18:33	88-74-4	
3-Nitroaniline	ND	ug/kg	2090	1	07/17/20 21:16	07/20/20 18:33	99-09-2	
4-Nitroaniline	ND	ug/kg	834	1	07/17/20 21:16	07/20/20 18:33	100-01-6	
Nitrobenzene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	98-95-3	
2-Nitrophenol	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	88-75-5	
4-Nitrophenol	ND	ug/kg	2090	1	07/17/20 21:16	07/20/20 18:33	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	108-60-1	v1
Pentachlorophenol	ND	ug/kg	834	1	07/17/20 21:16	07/20/20 18:33	87-86-5	
Phenanthrene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	85-01-8	
Phenol	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	108-95-2	
Pyrene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	129-00-0	
Pyridine	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	417	1	07/17/20 21:16	07/20/20 18:33	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	52	%	23-110	1	07/17/20 21:16	07/20/20 18:33	4165-60-0	
2-Fluorobiphenyl (S)	35	%	30-110	1	07/17/20 21:16	07/20/20 18:33	321-60-8	
Terphenyl-d14 (S)	78	%	28-110	1	07/17/20 21:16	07/20/20 18:33	1718-51-0	
Phenol-d6 (S)	53	%	22-110	1	07/17/20 21:16	07/20/20 18:33	13127-88-3	
2-Fluorophenol (S)	52	%	13-110	1	07/17/20 21:16	07/20/20 18:33	367-12-4	
2,4,6-Tribromophenol (S)	43	%	27-110	1	07/17/20 21:16	07/20/20 18:33	118-79-6	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 DUP **Lab ID: 92486343004** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	103	1	07/20/20 17:07	07/21/20 01:53	67-64-1	
Benzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	71-43-2	
Bromobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	75-27-4	
Bromoform	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	75-25-2	
Bromomethane	ND	ug/kg	10.3	1	07/20/20 17:07	07/21/20 01:53	74-83-9	v2
2-Butanone (MEK)	ND	ug/kg	103	1	07/20/20 17:07	07/21/20 01:53	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	108-90-7	
Chloroethane	ND	ug/kg	10.3	1	07/20/20 17:07	07/21/20 01:53	75-00-3	
Chloroform	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	67-66-3	
Chloromethane	ND	ug/kg	10.3	1	07/20/20 17:07	07/21/20 01:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	106-93-4	
Dibromomethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.3	1	07/20/20 17:07	07/21/20 01:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	108-20-3	
Ethylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	87-68-3	
2-Hexanone	ND	ug/kg	51.3	1	07/20/20 17:07	07/21/20 01:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	99-87-6	
Methylene Chloride	ND	ug/kg	20.5	1	07/20/20 17:07	07/21/20 01:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.3	1	07/20/20 17:07	07/21/20 01:53	108-10-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-3 DUP **Lab ID: 92486343004** Collected: 07/15/20 09:10 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	1634-04-4	
Naphthalene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	103-65-1	
Styrene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	127-18-4	
Toluene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	120-82-1	v2
1,1,1-Trichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	96-18-4	
1,2,4-Trimethylbenzene	**11.0**	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	108-67-8	
Vinyl acetate	ND	ug/kg	51.3	1	07/20/20 17:07	07/21/20 01:53	108-05-4	
Vinyl chloride	ND	ug/kg	10.3	1	07/20/20 17:07	07/21/20 01:53	75-01-4	
Xylene (Total)	**11.8**	ug/kg	10.3	1	07/20/20 17:07	07/21/20 01:53	1330-20-7	
m&p-Xylene	**11.8**	ug/kg	10.3	1	07/20/20 17:07	07/21/20 01:53	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1	07/20/20 17:07	07/21/20 01:53	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	07/20/20 17:07	07/21/20 01:53	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1	07/20/20 17:07	07/21/20 01:53	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132	1	07/20/20 17:07	07/21/20 01:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
	Pace Analytical Services - Charlotte							
Percent Moisture	**21.2**	%	0.10	1		07/15/20 17:47		

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-4 **Lab ID: 92486343005** Collected: 07/15/20 09:30 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville							
Arsenic	ND	mg/kg	0.83	1	07/20/20 08:54	07/20/20 18:10	7440-38-2	M1
Barium	**221**	mg/kg	0.42	1	07/20/20 08:54	07/20/20 18:10	7440-39-3	M1
Cadmium	**0.16**	mg/kg	0.083	1	07/20/20 08:54	07/20/20 18:10	7440-43-9	
Chromium	**2.4**	mg/kg	0.42	1	07/20/20 08:54	07/20/20 18:10	7440-47-3	
Lead	**3.3**	mg/kg	0.42	1	07/20/20 08:54	07/20/20 18:10	7439-92-1	M1
Selenium	ND	mg/kg	0.83	1	07/20/20 08:54	07/20/20 18:10	7782-49-2	M1
Silver	ND	mg/kg	0.42	1	07/20/20 08:54	07/20/20 18:10	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471B Preparation Method: EPA 7471B Pace Analytical Services - Asheville							
Mercury	ND	mg/kg	0.0023	1	07/17/20 11:56	07/20/20 18:20	7439-97-6	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	83-32-9	
Acenaphthylene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	208-96-8	
Aniline	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	62-53-3	
Anthracene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	120-12-7	
Benzo(a)anthracene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	56-55-3	
Benzo(a)pyrene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	207-08-9	
Benzoic Acid	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 10:51	65-85-0	
Benzyl alcohol	ND	ug/kg	839	1	07/17/20 21:16	07/21/20 10:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	101-55-3	
Butylbenzylphthalate	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	839	1	07/17/20 21:16	07/21/20 10:51	59-50-7	
4-Chloroaniline	ND	ug/kg	839	1	07/17/20 21:16	07/21/20 10:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	111-44-4	
2-Chloronaphthalene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	91-58-7	
2-Chlorophenol	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	7005-72-3	
Chrysene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	53-70-3	
Dibenzofuran	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	839	1	07/17/20 21:16	07/21/20 10:51	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	120-83-2	
Diethylphthalate	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	105-67-9	
Dimethylphthalate	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	131-11-3	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-4 **Lab ID: 92486343005** Collected: 07/15/20 09:30 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546							
	Pace Analytical Services - Charlotte							
Di-n-butylphthalate	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	839	1	07/17/20 21:16	07/21/20 10:51	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 10:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	606-20-2	L2,v2
Di-n-octylphthalate	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	117-81-7	
Fluoranthene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	206-44-0	
Fluorene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	87-68-3	
Hexachlorobenzene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	77-47-4	v2
Hexachloroethane	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	193-39-5	
Isophorone	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	78-59-1	
1-Methylnaphthalene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	90-12-0	
2-Methylnaphthalene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	15831-10-4	
Naphthalene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	91-20-3	
2-Nitroaniline	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 10:51	88-74-4	
3-Nitroaniline	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 10:51	99-09-2	
4-Nitroaniline	ND	ug/kg	839	1	07/17/20 21:16	07/21/20 10:51	100-01-6	
Nitrobenzene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	98-95-3	
2-Nitrophenol	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 10:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	108-60-1	v1
Pentachlorophenol	ND	ug/kg	839	1	07/17/20 21:16	07/21/20 10:51	87-86-5	
Phenanthrene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	85-01-8	
Phenol	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	108-95-2	v1
Pyrene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	129-00-0	
Pyridine	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	419	1	07/17/20 21:16	07/21/20 10:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	51	%	23-110	1	07/17/20 21:16	07/21/20 10:51	4165-60-0	
2-Fluorobiphenyl (S)	40	%	30-110	1	07/17/20 21:16	07/21/20 10:51	321-60-8	
Terphenyl-d14 (S)	36	%	28-110	1	07/17/20 21:16	07/21/20 10:51	1718-51-0	
Phenol-d6 (S)	58	%	22-110	1	07/17/20 21:16	07/21/20 10:51	13127-88-3	
2-Fluorophenol (S)	55	%	13-110	1	07/17/20 21:16	07/21/20 10:51	367-12-4	
2,4,6-Tribromophenol (S)	45	%	27-110	1	07/17/20 21:16	07/21/20 10:51	118-79-6	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-4 **Lab ID: 92486343005** Collected: 07/15/20 09:30 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	105	1	07/20/20 17:07	07/21/20 02:12	67-64-1	
Benzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	71-43-2	
Bromobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	75-27-4	
Bromoform	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	75-25-2	
Bromomethane	ND	ug/kg	10.5	1	07/20/20 17:07	07/21/20 02:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	105	1	07/20/20 17:07	07/21/20 02:12	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	108-90-7	
Chloroethane	ND	ug/kg	10.5	1	07/20/20 17:07	07/21/20 02:12	75-00-3	
Chloroform	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	67-66-3	
Chloromethane	ND	ug/kg	10.5	1	07/20/20 17:07	07/21/20 02:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	106-93-4	
Dibromomethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.5	1	07/20/20 17:07	07/21/20 02:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	108-20-3	
Ethylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	87-68-3	
2-Hexanone	ND	ug/kg	52.7	1	07/20/20 17:07	07/21/20 02:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	99-87-6	
Methylene Chloride	ND	ug/kg	21.1	1	07/20/20 17:07	07/21/20 02:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.7	1	07/20/20 17:07	07/21/20 02:12	108-10-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-4 **Lab ID: 92486343005** Collected: 07/15/20 09:30 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	103-65-1	
Styrene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	79-34-5	
Tetrachloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	127-18-4	
Toluene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	79-00-5	
Trichloroethene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	96-18-4	
1,2,4-Trimethylbenzene	**10.1**	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	108-67-8	
Vinyl acetate	ND	ug/kg	52.7	1	07/20/20 17:07	07/21/20 02:12	108-05-4	
Vinyl chloride	ND	ug/kg	10.5	1	07/20/20 17:07	07/21/20 02:12	75-01-4	
Xylene (Total)	ND	ug/kg	10.5	1	07/20/20 17:07	07/21/20 02:12	1330-20-7	
m&p-Xylene	ND	ug/kg	10.5	1	07/20/20 17:07	07/21/20 02:12	179601-23-1	
o-Xylene	ND	ug/kg	5.3	1	07/20/20 17:07	07/21/20 02:12	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	07/20/20 17:07	07/21/20 02:12	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1	07/20/20 17:07	07/21/20 02:12	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-132	1	07/20/20 17:07	07/21/20 02:12	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
	Pace Analytical Services - Charlotte							
Percent Moisture	**21.8**	%	0.10	1		07/15/20 17:47		

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-5 **Lab ID: 92486343006** Collected: 07/15/20 09:45 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville							
Arsenic	ND	mg/kg	0.89	1	07/20/20 08:54	07/20/20 18:23	7440-38-2	
Barium	**194**	mg/kg	0.45	1	07/20/20 08:54	07/20/20 18:23	7440-39-3	
Cadmium	**0.22**	mg/kg	0.089	1	07/20/20 08:54	07/20/20 18:23	7440-43-9	
Chromium	**4.6**	mg/kg	0.45	1	07/20/20 08:54	07/20/20 18:23	7440-47-3	
Lead	**0.58**	mg/kg	0.45	1	07/20/20 08:54	07/20/20 18:23	7439-92-1	
Selenium	ND	mg/kg	0.89	1	07/20/20 08:54	07/20/20 18:23	7782-49-2	
Silver	ND	mg/kg	0.45	1	07/20/20 08:54	07/20/20 18:23	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471B Preparation Method: EPA 7471B Pace Analytical Services - Asheville							
Mercury	**0.0028**	mg/kg	0.0023	1	07/17/20 11:56	07/20/20 18:23	7439-97-6	
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	83-32-9	
Acenaphthylene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	208-96-8	
Aniline	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	62-53-3	
Anthracene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	120-12-7	
Benzo(a)anthracene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	56-55-3	
Benzo(a)pyrene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	207-08-9	
Benzoic Acid	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 11:22	65-85-0	
Benzyl alcohol	ND	ug/kg	840	1	07/17/20 21:16	07/21/20 11:22	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	101-55-3	
Butylbenzylphthalate	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	840	1	07/17/20 21:16	07/21/20 11:22	59-50-7	
4-Chloroaniline	ND	ug/kg	840	1	07/17/20 21:16	07/21/20 11:22	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	111-44-4	
2-Chloronaphthalene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	91-58-7	
2-Chlorophenol	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	7005-72-3	
Chrysene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	53-70-3	
Dibenzofuran	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	840	1	07/17/20 21:16	07/21/20 11:22	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	120-83-2	
Diethylphthalate	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	105-67-9	
Dimethylphthalate	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	131-11-3	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-5 **Lab ID: 92486343006** Collected: 07/15/20 09:45 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546							
	Pace Analytical Services - Charlotte							
Di-n-butylphthalate	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	840	1	07/17/20 21:16	07/21/20 11:22	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 11:22	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	606-20-2	L2,v2
Di-n-octylphthalate	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	117-81-7	
Fluoranthene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	206-44-0	
Fluorene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	87-68-3	
Hexachlorobenzene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	77-47-4	v2
Hexachloroethane	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	193-39-5	
Isophorone	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	78-59-1	
1-Methylnaphthalene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	90-12-0	
2-Methylnaphthalene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	15831-10-4	
Naphthalene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	91-20-3	
2-Nitroaniline	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 11:22	88-74-4	
3-Nitroaniline	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 11:22	99-09-2	
4-Nitroaniline	ND	ug/kg	840	1	07/17/20 21:16	07/21/20 11:22	100-01-6	
Nitrobenzene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	98-95-3	
2-Nitrophenol	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	1	07/17/20 21:16	07/21/20 11:22	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	108-60-1	v1
Pentachlorophenol	ND	ug/kg	840	1	07/17/20 21:16	07/21/20 11:22	87-86-5	
Phenanthrene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	85-01-8	
Phenol	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	108-95-2	v1
Pyrene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	129-00-0	
Pyridine	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	110-86-1	
1,2,4-Trichlorobenzene	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	420	1	07/17/20 21:16	07/21/20 11:22	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	42	%	23-110	1	07/17/20 21:16	07/21/20 11:22	4165-60-0	
2-Fluorobiphenyl (S)	34	%	30-110	1	07/17/20 21:16	07/21/20 11:22	321-60-8	
Terphenyl-d14 (S)	47	%	28-110	1	07/17/20 21:16	07/21/20 11:22	1718-51-0	
Phenol-d6 (S)	49	%	22-110	1	07/17/20 21:16	07/21/20 11:22	13127-88-3	
2-Fluorophenol (S)	45	%	13-110	1	07/17/20 21:16	07/21/20 11:22	367-12-4	
2,4,6-Tribromophenol (S)	37	%	27-110	1	07/17/20 21:16	07/21/20 11:22	118-79-6	

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(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-5 **Lab ID: 92486343006** Collected: 07/15/20 09:45 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte							
Acetone	ND	ug/kg	98.7	1	07/20/20 17:07	07/21/20 02:31	67-64-1	
Benzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	75-27-4	
Bromoform	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	75-25-2	
Bromomethane	ND	ug/kg	9.9	1	07/20/20 17:07	07/21/20 02:31	74-83-9	v2
2-Butanone (MEK)	ND	ug/kg	98.7	1	07/20/20 17:07	07/21/20 02:31	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	108-90-7	
Chloroethane	ND	ug/kg	9.9	1	07/20/20 17:07	07/21/20 02:31	75-00-3	
Chloroform	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	67-66-3	
Chloromethane	ND	ug/kg	9.9	1	07/20/20 17:07	07/21/20 02:31	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	106-93-4	
Dibromomethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.9	1	07/20/20 17:07	07/21/20 02:31	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	108-20-3	
Ethylbenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	87-68-3	
2-Hexanone	ND	ug/kg	49.3	1	07/20/20 17:07	07/21/20 02:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	99-87-6	
Methylene Chloride	ND	ug/kg	19.7	1	07/20/20 17:07	07/21/20 02:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.3	1	07/20/20 17:07	07/21/20 02:31	108-10-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: MB-5 **Lab ID: 92486343006** Collected: 07/15/20 09:45 Received: 07/15/20 15:50 Matrix: Solid

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

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B							
	Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	103-65-1	
Styrene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	79-34-5	
Tetrachloroethene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	127-18-4	
Toluene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	120-82-1	v2
1,1,1-Trichloroethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	79-00-5	
Trichloroethene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	96-18-4	
1,2,4-Trimethylbenzene	**8.2**	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	108-67-8	
Vinyl acetate	ND	ug/kg	49.3	1	07/20/20 17:07	07/21/20 02:31	108-05-4	
Vinyl chloride	ND	ug/kg	9.9	1	07/20/20 17:07	07/21/20 02:31	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	1	07/20/20 17:07	07/21/20 02:31	1330-20-7	
m&p-Xylene	ND	ug/kg	9.9	1	07/20/20 17:07	07/21/20 02:31	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1	07/20/20 17:07	07/21/20 02:31	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	07/20/20 17:07	07/21/20 02:31	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130	1	07/20/20 17:07	07/21/20 02:31	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-132	1	07/20/20 17:07	07/21/20 02:31	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
	Pace Analytical Services - Charlotte							
Percent Moisture	**20.9**	%	0.10	1		07/15/20 17:47		

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: TB-1 **Lab ID: 92486343007** Collected: 07/15/20 11:15 Received: 07/15/20 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Acetone	ND	ug/L	25.0	1		07/16/20 21:10	67-64-1	
Benzene	ND	ug/L	1.0	1		07/16/20 21:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/16/20 21:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/16/20 21:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/16/20 21:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/16/20 21:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/16/20 21:10	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	1		07/16/20 21:10	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/16/20 21:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/16/20 21:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/16/20 21:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		07/16/20 21:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/16/20 21:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/16/20 21:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/16/20 21:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/16/20 21:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/16/20 21:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/16/20 21:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/16/20 21:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/16/20 21:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/16/20 21:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/16/20 21:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/16/20 21:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/16/20 21:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/16/20 21:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/16/20 21:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/16/20 21:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/16/20 21:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/16/20 21:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/16/20 21:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/16/20 21:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/16/20 21:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/16/20 21:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/16/20 21:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/16/20 21:10	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/16/20 21:10	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		07/16/20 21:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/16/20 21:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/16/20 21:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/16/20 21:10	91-20-3	
Styrene	ND	ug/L	1.0	1		07/16/20 21:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/16/20 21:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/16/20 21:10	79-34-5	

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ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: TB-1 **Lab ID: 92486343007** Collected: 07/15/20 11:15 Received: 07/15/20 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
Tetrachloroethene	ND	ug/L	1.0	1		07/16/20 21:10	127-18-4	
Toluene	ND	ug/L	1.0	1		07/16/20 21:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/16/20 21:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/16/20 21:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/16/20 21:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/16/20 21:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/16/20 21:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/16/20 21:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/16/20 21:10	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		07/16/20 21:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/16/20 21:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/16/20 21:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		07/16/20 21:10	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		07/16/20 21:10	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		07/16/20 21:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: TB-2 **Lab ID: 92486343008** Collected: 07/15/20 11:20 Received: 07/15/20 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Acetone	ND	ug/L	25.0	1		07/16/20 21:28	67-64-1	
Benzene	ND	ug/L	1.0	1		07/16/20 21:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/16/20 21:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/16/20 21:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/16/20 21:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/16/20 21:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/16/20 21:28	74-83-9	v2
2-Butanone (MEK)	ND	ug/L	5.0	1		07/16/20 21:28	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/16/20 21:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/16/20 21:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/16/20 21:28	75-00-3	
Chloroform	ND	ug/L	5.0	1		07/16/20 21:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/16/20 21:28	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/16/20 21:28	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/16/20 21:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/16/20 21:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/16/20 21:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/16/20 21:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/16/20 21:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/16/20 21:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/16/20 21:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/16/20 21:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/16/20 21:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/16/20 21:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/16/20 21:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/16/20 21:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/16/20 21:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/16/20 21:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/16/20 21:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/16/20 21:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/16/20 21:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/16/20 21:28	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/16/20 21:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/16/20 21:28	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/16/20 21:28	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/16/20 21:28	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		07/16/20 21:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/16/20 21:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/16/20 21:28	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/16/20 21:28	91-20-3	
Styrene	ND	ug/L	1.0	1		07/16/20 21:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/16/20 21:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/16/20 21:28	79-34-5	

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ANALYTICAL RESULTS

Project: Former Monroe Street School
Pace Project No.: 92486343

Sample: TB-2 **Lab ID: 92486343008** Collected: 07/15/20 11:20 Received: 07/15/20 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
Tetrachloroethene	ND	ug/L	1.0	1		07/16/20 21:28	127-18-4	
Toluene	ND	ug/L	1.0	1		07/16/20 21:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/16/20 21:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/16/20 21:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/16/20 21:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/16/20 21:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/16/20 21:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/16/20 21:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/16/20 21:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/16/20 21:28	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		07/16/20 21:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/16/20 21:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/16/20 21:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		07/16/20 21:28	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		07/16/20 21:28	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		07/16/20 21:28	2037-26-5	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 553975
QC Batch Method: EPA 7471B
Analysis Method: EPA 7471B
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004

METHOD BLANK: 2943278 Matrix: Solid
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0060	07/20/20 12:59	

LABORATORY CONTROL SAMPLE: 2943279

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.083	0.086	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2943280 2943281

Parameter	Units	92486339005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	mg/kg	ND	0.12	0.13	0.12	0.12	93	94	75-125	3	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 554021
QC Batch Method: EPA 7471B
Analysis Method: EPA 7471B
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92486343005, 92486343006

METHOD BLANK: 2943406 Matrix: Solid
Associated Lab Samples: 92486343005, 92486343006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0060	07/20/20 18:01	

LABORATORY CONTROL SAMPLE: 2943407

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.083	0.076	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2943408 2943409

Parameter	Units	92485611001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	mg/kg	0.033	0.053	0.055	0.10	0.13	126	187	75-125	29	M1,R1

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 553974
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004

METHOD BLANK: 2943274
Matrix: Solid
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	07/21/20 19:40	
Barium	mg/kg	ND	0.50	07/21/20 19:40	
Cadmium	mg/kg	ND	0.10	07/21/20 19:40	
Chromium	mg/kg	ND	0.50	07/21/20 19:40	
Lead	mg/kg	ND	0.50	07/21/20 19:40	
Selenium	mg/kg	ND	1.0	07/21/20 19:40	
Silver	mg/kg	ND	0.50	07/21/20 19:40	

LABORATORY CONTROL SAMPLE: 2943275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.5	99	80-120	
Barium	mg/kg	50	51.5	103	80-120	
Cadmium	mg/kg	50	48.8	98	80-120	
Chromium	mg/kg	50	50.4	101	80-120	
Lead	mg/kg	50	50.8	102	80-120	
Selenium	mg/kg	50	46.0	92	80-120	
Silver	mg/kg	25	23.9	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2943276 2943277

Parameter	Units	92486339005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	mg/kg	8.1	66	65.1	75.5	72.3	102	99	75-125	4	
Barium	mg/kg	2.6	66	65.1	72.1	68.5	105	101	75-125	5	
Cadmium	mg/kg	1.3	66	65.1	72.8	69.3	108	104	75-125	5	
Chromium	mg/kg	3730	66	65.1	3700	3500	-55	-357	75-125	5	M6
Lead	mg/kg	251	66	65.1	296	284	67	51	75-125	4	M1
Selenium	mg/kg	38.7	66	65.1	50.6	50.1	18	18	75-125	1	M1
Silver	mg/kg				47.6	47.1				1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 554305
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92486343005, 92486343006

METHOD BLANK: 2944924
Matrix: Solid
Associated Lab Samples: 92486343005, 92486343006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	1.0	07/20/20 18:03	
Barium	mg/kg	ND	0.50	07/20/20 18:03	
Cadmium	mg/kg	ND	0.10	07/20/20 18:03	
Chromium	mg/kg	ND	0.50	07/20/20 18:03	
Lead	mg/kg	ND	0.50	07/20/20 18:03	
Selenium	mg/kg	ND	1.0	07/20/20 18:03	
Silver	mg/kg	ND	0.50	07/20/20 18:03	

LABORATORY CONTROL SAMPLE: 2944925

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	43.3	87	80-120	
Barium	mg/kg	50	47.9	96	80-120	
Cadmium	mg/kg	50	45.8	92	80-120	
Chromium	mg/kg	50	46.3	93	80-120	
Lead	mg/kg	50	46.1	92	80-120	
Selenium	mg/kg	50	41.3	83	80-120	
Silver	mg/kg	25	21.9	87	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2944926 2944927

Parameter	Units	92486343005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	mg/kg	ND	41.1	39.9	28.4	25.8	68	63	75-125	10	M1
Barium	mg/kg	221	41.1	39.9	174	176	-115	-114	75-125	1	M1
Cadmium	mg/kg	0.16	41.1	39.9	33.7	31.9	82	79	75-125	6	
Chromium	mg/kg	2.4	41.1	39.9	36.3	34.6	83	81	75-125	5	
Lead	mg/kg	3.3	41.1	39.9	34.3	32.2	76	72	75-125	6	M1
Selenium	mg/kg	ND	41.1	39.9	27.2	25.1	66	63	75-125	8	M1
Silver	mg/kg	ND	20.5	20	17.2	16.7	84	84	75-125	3	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 554511
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004, 92486343005, 92486343006

METHOD BLANK: 2945847
Matrix: Solid
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004, 92486343005, 92486343006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	07/21/20 00:39	
1,1,1-Trichloroethane	ug/kg	ND	5.0	07/21/20 00:39	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	07/21/20 00:39	
1,1,2-Trichloroethane	ug/kg	ND	5.0	07/21/20 00:39	
1,1-Dichloroethane	ug/kg	ND	5.0	07/21/20 00:39	
1,1-Dichloroethene	ug/kg	ND	5.0	07/21/20 00:39	
1,1-Dichloropropene	ug/kg	ND	5.0	07/21/20 00:39	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	07/21/20 00:39	v2
1,2,3-Trichloropropane	ug/kg	ND	5.0	07/21/20 00:39	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	07/21/20 00:39	v2
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	07/21/20 00:39	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	07/21/20 00:39	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	07/21/20 00:39	
1,2-Dichlorobenzene	ug/kg	ND	5.0	07/21/20 00:39	
1,2-Dichloroethane	ug/kg	ND	5.0	07/21/20 00:39	
1,2-Dichloropropane	ug/kg	ND	5.0	07/21/20 00:39	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	07/21/20 00:39	
1,3-Dichlorobenzene	ug/kg	ND	5.0	07/21/20 00:39	
1,3-Dichloropropane	ug/kg	ND	5.0	07/21/20 00:39	
1,4-Dichlorobenzene	ug/kg	ND	5.0	07/21/20 00:39	
2,2-Dichloropropane	ug/kg	ND	5.0	07/21/20 00:39	
2-Butanone (MEK)	ug/kg	ND	100	07/21/20 00:39	
2-Chlorotoluene	ug/kg	ND	5.0	07/21/20 00:39	
2-Hexanone	ug/kg	ND	50.0	07/21/20 00:39	
4-Chlorotoluene	ug/kg	ND	5.0	07/21/20 00:39	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	07/21/20 00:39	
Acetone	ug/kg	ND	100	07/21/20 00:39	
Benzene	ug/kg	ND	5.0	07/21/20 00:39	
Bromobenzene	ug/kg	ND	5.0	07/21/20 00:39	
Bromochloromethane	ug/kg	ND	5.0	07/21/20 00:39	
Bromodichloromethane	ug/kg	ND	5.0	07/21/20 00:39	
Bromoform	ug/kg	ND	5.0	07/21/20 00:39	
Bromomethane	ug/kg	ND	10.0	07/21/20 00:39	v2
Carbon tetrachloride	ug/kg	ND	5.0	07/21/20 00:39	
Chlorobenzene	ug/kg	ND	5.0	07/21/20 00:39	
Chloroethane	ug/kg	ND	10.0	07/21/20 00:39	
Chloroform	ug/kg	ND	5.0	07/21/20 00:39	
Chloromethane	ug/kg	ND	10.0	07/21/20 00:39	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	07/21/20 00:39	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	07/21/20 00:39	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

METHOD BLANK: 2945847 Matrix: Solid
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004, 92486343005, 92486343006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	07/21/20 00:39	
Dibromomethane	ug/kg	ND	5.0	07/21/20 00:39	
Dichlorodifluoromethane	ug/kg	ND	10.0	07/21/20 00:39	
Diisopropyl ether	ug/kg	ND	5.0	07/21/20 00:39	
Ethylbenzene	ug/kg	ND	5.0	07/21/20 00:39	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	07/21/20 00:39	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	07/21/20 00:39	
m&p-Xylene	ug/kg	ND	10.0	07/21/20 00:39	
Methyl-tert-butyl ether	ug/kg	ND	5.0	07/21/20 00:39	
Methylene Chloride	ug/kg	ND	20.0	07/21/20 00:39	
n-Butylbenzene	ug/kg	ND	5.0	07/21/20 00:39	
n-Propylbenzene	ug/kg	ND	5.0	07/21/20 00:39	
Naphthalene	ug/kg	ND	5.0	07/21/20 00:39	
o-Xylene	ug/kg	ND	5.0	07/21/20 00:39	
p-Isopropyltoluene	ug/kg	ND	5.0	07/21/20 00:39	
sec-Butylbenzene	ug/kg	ND	5.0	07/21/20 00:39	
Styrene	ug/kg	ND	5.0	07/21/20 00:39	
tert-Butylbenzene	ug/kg	ND	5.0	07/21/20 00:39	
Tetrachloroethene	ug/kg	ND	5.0	07/21/20 00:39	
Toluene	ug/kg	ND	5.0	07/21/20 00:39	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	07/21/20 00:39	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	07/21/20 00:39	
Trichloroethene	ug/kg	ND	5.0	07/21/20 00:39	
Trichlorofluoromethane	ug/kg	ND	5.0	07/21/20 00:39	
Vinyl acetate	ug/kg	ND	50.0	07/21/20 00:39	
Vinyl chloride	ug/kg	ND	10.0	07/21/20 00:39	
Xylene (Total)	ug/kg	ND	10.0	07/21/20 00:39	
1,2-Dichloroethane-d4 (S)	%	104	70-132	07/21/20 00:39	
4-Bromofluorobenzene (S)	%	97	70-130	07/21/20 00:39	
Toluene-d8 (S)	%	99	70-130	07/21/20 00:39	

LABORATORY CONTROL SAMPLE: 2945848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1290	103	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1110	89	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1320	106	55-130	
1,1,2-Trichloroethane	ug/kg	1250	1140	91	70-130	
1,1-Dichloroethane	ug/kg	1250	1070	85	68-130	
1,1-Dichloroethene	ug/kg	1250	1130	91	70-130	
1,1-Dichloropropene	ug/kg	1250	1100	88	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1050	84	70-130	v3
1,2,3-Trichloropropane	ug/kg	1250	1310	105	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1040	83	70-130	v3

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

LABORATORY CONTROL SAMPLE: 2945848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1230	98	69-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1350	108	57-141	
1,2-Dibromoethane (EDB)	ug/kg	1250	1310	105	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
1,2-Dichloroethane	ug/kg	1250	999	80	70-130	
1,2-Dichloropropane	ug/kg	1250	1140	91	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1220	97	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1210	96	70-130	
1,3-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1180	94	70-130	
2,2-Dichloropropane	ug/kg	1250	1020	82	70-130	
2-Butanone (MEK)	ug/kg	2500	2380	95	60-130	
2-Chlorotoluene	ug/kg	1250	1300	104	70-130	
2-Hexanone	ug/kg	2500	2840	114	70-132	
4-Chlorotoluene	ug/kg	1250	1290	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2380	95	69-130	
Acetone	ug/kg	2500	2210	88	49-148	
Benzene	ug/kg	1250	1090	87	70-130	
Bromobenzene	ug/kg	1250	1310	105	70-130	
Bromochloromethane	ug/kg	1250	1230	99	70-130	
Bromodichloromethane	ug/kg	1250	1030	82	70-130	
Bromoform	ug/kg	1250	1320	105	68-136	
Bromomethane	ug/kg	1250	902	72	60-140	v3
Carbon tetrachloride	ug/kg	1250	1110	89	70-130	
Chlorobenzene	ug/kg	1250	1240	99	70-130	
Chloroethane	ug/kg	1250	1250	100	51-147	
Chloroform	ug/kg	1250	1110	89	70-130	
Chloromethane	ug/kg	1250	824	66	48-130	
cis-1,2-Dichloroethene	ug/kg	1250	1130	90	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1140	91	70-130	
Dibromochloromethane	ug/kg	1250	1360	109	70-130	
Dibromomethane	ug/kg	1250	1150	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	918	73	49-130	
Diisopropyl ether	ug/kg	1250	1060	85	66-130	
Ethylbenzene	ug/kg	1250	1160	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	94	70-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1140	91	70-130	
m&p-Xylene	ug/kg	2500	2410	96	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1090	87	70-130	
Methylene Chloride	ug/kg	1250	1120	89	50-137	
n-Butylbenzene	ug/kg	1250	1070	86	70-130	
n-Propylbenzene	ug/kg	1250	1230	98	70-130	
Naphthalene	ug/kg	1250	1270	101	70-131	
o-Xylene	ug/kg	1250	1270	102	70-130	
p-Isopropyltoluene	ug/kg	1250	1070	86	70-130	
sec-Butylbenzene	ug/kg	1250	1100	88	70-130	
Styrene	ug/kg	1250	1310	105	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

LABORATORY CONTROL SAMPLE: 2945848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1090	87	69-130	
Tetrachloroethene	ug/kg	1250	1210	97	56-130	
Toluene	ug/kg	1250	1150	92	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1110	89	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1100	88	70-130	
Trichloroethene	ug/kg	1250	1110	89	70-141	
Trichlorofluoromethane	ug/kg	1250	1140	91	67-130	
Vinyl acetate	ug/kg	2500	2420	97	10-136	
Vinyl chloride	ug/kg	1250	1020	82	67-130	
Xylene (Total)	ug/kg	3750	3680	98	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-132	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE SAMPLE: 2946629

Parameter	Units	92486343002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	732	710	97	52-133	
1,1,1-Trichloroethane	ug/kg	ND	732	617	84	49-137	
1,1,2,2-Tetrachloroethane	ug/kg	ND	732	713	97	39-150	
1,1,2-Trichloroethane	ug/kg	ND	732	623	85	48-140	
1,1-Dichloroethane	ug/kg	ND	732	621	85	46-135	
1,1-Dichloroethene	ug/kg	ND	732	659	90	38-149	
1,1-Dichloropropene	ug/kg	ND	732	615	84	41-140	
1,2,3-Trichlorobenzene	ug/kg	ND	732	575	79	10-158	v3
1,2,3-Trichloropropane	ug/kg	ND	732	701	96	33-157	
1,2,4-Trichlorobenzene	ug/kg	ND	732	565	77	10-155	v3
1,2,4-Trimethylbenzene	ug/kg	16.6	732	662	88	24-154	
1,2-Dibromo-3-chloropropane	ug/kg	ND	732	668	91	33-158	
1,2-Dibromoethane (EDB)	ug/kg	ND	732	691	94	40-136	
1,2-Dichlorobenzene	ug/kg	ND	732	654	89	27-146	
1,2-Dichloroethane	ug/kg	ND	732	545	74	49-140	v3
1,2-Dichloropropane	ug/kg	ND	732	631	86	44-143	
1,3,5-Trimethylbenzene	ug/kg	ND	732	652	88	40-144	
1,3-Dichlorobenzene	ug/kg	ND	732	655	90	33-140	
1,3-Dichloropropane	ug/kg	ND	732	723	99	47-147	
1,4-Dichlorobenzene	ug/kg	ND	732	656	90	35-139	
2,2-Dichloropropane	ug/kg	ND	732	545	74	41-140	
2-Butanone (MEK)	ug/kg	ND	1470	1190	81	10-181	
2-Chlorotoluene	ug/kg	ND	732	706	96	38-147	
2-Hexanone	ug/kg	ND	1470	1490	102	18-169	
4-Chlorotoluene	ug/kg	ND	732	710	97	36-145	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1470	1270	87	16-175	
Acetone	ug/kg	ND	1470	1050	72	10-200	
Benzene	ug/kg	ND	732	609	83	46-136	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

MATRIX SPIKE SAMPLE: 2946629

Parameter	Units	92486343002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	732	719	98	38-149	
Bromochloromethane	ug/kg	ND	732	683	93	44-142	
Bromodichloromethane	ug/kg	ND	732	552	75	41-140	
Bromoform	ug/kg	ND	732	666	91	34-145	
Bromomethane	ug/kg	ND	732	459	63	14-162	v3
Carbon tetrachloride	ug/kg	ND	732	628	86	44-141	
Chlorobenzene	ug/kg	ND	732	700	96	39-141	
Chloroethane	ug/kg	ND	732	248	34	10-182	
Chloroform	ug/kg	ND	732	603	82	45-140	
Chloromethane	ug/kg	ND	732	544	74	19-149	v3
cis-1,2-Dichloroethene	ug/kg	ND	732	630	86	38-150	
cis-1,3-Dichloropropene	ug/kg	ND	732	598	82	30-144	
Dibromochloromethane	ug/kg	ND	732	700	96	36-145	
Dibromomethane	ug/kg	ND	732	610	83	41-145	
Dichlorodifluoromethane	ug/kg	ND	732	617	84	16-146	
Diisopropyl ether	ug/kg	ND	732	613	84	41-143	
Ethylbenzene	ug/kg	5.9	732	648	88	35-144	
Hexachloro-1,3-butadiene	ug/kg	ND	732	637	87	10-160	
Isopropylbenzene (Cumene)	ug/kg	ND	732	621	85	30-152	
m&p-Xylene	ug/kg	15.8	1470	1300	87	33-145	
Methyl-tert-butyl ether	ug/kg	ND	732	613	84	49-140	
Methylene Chloride	ug/kg	ND	732	691	94	10-174	
n-Butylbenzene	ug/kg	ND	732	581	79	10-160	
n-Propylbenzene	ug/kg	ND	732	681	92	24-159	
Naphthalene	ug/kg	ND	732	666	90	10-171	
o-Xylene	ug/kg	ND	732	681	93	31-150	
p-Isopropyltoluene	ug/kg	ND	732	592	81	21-154	
sec-Butylbenzene	ug/kg	ND	732	615	84	19-159	
Styrene	ug/kg	ND	732	688	94	15-152	
tert-Butylbenzene	ug/kg	ND	732	613	84	31-141	
Tetrachloroethene	ug/kg	ND	732	683	93	19-141	
Toluene	ug/kg	ND	732	638	87	31-146	
trans-1,2-Dichloroethene	ug/kg	ND	732	647	88	28-157	
trans-1,3-Dichloropropene	ug/kg	ND	732	585	80	25-146	
Trichloroethene	ug/kg	ND	732	613	84	34-149	
Trichlorofluoromethane	ug/kg	ND	732	285	39	10-167	
Vinyl acetate	ug/kg	ND	1470	1260	86	10-200	
Vinyl chloride	ug/kg	ND	732	661	90	36-155	
Xylene (Total)	ug/kg	15.8	2190	1980	89	29-148	
1,2-Dichloroethane-d4 (S)	%				110	70-132	
4-Bromofluorobenzene (S)	%				94	70-130	
Toluene-d8 (S)	%				98	70-130	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

SAMPLE DUPLICATE: 2946628

Parameter	Units	92486343001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,1-Trichloroethane	ug/kg	ND	ND		
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,2-Trichloroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,1-Dichloropropene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		v2
1,2,3-Trichloropropane	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	ND		v2
1,2,4-Trimethylbenzene	ug/kg	25.6	ND		
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,2-Dichloroethane	ug/kg	ND	ND		v2
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	8.9	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	ND		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	ND		
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		v2
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		v2
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	10.6	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

SAMPLE DUPLICATE: 2946628

Parameter	Units	92486343001 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/kg	28.7	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
o-Xylene	ug/kg	6.3	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	6.8	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		
Xylene (Total)	ug/kg	35.0	ND		
1,2-Dichloroethane-d4 (S)	%	110	106		
4-Bromofluorobenzene (S)	%	102	93		
Toluene-d8 (S)	%	98	99		

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 553809
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486343007, 92486343008

METHOD BLANK: 2942405
Matrix: Water
Associated Lab Samples: 92486343007, 92486343008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/16/20 18:10	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/16/20 18:10	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/16/20 18:10	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/16/20 18:10	
1,1-Dichloroethane	ug/L	ND	1.0	07/16/20 18:10	
1,1-Dichloroethene	ug/L	ND	1.0	07/16/20 18:10	
1,1-Dichloropropene	ug/L	ND	1.0	07/16/20 18:10	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/16/20 18:10	
1,2,3-Trichloropropane	ug/L	ND	1.0	07/16/20 18:10	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/16/20 18:10	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	07/16/20 18:10	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/16/20 18:10	
1,2-Dichlorobenzene	ug/L	ND	1.0	07/16/20 18:10	
1,2-Dichloroethane	ug/L	ND	1.0	07/16/20 18:10	
1,2-Dichloropropane	ug/L	ND	1.0	07/16/20 18:10	
1,3-Dichlorobenzene	ug/L	ND	1.0	07/16/20 18:10	
1,3-Dichloropropane	ug/L	ND	1.0	07/16/20 18:10	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/16/20 18:10	
2,2-Dichloropropane	ug/L	ND	1.0	07/16/20 18:10	
2-Butanone (MEK)	ug/L	ND	5.0	07/16/20 18:10	
2-Chlorotoluene	ug/L	ND	1.0	07/16/20 18:10	
2-Hexanone	ug/L	ND	5.0	07/16/20 18:10	
4-Chlorotoluene	ug/L	ND	1.0	07/16/20 18:10	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/16/20 18:10	
Acetone	ug/L	ND	25.0	07/16/20 18:10	
Benzene	ug/L	ND	1.0	07/16/20 18:10	
Bromobenzene	ug/L	ND	1.0	07/16/20 18:10	
Bromochloromethane	ug/L	ND	1.0	07/16/20 18:10	
Bromodichloromethane	ug/L	ND	1.0	07/16/20 18:10	
Bromoform	ug/L	ND	1.0	07/16/20 18:10	
Bromomethane	ug/L	ND	2.0	07/16/20 18:10	v2
Carbon tetrachloride	ug/L	ND	1.0	07/16/20 18:10	
Chlorobenzene	ug/L	ND	1.0	07/16/20 18:10	
Chloroethane	ug/L	ND	1.0	07/16/20 18:10	
Chloroform	ug/L	ND	5.0	07/16/20 18:10	
Chloromethane	ug/L	ND	1.0	07/16/20 18:10	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/16/20 18:10	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/16/20 18:10	
Dibromochloromethane	ug/L	ND	1.0	07/16/20 18:10	
Dibromomethane	ug/L	ND	1.0	07/16/20 18:10	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

METHOD BLANK: 2942405 Matrix: Water
Associated Lab Samples: 92486343007, 92486343008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	07/16/20 18:10	
Diisopropyl ether	ug/L	ND	1.0	07/16/20 18:10	
Ethylbenzene	ug/L	ND	1.0	07/16/20 18:10	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/16/20 18:10	
m&p-Xylene	ug/L	ND	2.0	07/16/20 18:10	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/16/20 18:10	
Methylene Chloride	ug/L	ND	5.0	07/16/20 18:10	
Naphthalene	ug/L	ND	1.0	07/16/20 18:10	
o-Xylene	ug/L	ND	1.0	07/16/20 18:10	
p-Isopropyltoluene	ug/L	ND	1.0	07/16/20 18:10	
Styrene	ug/L	ND	1.0	07/16/20 18:10	
Tetrachloroethene	ug/L	ND	1.0	07/16/20 18:10	
Toluene	ug/L	ND	1.0	07/16/20 18:10	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/16/20 18:10	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/16/20 18:10	
Trichloroethene	ug/L	ND	1.0	07/16/20 18:10	
Trichlorofluoromethane	ug/L	ND	1.0	07/16/20 18:10	
Vinyl acetate	ug/L	ND	2.0	07/16/20 18:10	
Vinyl chloride	ug/L	ND	1.0	07/16/20 18:10	
Xylene (Total)	ug/L	ND	1.0	07/16/20 18:10	
1,2-Dichloroethane-d4 (S)	%	97	70-130	07/16/20 18:10	
4-Bromofluorobenzene (S)	%	97	70-130	07/16/20 18:10	
Toluene-d8 (S)	%	100	70-130	07/16/20 18:10	

LABORATORY CONTROL SAMPLE & LCSD: 2942406 2945551

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.5	54.5	111	109	70-130	2	30	
1,1,1-Trichloroethane	ug/L	50	53.0	51.4	106	103	70-130	3	30	
1,1,2,2-Tetrachloroethane	ug/L	50	54.4	54.1	109	108	70-130	1	30	
1,1,2-Trichloroethane	ug/L	50	52.6	51.5	105	103	70-130	2	30	
1,1-Dichloroethane	ug/L	50	51.5	50.3	103	101	70-130	2	30	
1,1-Dichloroethene	ug/L	50	55.6	54.4	111	109	70-130	2	30	
1,1-Dichloropropene	ug/L	50	51.9	49.9	104	100	70-130	4	30	
1,2,3-Trichlorobenzene	ug/L	50	56.7	56.5	113	113	70-130	0	30	
1,2,3-Trichloropropane	ug/L	50	51.3	51.1	103	102	70-130	0	30	
1,2,4-Trichlorobenzene	ug/L	50	55.6	56.0	111	112	70-130	1	30	
1,2-Dibromo-3-chloropropane	ug/L	50	60.1	60.1	120	120	70-130	0	30	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	55.0	109	110	70-130	1	30	
1,2-Dichlorobenzene	ug/L	50	54.7	55.8	109	112	70-130	2	30	
1,2-Dichloroethane	ug/L	50	48.8	47.9	98	96	70-130	2	30	
1,2-Dichloropropane	ug/L	50	52.9	52.2	106	104	70-130	1	30	
1,3-Dichlorobenzene	ug/L	50	53.4	53.4	107	107	70-130	0	30	
1,3-Dichloropropane	ug/L	50	54.1	53.5	108	107	70-131	1	30	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

LABORATORY CONTROL SAMPLE & LCSD: 2942406 2945551

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,4-Dichlorobenzene	ug/L	50	53.2	54.4	106	109	70-130	2	30	
2,2-Dichloropropane	ug/L	50	55.5	53.6	111	107	69-130	3	30	
2-Butanone (MEK)	ug/L	100	102	101	102	101	64-135	1	30	
2-Chlorotoluene	ug/L	50	53.3	53.8	107	108	70-130	1	30	
2-Hexanone	ug/L	100	109	109	109	109	66-135	0	30	
4-Chlorotoluene	ug/L	50	52.1	52.5	104	105	70-130	1	30	
4-Methyl-2-pentanone (MIBK)	ug/L	100	103	103	103	103	70-130	0	30	
Acetone	ug/L	100	103	104	103	104	61-157	1	30	
Benzene	ug/L	50	52.0	51.0	104	102	70-130	2	30	
Bromobenzene	ug/L	50	52.8	53.0	106	106	70-130	0	30	
Bromochloromethane	ug/L	50	51.8	50.8	104	102	70-130	2	30	
Bromodichloromethane	ug/L	50	49.2	48.8	98	98	70-130	1	30	
Bromoform	ug/L	50	56.5	56.5	113	113	70-130	0	30	
Bromomethane	ug/L	50	41.4	44.1	83	88	38-130	6	30	v3
Carbon tetrachloride	ug/L	50	54.0	52.5	108	105	70-130	3	30	
Chlorobenzene	ug/L	50	52.5	51.7	105	103	70-130	1	30	
Chloroethane	ug/L	50	43.1	41.9	86	84	37-142	3	30	
Chloroform	ug/L	50	51.2	50.2	102	100	70-130	2	30	
Chloromethane	ug/L	50	43.8	43.0	88	86	48-130	2	30	
cis-1,2-Dichloroethene	ug/L	50	50.7	49.6	101	99	70-130	2	30	
cis-1,3-Dichloropropene	ug/L	50	57.4	56.8	115	114	70-130	1	30	
Dibromochloromethane	ug/L	50	54.5	53.9	109	108	70-130	1	30	
Dibromomethane	ug/L	50	52.8	52.1	106	104	70-130	1	30	
Dichlorodifluoromethane	ug/L	50	48.6	47.2	97	94	53-134	3	30	
Diisopropyl ether	ug/L	50	49.8	48.6	100	97	70-135	2	30	
Ethylbenzene	ug/L	50	51.9	51.7	104	103	70-130	0	30	
Hexachloro-1,3-butadiene	ug/L	50	58.4	57.7	117	115	68-132	1	30	
m&p-Xylene	ug/L	100	104	102	104	102	70-130	2	30	
Methyl-tert-butyl ether	ug/L	50	52.0	50.6	104	101	70-130	3	30	
Methylene Chloride	ug/L	50	49.2	48.2	98	96	67-132	2	30	
Naphthalene	ug/L	50	53.9	56.1	108	112	70-130	4	30	
o-Xylene	ug/L	50	53.2	51.4	106	103	70-131	4	30	
p-Isopropyltoluene	ug/L	50	53.4	52.4	107	105	70-130	2	30	
Styrene	ug/L	50	54.6	53.6	109	107	70-130	2	30	
Tetrachloroethene	ug/L	50	54.3	53.6	109	107	69-130	1	30	
Toluene	ug/L	50	51.5	50.2	103	100	70-130	3	30	
trans-1,2-Dichloroethene	ug/L	50	53.5	51.7	107	103	70-130	3	30	
trans-1,3-Dichloropropene	ug/L	50	55.1	54.0	110	108	70-130	2	30	
Trichloroethene	ug/L	50	53.4	52.7	107	105	70-130	1	30	
Trichlorofluoromethane	ug/L	50	48.5	47.2	97	94	63-130	3	30	
Vinyl acetate	ug/L	100	105	103	105	103	55-143	1	30	
Vinyl chloride	ug/L	50	47.7	46.5	95	93	70-131	3	30	
Xylene (Total)	ug/L	150	157	153	105	102	70-130	2	30	
1,2-Dichloroethane-d4 (S)	%				106	103	70-130			
4-Bromofluorobenzene (S)	%				99	99	70-130			
Toluene-d8 (S)	%				101	101	70-130			

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

SAMPLE DUPLICATE: 2942408

Parameter	Units	92485936005 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		v2
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		v2
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	4.8	6.5	31	D6
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	1.4		
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

SAMPLE DUPLICATE: 2942408

Parameter	Units	92485936005 Result	Dup Result	RPD	Qualifiers
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	100	100		
4-Bromofluorobenzene (S)	%	97	95		
Toluene-d8 (S)	%	99	102		

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 554190
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004, 92486343005, 92486343006

METHOD BLANK: 2944575
Matrix: Solid
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004, 92486343005, 92486343006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	07/20/20 13:54	
1,2-Dichlorobenzene	ug/kg	ND	330	07/20/20 13:54	
1,3-Dichlorobenzene	ug/kg	ND	330	07/20/20 13:54	
1,4-Dichlorobenzene	ug/kg	ND	330	07/20/20 13:54	
1-Methylnaphthalene	ug/kg	ND	330	07/20/20 13:54	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	330	07/20/20 13:54	v1
2,4,5-Trichlorophenol	ug/kg	ND	330	07/20/20 13:54	
2,4,6-Trichlorophenol	ug/kg	ND	330	07/20/20 13:54	
2,4-Dichlorophenol	ug/kg	ND	330	07/20/20 13:54	
2,4-Dimethylphenol	ug/kg	ND	330	07/20/20 13:54	
2,4-Dinitrophenol	ug/kg	ND	1650	07/20/20 13:54	
2,4-Dinitrotoluene	ug/kg	ND	330	07/20/20 13:54	
2,6-Dinitrotoluene	ug/kg	ND	330	07/20/20 13:54	v2
2-Chloronaphthalene	ug/kg	ND	330	07/20/20 13:54	
2-Chlorophenol	ug/kg	ND	330	07/20/20 13:54	
2-Methylnaphthalene	ug/kg	ND	330	07/20/20 13:54	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	07/20/20 13:54	
2-Nitroaniline	ug/kg	ND	1650	07/20/20 13:54	
2-Nitrophenol	ug/kg	ND	330	07/20/20 13:54	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	07/20/20 13:54	
3,3'-Dichlorobenzidine	ug/kg	ND	660	07/20/20 13:54	
3-Nitroaniline	ug/kg	ND	1650	07/20/20 13:54	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	07/20/20 13:54	
4-Bromophenylphenyl ether	ug/kg	ND	330	07/20/20 13:54	
4-Chloro-3-methylphenol	ug/kg	ND	660	07/20/20 13:54	
4-Chloroaniline	ug/kg	ND	660	07/20/20 13:54	
4-Chlorophenylphenyl ether	ug/kg	ND	330	07/20/20 13:54	
4-Nitroaniline	ug/kg	ND	660	07/20/20 13:54	
4-Nitrophenol	ug/kg	ND	1650	07/20/20 13:54	
Acenaphthene	ug/kg	ND	330	07/20/20 13:54	
Acenaphthylene	ug/kg	ND	330	07/20/20 13:54	
Aniline	ug/kg	ND	330	07/20/20 13:54	
Anthracene	ug/kg	ND	330	07/20/20 13:54	
Benzo(a)anthracene	ug/kg	ND	330	07/20/20 13:54	
Benzo(a)pyrene	ug/kg	ND	330	07/20/20 13:54	
Benzo(b)fluoranthene	ug/kg	ND	330	07/20/20 13:54	
Benzo(g,h,i)perylene	ug/kg	ND	330	07/20/20 13:54	
Benzo(k)fluoranthene	ug/kg	ND	330	07/20/20 13:54	
Benzoic Acid	ug/kg	ND	1650	07/20/20 13:54	
Benzyl alcohol	ug/kg	ND	660	07/20/20 13:54	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

METHOD BLANK: 2944575 Matrix: Solid
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004, 92486343005, 92486343006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethoxy)methane	ug/kg	ND	330	07/20/20 13:54	
bis(2-Chloroethyl) ether	ug/kg	ND	330	07/20/20 13:54	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	07/20/20 13:54	
Butylbenzylphthalate	ug/kg	ND	330	07/20/20 13:54	
Chrysene	ug/kg	ND	330	07/20/20 13:54	
Di-n-butylphthalate	ug/kg	ND	330	07/20/20 13:54	
Di-n-octylphthalate	ug/kg	ND	330	07/20/20 13:54	
Dibenz(a,h)anthracene	ug/kg	ND	330	07/20/20 13:54	
Dibenzofuran	ug/kg	ND	330	07/20/20 13:54	
Diethylphthalate	ug/kg	ND	330	07/20/20 13:54	
Dimethylphthalate	ug/kg	ND	330	07/20/20 13:54	
Fluoranthene	ug/kg	ND	330	07/20/20 13:54	
Fluorene	ug/kg	ND	330	07/20/20 13:54	
Hexachloro-1,3-butadiene	ug/kg	ND	330	07/20/20 13:54	
Hexachlorobenzene	ug/kg	ND	330	07/20/20 13:54	
Hexachlorocyclopentadiene	ug/kg	ND	330	07/20/20 13:54	
Hexachloroethane	ug/kg	ND	330	07/20/20 13:54	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	07/20/20 13:54	
Isophorone	ug/kg	ND	330	07/20/20 13:54	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	07/20/20 13:54	
N-Nitrosodimethylamine	ug/kg	ND	330	07/20/20 13:54	
N-Nitrosodiphenylamine	ug/kg	ND	330	07/20/20 13:54	
Naphthalene	ug/kg	ND	330	07/20/20 13:54	
Nitrobenzene	ug/kg	ND	330	07/20/20 13:54	
Pentachlorophenol	ug/kg	ND	660	07/20/20 13:54	
Phenanthrene	ug/kg	ND	330	07/20/20 13:54	
Phenol	ug/kg	ND	330	07/20/20 13:54	
Pyrene	ug/kg	ND	330	07/20/20 13:54	
Pyridine	ug/kg	ND	330	07/20/20 13:54	
2,4,6-Tribromophenol (S)	%	74	27-110	07/20/20 13:54	
2-Fluorobiphenyl (S)	%	73	30-110	07/20/20 13:54	
2-Fluorophenol (S)	%	76	13-110	07/20/20 13:54	
Nitrobenzene-d5 (S)	%	70	23-110	07/20/20 13:54	
Phenol-d6 (S)	%	77	22-110	07/20/20 13:54	
Terphenyl-d14 (S)	%	98	28-110	07/20/20 13:54	

LABORATORY CONTROL SAMPLE: 2944576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1180	71	52-130	
1,2-Dichlorobenzene	ug/kg	1670	1370	82	51-130	
1,3-Dichlorobenzene	ug/kg	1670	1320	79	50-130	
1,4-Dichlorobenzene	ug/kg	1670	1410	84	49-130	
1-Methylnaphthalene	ug/kg	1670	1230	74	55-130	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

LABORATORY CONTROL SAMPLE: 2944576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,2'-Oxybis(1-chloropropane)	ug/kg	1670	1750	105	30-130	v1
2,4,5-Trichlorophenol	ug/kg	1670	1250	75	55-130	
2,4,6-Trichlorophenol	ug/kg	1670	1300	78	57-130	
2,4-Dichlorophenol	ug/kg	1670	1230	74	56-130	
2,4-Dimethylphenol	ug/kg	1670	1290	78	51-130	
2,4-Dinitrophenol	ug/kg	8330	6750	81	27-133	
2,4-Dinitrotoluene	ug/kg	1670	1290	77	61-130	
2,6-Dinitrotoluene	ug/kg	1670	958	57	60-130	L2,v3
2-Chloronaphthalene	ug/kg	1670	1350	81	52-130	
2-Chlorophenol	ug/kg	1670	1390	84	54-130	
2-Methylnaphthalene	ug/kg	1670	1290	78	54-130	
2-Methylphenol(o-Cresol)	ug/kg	1670	1400	84	51-130	
2-Nitroaniline	ug/kg	3330	2730	82	51-130	
2-Nitrophenol	ug/kg	1670	1330	80	49-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1390	84	11-163	
3,3'-Dichlorobenzidine	ug/kg	3330	2220	67	10-132	
3-Nitroaniline	ug/kg	3330	2400	72	55-130	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2980	89	47-142	
4-Bromophenylphenyl ether	ug/kg	1670	1280	77	59-130	
4-Chloro-3-methylphenol	ug/kg	3330	2570	77	55-130	
4-Chloroaniline	ug/kg	3330	2520	75	54-130	
4-Chlorophenylphenyl ether	ug/kg	1670	1210	73	58-130	
4-Nitroaniline	ug/kg	3330	2760	83	54-130	
4-Nitrophenol	ug/kg	8330	5760	69	48-130	
Acenaphthene	ug/kg	1670	1370	82	60-130	
Acenaphthylene	ug/kg	1670	1370	82	60-130	
Aniline	ug/kg	1670	1290	77	43-130	
Anthracene	ug/kg	1670	1370	82	63-130	
Benzo(a)anthracene	ug/kg	1670	1310	79	59-130	
Benzo(a)pyrene	ug/kg	1670	1390	83	57-130	
Benzo(b)fluoranthene	ug/kg	1670	1400	84	54-130	
Benzo(g,h,i)perylene	ug/kg	1670	1280	77	59-130	
Benzo(k)fluoranthene	ug/kg	1670	1370	82	54-130	
Benzoic Acid	ug/kg	8330	6080	73	19-130	
Benzyl alcohol	ug/kg	3330	2740	82	50-130	
bis(2-Chloroethoxy)methane	ug/kg	1670	1320	79	54-130	
bis(2-Chloroethyl) ether	ug/kg	1670	1380	83	48-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1530	92	45-134	
Butylbenzylphthalate	ug/kg	1670	1510	91	46-138	
Chrysene	ug/kg	1670	1290	78	58-130	
Di-n-butylphthalate	ug/kg	1670	1470	88	60-130	
Di-n-octylphthalate	ug/kg	1670	1560	93	53-130	
Dibenz(a,h)anthracene	ug/kg	1670	1280	77	59-130	
Dibenzofuran	ug/kg	1670	1280	77	60-130	
Diethylphthalate	ug/kg	1670	1340	81	60-130	
Dimethylphthalate	ug/kg	1670	1300	78	60-130	
Fluoranthene	ug/kg	1670	1320	79	65-130	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

LABORATORY CONTROL SAMPLE: 2944576

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	1670	1300	78	63-130	
Hexachloro-1,3-butadiene	ug/kg	1670	1110	66	46-130	
Hexachlorobenzene	ug/kg	1670	1320	79	58-130	
Hexachlorocyclopentadiene	ug/kg	1670	1130	68	23-130	
Hexachloroethane	ug/kg	1670	1380	83	47-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1300	78	60-130	
Isophorone	ug/kg	1670	1290	78	49-130	
N-Nitroso-di-n-propylamine	ug/kg	1670	1350	81	47-130	
N-Nitrosodimethylamine	ug/kg	1670	1270	76	45-130	
N-Nitrosodiphenylamine	ug/kg	1670	1430	86	59-130	
Naphthalene	ug/kg	1670	1330	80	55-130	
Nitrobenzene	ug/kg	1670	1270	76	49-130	
Pentachlorophenol	ug/kg	3330	2630	79	10-132	
Phenanthrene	ug/kg	1670	1380	83	62-130	
Phenol	ug/kg	1670	1540	93	46-130	
Pyrene	ug/kg	1670	1380	83	53-130	
Pyridine	ug/kg	1670	1060	64	37-130	
2,4,6-Tribromophenol (S)	%			78	27-110	
2-Fluorobiphenyl (S)	%			75	30-110	
2-Fluorophenol (S)	%			81	13-110	
Nitrobenzene-d5 (S)	%			72	23-110	
Phenol-d6 (S)	%			84	22-110	
Terphenyl-d14 (S)	%			85	28-110	

MATRIX SPIKE SAMPLE: 2944577

Parameter	Units	92486339004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	3260	2270	69	18-130	
1,2-Dichlorobenzene	ug/kg	ND	3260	2590	79	14-130	
1,3-Dichlorobenzene	ug/kg	ND	3260	2560	78	12-130	
1,4-Dichlorobenzene	ug/kg	ND	3260	2730	84	10-130	
1-Methylnaphthalene	ug/kg	ND	3260	2340	72	12-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	3260	3450	106	10-130	v1
2,4,5-Trichlorophenol	ug/kg	ND	3260	2520	77	13-130	
2,4,6-Trichlorophenol	ug/kg	ND	3260	2580	79	17-130	
2,4-Dichlorophenol	ug/kg	ND	3260	2390	73	10-130	
2,4-Dimethylphenol	ug/kg	ND	3260	2490	76	10-130	
2,4-Dinitrophenol	ug/kg	ND	16300	5860	36	10-130	
2,4-Dinitrotoluene	ug/kg	ND	3260	2650	81	24-130	
2,6-Dinitrotoluene	ug/kg	ND	3260	1890	58	23-130	v3
2-Chloronaphthalene	ug/kg	ND	3260	2680	82	19-130	
2-Chlorophenol	ug/kg	ND	3260	2710	83	10-130	
2-Methylnaphthalene	ug/kg	ND	3260	2440	75	18-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	3260	2740	84	10-130	
2-Nitroaniline	ug/kg	ND	6540	5410	83	17-130	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

MATRIX SPIKE SAMPLE: 2944577

Parameter	Units	92486339004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
2-Nitrophenol	ug/kg	ND	3260	2580	79	10-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	3260	2760	84	10-130	
3,3'-Dichlorobenzidine	ug/kg	ND	6540	4820	74	10-130	
3-Nitroaniline	ug/kg	ND	6540	4980	76	24-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	6540	5000	76	10-152	
4-Bromophenylphenyl ether	ug/kg	ND	3260	2500	76	29-130	
4-Chloro-3-methylphenol	ug/kg	ND	6540	4930	75	17-130	
4-Chloroaniline	ug/kg	ND	6540	5140	79	14-130	
4-Chlorophenylphenyl ether	ug/kg	ND	3260	2430	74	25-130	
4-Nitroaniline	ug/kg	ND	6540	5350	82	22-130	
4-Nitrophenol	ug/kg	ND	16300	11600	71	10-130	
Acenaphthene	ug/kg	ND	3260	2700	82	20-130	
Acenaphthylene	ug/kg	ND	3260	2720	83	25-130	
Aniline	ug/kg	ND	3260	2620	80	10-130	
Anthracene	ug/kg	ND	3260	2700	83	29-130	
Benzo(a)anthracene	ug/kg	ND	3260	2600	79	19-130	
Benzo(a)pyrene	ug/kg	ND	3260	2780	85	12-130	
Benzo(b)fluoranthene	ug/kg	ND	3260	2740	84	14-130	
Benzo(g,h,i)perylene	ug/kg	ND	3260	2650	81	10-130	
Benzo(k)fluoranthene	ug/kg	ND	3260	2780	85	14-130	
Benzoic Acid	ug/kg	ND	16300	4540	28	10-130	
Benzyl alcohol	ug/kg	ND	6540	5220	80	13-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	3260	2530	77	16-130	
bis(2-Chloroethyl) ether	ug/kg	ND	3260	2730	84	11-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	3260	3140	96	21-130	
Butylbenzylphthalate	ug/kg	ND	3260	2980	91	23-130	
Chrysene	ug/kg	ND	3260	2560	78	22-130	
Di-n-butylphthalate	ug/kg	ND	3260	2920	89	30-130	
Di-n-octylphthalate	ug/kg	ND	3260	3150	96	23-142	
Dibenz(a,h)anthracene	ug/kg	ND	3260	2580	79	10-130	
Dibenzofuran	ug/kg	ND	3260	2550	78	24-130	
Diethylphthalate	ug/kg	ND	3260	2710	83	26-130	
Dimethylphthalate	ug/kg	ND	3260	2560	78	22-130	
Fluoranthene	ug/kg	ND	3260	2600	79	33-130	
Fluorene	ug/kg	ND	3260	2590	79	22-130	
Hexachloro-1,3-butadiene	ug/kg	ND	3260	2130	65	13-130	
Hexachlorobenzene	ug/kg	ND	3260	2600	79	29-130	
Hexachlorocyclopentadiene	ug/kg	ND	3260	2190	67	10-130	
Hexachloroethane	ug/kg	ND	3260	2720	83	10-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	3260	2700	83	10-130	
Isophorone	ug/kg	ND	3260	2490	76	13-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	3260	2740	84	12-130	
N-Nitrosodimethylamine	ug/kg	ND	3260	2530	77	11-130	
N-Nitrosodiphenylamine	ug/kg	ND	3260	2750	84	15-130	
Naphthalene	ug/kg	ND	3260	2590	79	15-130	
Nitrobenzene	ug/kg	ND	3260	2420	74	12-130	
Pentachlorophenol	ug/kg	ND	6540	5030	77	10-130	

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

MATRIX SPIKE SAMPLE: 2944577

Parameter	Units	92486339004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/kg	ND	3260	2710	83	27-130	
Phenol	ug/kg	ND	3260	2990	91	10-130	
Pyrene	ug/kg	ND	3260	2710	83	19-130	
Pyridine	ug/kg	ND	3260	2190	67	10-130	
2,4,6-Tribromophenol (S)	%				65	27-110	
2-Fluorobiphenyl (S)	%				62	30-110	
2-Fluorophenol (S)	%				68	13-110	
Nitrobenzene-d5 (S)	%				60	23-110	
Phenol-d6 (S)	%				70	22-110	
Terphenyl-d14 (S)	%				76	28-110	

SAMPLE DUPLICATE: 2944578

Parameter	Units	92486339004 Result	Dup Result	RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
1-Methylnaphthalene	ug/kg	ND	ND		
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		v1
2,4,5-Trichlorophenol	ug/kg	ND	ND		
2,4,6-Trichlorophenol	ug/kg	ND	ND		
2,4-Dichlorophenol	ug/kg	ND	ND		
2,4-Dimethylphenol	ug/kg	ND	ND		
2,4-Dinitrophenol	ug/kg	ND	ND		
2,4-Dinitrotoluene	ug/kg	ND	ND		
2,6-Dinitrotoluene	ug/kg	ND	ND		v2
2-Chloronaphthalene	ug/kg	ND	ND		
2-Chlorophenol	ug/kg	ND	ND		
2-Methylnaphthalene	ug/kg	ND	ND		
2-Methylphenol(o-Cresol)	ug/kg	ND	ND		
2-Nitroaniline	ug/kg	ND	ND		
2-Nitrophenol	ug/kg	ND	ND		
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	ND		
3,3'-Dichlorobenzidine	ug/kg	ND	ND		
3-Nitroaniline	ug/kg	ND	ND		
4,6-Dinitro-2-methylphenol	ug/kg	ND	ND		
4-Bromophenylphenyl ether	ug/kg	ND	ND		
4-Chloro-3-methylphenol	ug/kg	ND	ND		
4-Chloroaniline	ug/kg	ND	ND		
4-Chlorophenylphenyl ether	ug/kg	ND	ND		
4-Nitroaniline	ug/kg	ND	ND		
4-Nitrophenol	ug/kg	ND	ND		
Acenaphthene	ug/kg	ND	ND		
Acenaphthylene	ug/kg	ND	ND		

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

SAMPLE DUPLICATE: 2944578

Parameter	Units	92486339004 Result	Dup Result	RPD	Qualifiers
Aniline	ug/kg	ND	ND		
Anthracene	ug/kg	ND	ND		
Benzo(a)anthracene	ug/kg	ND	ND		
Benzo(a)pyrene	ug/kg	ND	ND		
Benzo(b)fluoranthene	ug/kg	ND	ND		
Benzo(g,h,i)perylene	ug/kg	ND	ND		
Benzo(k)fluoranthene	ug/kg	ND	ND		
Benzoic Acid	ug/kg	ND	ND		
Benzyl alcohol	ug/kg	ND	ND		
bis(2-Chloroethoxy)methane	ug/kg	ND	ND		
bis(2-Chloroethyl) ether	ug/kg	ND	ND		
bis(2-Ethylhexyl)phthalate	ug/kg	ND	ND		
Butylbenzylphthalate	ug/kg	ND	ND		
Chrysene	ug/kg	ND	ND		
Di-n-butylphthalate	ug/kg	ND	ND		
Di-n-octylphthalate	ug/kg	ND	ND		
Dibenz(a,h)anthracene	ug/kg	ND	ND		
Dibenzofuran	ug/kg	ND	ND		
Diethylphthalate	ug/kg	ND	ND		
Dimethylphthalate	ug/kg	ND	ND		
Fluoranthene	ug/kg	ND	ND		
Fluorene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Hexachlorobenzene	ug/kg	ND	ND		
Hexachlorocyclopentadiene	ug/kg	ND	ND		
Hexachloroethane	ug/kg	ND	ND		
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		
Isophorone	ug/kg	ND	ND		
N-Nitroso-di-n-propylamine	ug/kg	ND	ND		
N-Nitrosodimethylamine	ug/kg	ND	ND		
N-Nitrosodiphenylamine	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
Nitrobenzene	ug/kg	ND	ND		
Pentachlorophenol	ug/kg	ND	ND		
Phenanthrene	ug/kg	ND	ND		
Phenol	ug/kg	ND	ND		
Pyrene	ug/kg	ND	ND		
Pyridine	ug/kg	ND	ND		
2,4,6-Tribromophenol (S)	%	48	18		S0
2-Fluorobiphenyl (S)	%	51	18		S0
2-Fluorophenol (S)	%	57	21		
Nitrobenzene-d5 (S)	%	52	13		S0
Phenol-d6 (S)	%	59	22		
Terphenyl-d14 (S)	%	57	8		S0

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QUALITY CONTROL DATA

Project: Former Monroe Street School
Pace Project No.: 92486343

QC Batch: 553578
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486343001, 92486343002, 92486343003, 92486343004, 92486343005, 92486343006

SAMPLE DUPLICATE: 2941439

Parameter	Units	92485920001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	41.7	40.4	3	

SAMPLE DUPLICATE: 2941440

Parameter	Units	92486269008 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	13.6	14.4	5	

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

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Former Monroe Street School
Pace Project No.: 92486343

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Former Monroe Street School
Pace Project No.: 92486343

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92486343001	**MB-1**	EPA 3050B	553974	EPA 6010D	554255
92486343002	**MB-2**	EPA 3050B	553974	EPA 6010D	554255
92486343003	**MB-3**	EPA 3050B	553974	EPA 6010D	554255
92486343004	**MB-3 DUP**	EPA 3050B	553974	EPA 6010D	554255
92486343005	**MB-4**	EPA 3050B	554305	EPA 6010D	554436
92486343006	**MB-5**	EPA 3050B	554305	EPA 6010D	554436
92486343001	**MB-1**	EPA 7471B	553975	EPA 7471B	554093
92486343002	**MB-2**	EPA 7471B	553975	EPA 7471B	554093
92486343003	**MB-3**	EPA 7471B	553975	EPA 7471B	554093
92486343004	**MB-3 DUP**	EPA 7471B	553975	EPA 7471B	554093
92486343005	**MB-4**	EPA 7471B	554021	EPA 7471B	554094
92486343006	**MB-5**	EPA 7471B	554021	EPA 7471B	554094
92486343001	**MB-1**	EPA 3546	554190	EPA 8270E	554391
92486343002	**MB-2**	EPA 3546	554190	EPA 8270E	554391
92486343003	**MB-3**	EPA 3546	554190	EPA 8270E	554391
92486343004	**MB-3 DUP**	EPA 3546	554190	EPA 8270E	554391
92486343005	**MB-4**	EPA 3546	554190	EPA 8270E	554391
92486343006	**MB-5**	EPA 3546	554190	EPA 8270E	554391
92486343001	**MB-1**	EPA 5035A/5030B	554511	EPA 8260D	554524
92486343002	**MB-2**	EPA 5035A/5030B	554511	EPA 8260D	554524
92486343003	**MB-3**	EPA 5035A/5030B	554511	EPA 8260D	554524
92486343004	**MB-3 DUP**	EPA 5035A/5030B	554511	EPA 8260D	554524
92486343005	**MB-4**	EPA 5035A/5030B	554511	EPA 8260D	554524
92486343006	**MB-5**	EPA 5035A/5030B	554511	EPA 8260D	554524
92486343007	**TB-1**	EPA 8260D	553809		
92486343008	**TB-2**	EPA 8260D	553809		
92486343001	**MB-1**	ASTM D2974-87	553578		
92486343002	**MB-2**	ASTM D2974-87	553578		
92486343003	**MB-3**	ASTM D2974-87	553578		
92486343004	**MB-3 DUP**	ASTM D2974-87	553578		
92486343005	**MB-4**	ASTM D2974-87	553578		
92486343006	**MB-5**	ASTM D2974-87	553578		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name: Cardno - NC

Project # WO#: 92486343

92486343

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

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

~~Date/Initials Person Examining Contents:~~ 2/7/18

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

Biological Tissue Frozen? ☐ Yes ☐ No ☐ N/A

Thermometer: ☑ IR Gun ID: 92T061

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 5.1 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 5.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: SL				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project # **WO#: 92486343**

PM: AMB Due Date: 07/22/20

CLIENT: 92-CTC NC

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A)(Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1									2												6							
2									2												6							
3									2											6								
4									2											6								
5									2											6								
6									2											6								
7																3												
8																3												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A — Required Client Information:

Company: Cardno - NC
Address: 1003 Greenhurst Road
Winston Salem, NC 27104
Email: brian.kvam@cardno.com
Phone: 803-309-1729 Fax:
Requested Due Date:

Section B — Required Project Information:

Report To: Brian Kvam
Copy To:
Purchase Order #:
Project Name: Fmr Monroe Street School
Project #:

Section C — Invoice Information:

Attention: BRIAN KVAM
Company Name: CARDNO
Address:
Pace Quote:
Pace Project Manager: angela.baioni@pacelabs.com,
Pace Profile #: 10348-3, 4

Regulatory Agency:
State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	MADEP EPH	MADEP EPH	RCRA 8 Metals	TAL Metals	8270 SVOC	8270 SVOC	TPH-DRO	TPH-GRO	8260 VOC	8260 VOC	MADEP VPH	MADEP VPH	Residual Chlorine (Y/N)	92486343
1	MB-1	S	G	7/15		7/15	0840														X		X				X					2, 3 VIAL KITS 01
2	MB-2	S	G				0855														X		X				X					2, 3 VIAL KITS 02
3	MB-3	S	G				0910														X		X				X					03
4	MB-3 DUP	S	G				0910														X		X				X					04
5	MB-4	S	G				0930															X	X				X					05
6	MB-5	S	G				0945															X	X				X					06
7	TB-1	W	G				1115																				X					07
8	TB-2	W	G				1120																				X					08
9																																
10																																
11																																
12																																

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

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Brian J. Kvam	7/15/20	1453	Samantha Humphrey	7/15/20	1453				
	Samantha Humphrey	7/15/20	1550	Pace	7/15/2	15:50	5.1	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: BRIAN KVAM

SIGNATURE of SAMPLER: Brian J. Kvam

DATE Signed: 7/15/2020

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

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

July 27, 2020

Brian Kvam
Cardno
1003 Greenhurst Road
Winston Salem, NC 27104

RE: Project: Fmr Monroe Street School
Pace Project No.: 92486787

Dear Brian Kvam:

Enclosed are the analytical results for sample(s) received by the laboratory on July 17, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

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

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

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CERTIFICATIONS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 9980939910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92486787001	**MW-1**	MADEP EPH	BAJ	7	PASI-C
		MADEP VPH	ACG	6	PAN
		EPA 8270E	PKS	74	PASI-C
		EPA 8260D	CL	63	PASI-C
92486787002	**MW-2**	MADEP EPH	BAJ	7	PASI-C
		MADEP VPH	ACG	6	PAN
		EPA 8270E	PKS	74	PASI-C
		EPA 8260D	CL	63	PASI-C
92486787003	**MW-3**	EPA 6010D	SH1	22	PASI-A
		EPA 7470A	SOO	1	PASI-A
		EPA 8270E	PKS	74	PASI-C
		EPA 8260D	CL	63	PASI-C
92486787004	**MW-3 DUP**	EPA 6010D	SH1	22	PASI-A
		EPA 7470A	SOO	1	PASI-A
		EPA 8270E	PKS	74	PASI-C
		EPA 8260D	CL	63	PASI-C

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

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SUMMARY OF DETECTION

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92486787003	**MW-3**					
EPA 6010D	Barium	50.6	ug/L	5.0	07/24/20 23:32	
EPA 6010D	Calcium	2420	ug/L	100	07/24/20 23:32	
EPA 6010D	Iron	129	ug/L	50.0	07/24/20 23:32	
EPA 6010D	Magnesium	1310	ug/L	100	07/24/20 23:32	
EPA 6010D	Manganese	46.9	ug/L	5.0	07/24/20 23:32	
92486787004	**MW-3 DUP**					
EPA 6010D	Barium	48.1	ug/L	5.0	07/24/20 23:36	
EPA 6010D	Calcium	2260	ug/L	100	07/24/20 23:36	
EPA 6010D	Iron	117	ug/L	50.0	07/24/20 23:36	
EPA 6010D	Magnesium	1270	ug/L	100	07/24/20 23:36	
EPA 6010D	Manganese	47.9	ug/L	5.0	07/24/20 23:36	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-1 **Lab ID: 92486787001** Collected: 07/16/20 09:30 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
	Pace Analytical Services - Charlotte							
Aliphatic (C09-C18)	ND	ug/L	97.1	1	07/23/20 12:53	07/23/20 19:17		N2
Aliphatic (C19-C36)	ND	ug/L	97.1	1	07/23/20 12:53	07/23/20 19:17		N2
Aromatic (C11-C22)	ND	ug/L	97.1	1	07/23/20 12:53	07/23/20 19:17		N2
Surrogates								
o-Terphenyl (S)	59	%	40-140	1	07/23/20 12:53	07/23/20 19:17	84-15-1	
2-Fluorobiphenyl (S)	88	%	40-140	1	07/23/20 12:53	07/23/20 19:17	321-60-8	
2-Bromonaphthalene (S)	88	%	40-140	1	07/23/20 12:53	07/23/20 19:17	580-13-2	
Nonatriacontane (S)	45	%	40-140	1	07/23/20 12:53	07/23/20 19:17	7194-86-7	
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV							
	Pace National - Mt. Juliet							
Aliphatic (C05-C08)	ND	ug/L	100	1	07/24/20 03:52	07/24/20 03:52		
Aliphatic (C09-C12)	ND	ug/L	100	1	07/24/20 03:52	07/24/20 03:52		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	07/24/20 03:52	07/24/20 03:52	TPHC9C10A	
Total VPH	ND	ug/L	100	1	07/24/20 03:52	07/24/20 03:52	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	81.2	%	70.0-130	1	07/24/20 03:52	07/24/20 03:52	615-59-8FID	
2,5-Dibromotoluene (PID)	94.6	%	70.0-130	1	07/24/20 03:52	07/24/20 03:52	615-59-8PID	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	208-96-8	
Aniline	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	62-53-3	
Anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 21:02	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	7005-72-3	
Chrysene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	541-73-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-1 **Lab ID: 92486787001** Collected: 07/16/20 09:30 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
1,4-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 21:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	606-20-2	L2
Di-n-octylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	07/20/20 17:08	07/22/20 21:02	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	206-44-0	
Fluorene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	193-39-5	
Isophorone	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 21:02	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	108-60-1	v1
Pentachlorophenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:02	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	85-01-8	
Phenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	108-95-2	
Pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:02	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	13-130	1	07/20/20 17:08	07/22/20 21:02	4165-60-0	
2-Fluorobiphenyl (S)	52	%	13-130	1	07/20/20 17:08	07/22/20 21:02	321-60-8	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-1 **Lab ID: 92486787001** Collected: 07/16/20 09:30 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
Surrogates								
Terphenyl-d14 (S)	90	%	25-130	1	07/20/20 17:08	07/22/20 21:02	1718-51-0	
Phenol-d6 (S)	32	%	10-130	1	07/20/20 17:08	07/22/20 21:02	13127-88-3	
2-Fluorophenol (S)	43	%	10-130	1	07/20/20 17:08	07/22/20 21:02	367-12-4	
2,4,6-Tribromophenol (S)	53	%	10-137	1	07/20/20 17:08	07/22/20 21:02	118-79-6	
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
Acetone	ND	ug/L	25.0	1		07/23/20 05:39	67-64-1	
Benzene	ND	ug/L	1.0	1		07/23/20 05:39	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/23/20 05:39	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/23/20 05:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/23/20 05:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/23/20 05:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/23/20 05:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/23/20 05:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/23/20 05:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/23/20 05:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/23/20 05:39	75-00-3	IK,v1
Chloroform	ND	ug/L	5.0	1		07/23/20 05:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/23/20 05:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 05:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 05:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/23/20 05:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/23/20 05:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/23/20 05:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/23/20 05:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/23/20 05:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/23/20 05:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/23/20 05:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/23/20 05:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 05:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 05:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 05:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/23/20 05:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 05:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/23/20 05:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 05:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 05:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/23/20 05:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/23/20 05:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/23/20 05:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/23/20 05:39	591-78-6	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-1 **Lab ID: 92486787001** Collected: 07/16/20 09:30 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
p-Isopropyltoluene	ND	ug/L	1.0	1		07/23/20 05:39	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		07/23/20 05:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/23/20 05:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/23/20 05:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/23/20 05:39	91-20-3	
Styrene	ND	ug/L	1.0	1		07/23/20 05:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 05:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 05:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/23/20 05:39	127-18-4	
Toluene	ND	ug/L	1.0	1		07/23/20 05:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:39	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/23/20 05:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/23/20 05:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/23/20 05:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/23/20 05:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/23/20 05:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/23/20 05:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/23/20 05:39	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		07/23/20 05:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/23/20 05:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/23/20 05:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		07/23/20 05:39	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		07/23/20 05:39	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		07/23/20 05:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-2 **Lab ID: 92486787002** Collected: 07/16/20 10:50 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Water	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
	Pace Analytical Services - Charlotte							
Aliphatic (C09-C18)	ND	ug/L	97.1	1	07/23/20 12:53	07/23/20 19:44		N2
Aliphatic (C19-C36)	ND	ug/L	97.1	1	07/23/20 12:53	07/23/20 19:44		N2
Aromatic (C11-C22)	ND	ug/L	97.1	1	07/23/20 12:53	07/23/20 19:44		N2
Surrogates								
o-Terphenyl (S)	71	%	40-140	1	07/23/20 12:53	07/23/20 19:44	84-15-1	
2-Fluorobiphenyl (S)	88	%	40-140	1	07/23/20 12:53	07/23/20 19:44	321-60-8	
2-Bromonaphthalene (S)	88	%	40-140	1	07/23/20 12:53	07/23/20 19:44	580-13-2	
Nonatriacontane (S)	37	%	40-140	1	07/23/20 12:53	07/23/20 19:44	7194-86-7	P2
MADEPV	Analytical Method: MADEP VPH Preparation Method: MADEPV							
	Pace National - Mt. Juliet							
Aliphatic (C05-C08)	ND	ug/L	100	1	07/24/20 04:24	07/24/20 04:24		
Aliphatic (C09-C12)	ND	ug/L	100	1	07/24/20 04:24	07/24/20 04:24		
Aromatic (C09-C10),Unadjusted	ND	ug/L	100	1	07/24/20 04:24	07/24/20 04:24	TPHC9C10A	
Total VPH	ND	ug/L	100	1	07/24/20 04:24	07/24/20 04:24	VPH	
Surrogates								
2,5-Dibromotoluene (FID)	81.2	%	70.0-130	1	07/24/20 04:24	07/24/20 04:24	615-59-8FID	
2,5-Dibromotoluene (PID)	90.8	%	70.0-130	1	07/24/20 04:24	07/24/20 04:24	615-59-8PID	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	208-96-8	
Aniline	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	62-53-3	
Anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 21:31	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	7005-72-3	
Chrysene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	541-73-1	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-2 **Lab ID: 92486787002** Collected: 07/16/20 10:50 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
1,4-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 21:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	606-20-2	L2
Di-n-octylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	07/20/20 17:08	07/22/20 21:31	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	206-44-0	
Fluorene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	193-39-5	
Isophorone	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 21:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	108-60-1	v1
Pentachlorophenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 21:31	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	85-01-8	
Phenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	108-95-2	
Pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 21:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	45	%	13-130	1	07/20/20 17:08	07/22/20 21:31	4165-60-0	
2-Fluorobiphenyl (S)	38	%	13-130	1	07/20/20 17:08	07/22/20 21:31	321-60-8	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-2 **Lab ID: 92486787002** Collected: 07/16/20 10:50 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
Surrogates								
Terphenyl-d14 (S)	79	%	25-130	1	07/20/20 17:08	07/22/20 21:31	1718-51-0	
Phenol-d6 (S)	26	%	10-130	1	07/20/20 17:08	07/22/20 21:31	13127-88-3	
2-Fluorophenol (S)	34	%	10-130	1	07/20/20 17:08	07/22/20 21:31	367-12-4	
2,4,6-Tribromophenol (S)	40	%	10-137	1	07/20/20 17:08	07/22/20 21:31	118-79-6	
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
Acetone	ND	ug/L	25.0	1		07/23/20 05:57	67-64-1	
Benzene	ND	ug/L	1.0	1		07/23/20 05:57	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/23/20 05:57	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/23/20 05:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/23/20 05:57	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/23/20 05:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/23/20 05:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/23/20 05:57	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/23/20 05:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/23/20 05:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/23/20 05:57	75-00-3	IK,v1
Chloroform	ND	ug/L	5.0	1		07/23/20 05:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/23/20 05:57	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 05:57	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 05:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/23/20 05:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/23/20 05:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/23/20 05:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/23/20 05:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/23/20 05:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/23/20 05:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/23/20 05:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/23/20 05:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 05:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 05:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 05:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/23/20 05:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 05:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/23/20 05:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 05:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 05:57	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/23/20 05:57	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/23/20 05:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/23/20 05:57	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/23/20 05:57	591-78-6	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-2 **Lab ID: 92486787002** Collected: 07/16/20 10:50 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
p-Isopropyltoluene	ND	ug/L	1.0	1		07/23/20 05:57	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		07/23/20 05:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/23/20 05:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/23/20 05:57	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/23/20 05:57	91-20-3	
Styrene	ND	ug/L	1.0	1		07/23/20 05:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 05:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 05:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/23/20 05:57	127-18-4	
Toluene	ND	ug/L	1.0	1		07/23/20 05:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:57	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 05:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/23/20 05:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/23/20 05:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/23/20 05:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/23/20 05:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/23/20 05:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/23/20 05:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/23/20 05:57	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		07/23/20 05:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/23/20 05:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/23/20 05:57	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		07/23/20 05:57	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		07/23/20 05:57	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		07/23/20 05:57	2037-26-5	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 **Lab ID: 92486787003** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Aluminum	ND	ug/L	100	1	07/22/20 02:03	07/24/20 23:32	7429-90-5	
Antimony	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-36-0	
Arsenic	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:32	7440-38-2	
Barium	**50.6**	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-39-3	
Beryllium	ND	ug/L	1.0	1	07/22/20 02:03	07/24/20 23:32	7440-41-7	
Cadmium	ND	ug/L	1.0	1	07/22/20 02:03	07/24/20 23:32	7440-43-9	
Calcium	**2420**	ug/L	100	1	07/22/20 02:03	07/24/20 23:32	7440-70-2	
Chromium	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-47-3	
Cobalt	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-48-4	
Copper	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-50-8	
Iron	**129**	ug/L	50.0	1	07/22/20 02:03	07/24/20 23:32	7439-89-6	
Lead	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7439-92-1	
Magnesium	**1310**	ug/L	100	1	07/22/20 02:03	07/24/20 23:32	7439-95-4	
Manganese	**46.9**	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7439-96-5	
Nickel	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-02-0	
Potassium	ND	ug/L	5000	1	07/22/20 02:03	07/24/20 23:32	7440-09-7	
Selenium	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:32	7782-49-2	
Silver	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-22-4	
Sodium	ND	ug/L	5000	1	07/22/20 02:03	07/24/20 23:32	7440-23-5	
Thallium	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:32	7440-28-0	
Vanadium	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:32	7440-62-2	
Zinc	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:32	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville							
Mercury	ND	ug/L	0.20	1	07/20/20 18:40	07/21/20 17:02	7439-97-6	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	208-96-8	
Aniline	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	62-53-3	
Anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 22:01	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	111-91-1	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 **Lab ID: 92486787003** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	7005-72-3	
Chrysene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 22:01	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	606-20-2	L2
Di-n-octylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	07/20/20 17:08	07/22/20 22:01	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	206-44-0	
Fluorene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	193-39-5	
Isophorone	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 22:01	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	108-60-1	v1
Pentachlorophenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:01	87-86-5	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 **Lab ID: 92486787003** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
Phenanthrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	85-01-8	
Phenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	108-95-2	
Pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:01	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	58	%	13-130	1	07/20/20 17:08	07/22/20 22:01	4165-60-0	
2-Fluorobiphenyl (S)	54	%	13-130	1	07/20/20 17:08	07/22/20 22:01	321-60-8	
Terphenyl-d14 (S)	98	%	25-130	1	07/20/20 17:08	07/22/20 22:01	1718-51-0	
Phenol-d6 (S)	33	%	10-130	1	07/20/20 17:08	07/22/20 22:01	13127-88-3	
2-Fluorophenol (S)	44	%	10-130	1	07/20/20 17:08	07/22/20 22:01	367-12-4	
2,4,6-Tribromophenol (S)	56	%	10-137	1	07/20/20 17:08	07/22/20 22:01	118-79-6	
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
Acetone	ND	ug/L	25.0	1		07/23/20 06:15	67-64-1	
Benzene	ND	ug/L	1.0	1		07/23/20 06:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/23/20 06:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/23/20 06:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/23/20 06:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/23/20 06:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/23/20 06:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/23/20 06:15	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/23/20 06:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/23/20 06:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/23/20 06:15	75-00-3	IK,v1
Chloroform	ND	ug/L	5.0	1		07/23/20 06:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/23/20 06:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 06:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 06:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/23/20 06:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/23/20 06:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/23/20 06:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/23/20 06:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/23/20 06:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/23/20 06:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/23/20 06:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/23/20 06:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 06:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 06:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 06:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/23/20 06:15	142-28-9	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 **Lab ID: 92486787003** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 06:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/23/20 06:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 06:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 06:15	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/23/20 06:15	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/23/20 06:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/23/20 06:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/23/20 06:15	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/23/20 06:15	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		07/23/20 06:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/23/20 06:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/23/20 06:15	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/23/20 06:15	91-20-3	
Styrene	ND	ug/L	1.0	1		07/23/20 06:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 06:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 06:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/23/20 06:15	127-18-4	
Toluene	ND	ug/L	1.0	1		07/23/20 06:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:15	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/23/20 06:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/23/20 06:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/23/20 06:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/23/20 06:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/23/20 06:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/23/20 06:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/23/20 06:15	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		07/23/20 06:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/23/20 06:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/23/20 06:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		07/23/20 06:15	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		07/23/20 06:15	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		07/23/20 06:15	2037-26-5	

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 DUP **Lab ID: 92486787004** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Aluminum	ND	ug/L	100	1	07/22/20 02:03	07/24/20 23:36	7429-90-5	
Antimony	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-36-0	
Arsenic	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:36	7440-38-2	
Barium	**48.1**	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-39-3	
Beryllium	ND	ug/L	1.0	1	07/22/20 02:03	07/24/20 23:36	7440-41-7	
Cadmium	ND	ug/L	1.0	1	07/22/20 02:03	07/24/20 23:36	7440-43-9	
Calcium	**2260**	ug/L	100	1	07/22/20 02:03	07/24/20 23:36	7440-70-2	
Chromium	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-47-3	
Cobalt	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-48-4	
Copper	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-50-8	
Iron	**117**	ug/L	50.0	1	07/22/20 02:03	07/24/20 23:36	7439-89-6	
Lead	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7439-92-1	
Magnesium	**1270**	ug/L	100	1	07/22/20 02:03	07/24/20 23:36	7439-95-4	
Manganese	**47.9**	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7439-96-5	
Nickel	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-02-0	
Potassium	ND	ug/L	5000	1	07/22/20 02:03	07/24/20 23:36	7440-09-7	
Selenium	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:36	7782-49-2	
Silver	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-22-4	
Sodium	ND	ug/L	5000	1	07/22/20 02:03	07/24/20 23:36	7440-23-5	
Thallium	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:36	7440-28-0	
Vanadium	ND	ug/L	5.0	1	07/22/20 02:03	07/24/20 23:36	7440-62-2	
Zinc	ND	ug/L	10.0	1	07/22/20 02:03	07/24/20 23:36	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Asheville							
Mercury	ND	ug/L	0.20	1	07/20/20 18:40	07/21/20 17:04	7439-97-6	
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte							
Acenaphthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	208-96-8	
Aniline	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	62-53-3	
Anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 22:30	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	111-91-1	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 DUP **Lab ID: 92486787004** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	7005-72-3	
Chrysene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 22:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	606-20-2	L2
Di-n-octylphthalate	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	07/20/20 17:08	07/22/20 22:30	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	206-44-0	
Fluorene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	193-39-5	
Isophorone	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	07/20/20 17:08	07/22/20 22:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	108-60-1	v1
Pentachlorophenol	ND	ug/L	20.0	1	07/20/20 17:08	07/22/20 22:30	87-86-5	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 DUP **Lab ID: 92486787004** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE	Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
	Pace Analytical Services - Charlotte							
Phenanthrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	85-01-8	
Phenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	108-95-2	
Pyrene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	07/20/20 17:08	07/22/20 22:30	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	56	%	13-130	1	07/20/20 17:08	07/22/20 22:30	4165-60-0	
2-Fluorobiphenyl (S)	51	%	13-130	1	07/20/20 17:08	07/22/20 22:30	321-60-8	
Terphenyl-d14 (S)	89	%	25-130	1	07/20/20 17:08	07/22/20 22:30	1718-51-0	
Phenol-d6 (S)	31	%	10-130	1	07/20/20 17:08	07/22/20 22:30	13127-88-3	
2-Fluorophenol (S)	42	%	10-130	1	07/20/20 17:08	07/22/20 22:30	367-12-4	
2,4,6-Tribromophenol (S)	52	%	10-137	1	07/20/20 17:08	07/22/20 22:30	118-79-6	
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
Acetone	ND	ug/L	25.0	1		07/23/20 06:33	67-64-1	
Benzene	ND	ug/L	1.0	1		07/23/20 06:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		07/23/20 06:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		07/23/20 06:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		07/23/20 06:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		07/23/20 06:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1		07/23/20 06:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		07/23/20 06:33	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		07/23/20 06:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		07/23/20 06:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		07/23/20 06:33	75-00-3	IK,v1
Chloroform	ND	ug/L	5.0	1		07/23/20 06:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		07/23/20 06:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 06:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		07/23/20 06:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		07/23/20 06:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		07/23/20 06:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		07/23/20 06:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		07/23/20 06:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		07/23/20 06:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		07/23/20 06:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		07/23/20 06:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		07/23/20 06:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 06:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		07/23/20 06:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 06:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		07/23/20 06:33	142-28-9	

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ANALYTICAL RESULTS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Sample: MW-3 DUP **Lab ID: 92486787004** Collected: 07/16/20 12:10 Received: 07/17/20 11:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV Low Level	Analytical Method: EPA 8260D							
	Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	1.0	1		07/23/20 06:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		07/23/20 06:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 06:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		07/23/20 06:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		07/23/20 06:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		07/23/20 06:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		07/23/20 06:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		07/23/20 06:33	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		07/23/20 06:33	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		07/23/20 06:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		07/23/20 06:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		07/23/20 06:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		07/23/20 06:33	91-20-3	
Styrene	ND	ug/L	1.0	1		07/23/20 06:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 06:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		07/23/20 06:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		07/23/20 06:33	127-18-4	
Toluene	ND	ug/L	1.0	1		07/23/20 06:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:33	87-61-6	v2
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		07/23/20 06:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		07/23/20 06:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		07/23/20 06:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		07/23/20 06:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		07/23/20 06:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		07/23/20 06:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		07/23/20 06:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		07/23/20 06:33	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		07/23/20 06:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		07/23/20 06:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		07/23/20 06:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		07/23/20 06:33	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		07/23/20 06:33	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		07/23/20 06:33	2037-26-5	

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

QC Batch: 1513835
QC Batch Method: MADEPV
Analysis Method: MADEP VPH
Analysis Description: MADEPV
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92486787001, 92486787002

METHOD BLANK: R3552741-3
Matrix: Water
Associated Lab Samples: 92486787001, 92486787002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	100	07/23/20 13:41	
Aliphatic (C09-C12)	ug/L	ND	100	07/23/20 13:41	
Aromatic (C09-C10),Unadjusted	ug/L	ND	100	07/23/20 13:41	
Total VPH	ug/L	ND	100	07/23/20 13:41	
2,5-Dibromotoluene (FID)	%	74.1	70.0-130	07/23/20 13:41	
2,5-Dibromotoluene (PID)	%	83.4	70.0-130	07/23/20 13:41	

LABORATORY CONTROL SAMPLE & LCSD: R3552741-1 R3552741-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	1200	1370	1360	114	113	70.0-130	0.733	25	
Aliphatic (C09-C12)	ug/L	1400	1310	1300	93.6	92.9	70.0-130	0.766	25	
Aromatic (C09-C10),Unadjusted	ug/L	200	210	209	105	104	70.0-130	0.477	25	
Total VPH	ug/L	2800	2890	2870	103	103	70.0-130	0.694	25	
2,5-Dibromotoluene (FID)	%				93.6	88.6	70.0-130			
2,5-Dibromotoluene (PID)	%				103	98.3	70.0-130			

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

QC Batch: 554469
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92486787003, 92486787004

METHOD BLANK: 2945680 Matrix: Water
Associated Lab Samples: 92486787003, 92486787004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	07/21/20 16:06	

LABORATORY CONTROL SAMPLE: 2945681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.8	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2945682 2945683

Parameter	Units	92486168001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	0.86	2.5	2.5	3.2	2.8	93	79	75-125	12	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

QC Batch: 554871
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92486787003, 92486787004

METHOD BLANK: 2947496
Matrix: Water
Associated Lab Samples: 92486787003, 92486787004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	100	07/25/20 19:26	
Antimony	ug/L	ND	5.0	07/25/20 19:26	
Arsenic	ug/L	ND	10.0	07/25/20 19:26	
Barium	ug/L	ND	5.0	07/25/20 19:26	
Beryllium	ug/L	ND	1.0	07/25/20 19:26	
Cadmium	ug/L	ND	1.0	07/25/20 19:26	
Calcium	ug/L	ND	100	07/25/20 19:26	
Chromium	ug/L	ND	5.0	07/25/20 19:26	
Cobalt	ug/L	ND	5.0	07/25/20 19:26	
Copper	ug/L	ND	5.0	07/25/20 19:26	
Iron	ug/L	ND	50.0	07/25/20 19:26	P8
Lead	ug/L	ND	5.0	07/25/20 19:26	
Magnesium	ug/L	ND	100	07/25/20 19:26	
Manganese	ug/L	ND	5.0	07/24/20 06:17	
Nickel	ug/L	ND	5.0	07/25/20 19:26	
Potassium	ug/L	ND	5000	07/25/20 19:26	
Selenium	ug/L	ND	10.0	07/25/20 19:26	
Silver	ug/L	ND	5.0	07/25/20 19:26	
Sodium	ug/L	ND	5000	07/25/20 19:26	
Thallium	ug/L	ND	10.0	07/25/20 19:26	
Vanadium	ug/L	ND	5.0	07/25/20 19:26	
Zinc	ug/L	ND	10.0	07/25/20 19:26	

LABORATORY CONTROL SAMPLE: 2947497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	5000	4800	96	80-120	
Antimony	ug/L	500	486	97	80-120	
Arsenic	ug/L	500	484	97	80-120	
Barium	ug/L	500	492	98	80-120	
Beryllium	ug/L	500	490	98	80-120	
Cadmium	ug/L	500	506	101	80-120	
Calcium	ug/L	5000	4630	93	80-120	
Chromium	ug/L	500	519	104	80-120	
Cobalt	ug/L	500	484	97	80-120	
Copper	ug/L	500	520	104	80-120	
Iron	ug/L	5000	4790	96	80-120	
Lead	ug/L	500	494	99	80-120	
Magnesium	ug/L	5000	5280	106	80-120	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

LABORATORY CONTROL SAMPLE: 2947497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	500	469	94	80-120	
Nickel	ug/L	500	502	100	80-120	
Potassium	ug/L	5000	4820J	96	80-120	
Selenium	ug/L	500	516	103	80-120	
Silver	ug/L	250	244	98	80-120	
Sodium	ug/L	5000	4900J	98	80-120	
Thallium	ug/L	500	496	99	80-120	
Vanadium	ug/L	500	488	98	80-120	
Zinc	ug/L	500	474	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2947498 2947499

Parameter	Units	92486761003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Aluminum	ug/L	ND	5000	5000	4840	5080	95	100	75-125	5	
Antimony	ug/L	ND	500	500	471	482	94	96	75-125	2	
Arsenic	ug/L	ND	500	500	476	484	95	97	75-125	2	
Barium	ug/L	220	500	500	695	711	95	98	75-125	2	
Beryllium	ug/L	ND	500	500	456	490	91	98	75-125	7	
Cadmium	ug/L	ND	500	500	480	496	96	99	75-125	3	
Calcium	ug/L	14800	5000	5000	19200	20400	88	113	75-125	6	
Chromium	ug/L	ND	500	500	467	517	93	103	75-125	10	
Cobalt	ug/L	ND	500	500	464	474	92	94	75-125	2	
Copper	ug/L	ND	500	500	488	511	97	102	75-125	5	
Iron	ug/L	172	5000	5000	4530	4870	87	94	75-125	7	
Lead	ug/L	ND	500	500	465	473	93	95	75-125	2	
Magnesium	ug/L	5580	5000	5000	10200	11600	93	120	75-125	12	
Manganese	ug/L	103	500	500	551	592	90	98	75-125	7	
Nickel	ug/L	ND	500	500	472	489	94	97	75-125	4	
Potassium	ug/L	5940	5000	5000	10600	11000	92	101	75-125	4	
Selenium	ug/L	ND	500	500	496	499	99	100	75-125	1	
Silver	ug/L	ND	250	250	235	ND	94	0	75-125		M1
Sodium	ug/L	11800	5000	5000	16400	17200	93	108	75-125	4	
Thallium	ug/L	ND	500	500	456	476	91	95	75-125	4	
Vanadium	ug/L	ND	500	500	457	492	91	98	75-125	7	
Zinc	ug/L	ND	500	500	463	475	91	93	75-125	3	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

QC Batch: 555136
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV Low Level
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486787001, 92486787002, 92486787003, 92486787004

METHOD BLANK: 2948807
Matrix: Water
Associated Lab Samples: 92486787001, 92486787002, 92486787003, 92486787004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	07/23/20 05:03	
1,1,1-Trichloroethane	ug/L	ND	1.0	07/23/20 05:03	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	07/23/20 05:03	
1,1,2-Trichloroethane	ug/L	ND	1.0	07/23/20 05:03	
1,1-Dichloroethane	ug/L	ND	1.0	07/23/20 05:03	
1,1-Dichloroethene	ug/L	ND	1.0	07/23/20 05:03	
1,1-Dichloropropene	ug/L	ND	1.0	07/23/20 05:03	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	07/23/20 05:03	v2
1,2,3-Trichloropropane	ug/L	ND	1.0	07/23/20 05:03	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	07/23/20 05:03	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	07/23/20 05:03	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	07/23/20 05:03	
1,2-Dichlorobenzene	ug/L	ND	1.0	07/23/20 05:03	
1,2-Dichloroethane	ug/L	ND	1.0	07/23/20 05:03	
1,2-Dichloropropane	ug/L	ND	1.0	07/23/20 05:03	
1,3-Dichlorobenzene	ug/L	ND	1.0	07/23/20 05:03	
1,3-Dichloropropane	ug/L	ND	1.0	07/23/20 05:03	
1,4-Dichlorobenzene	ug/L	ND	1.0	07/23/20 05:03	
2,2-Dichloropropane	ug/L	ND	1.0	07/23/20 05:03	
2-Butanone (MEK)	ug/L	ND	5.0	07/23/20 05:03	
2-Chlorotoluene	ug/L	ND	1.0	07/23/20 05:03	
2-Hexanone	ug/L	ND	5.0	07/23/20 05:03	
4-Chlorotoluene	ug/L	ND	1.0	07/23/20 05:03	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	07/23/20 05:03	
Acetone	ug/L	ND	25.0	07/23/20 05:03	
Benzene	ug/L	ND	1.0	07/23/20 05:03	
Bromobenzene	ug/L	ND	1.0	07/23/20 05:03	
Bromochloromethane	ug/L	ND	1.0	07/23/20 05:03	
Bromodichloromethane	ug/L	ND	1.0	07/23/20 05:03	
Bromoform	ug/L	ND	1.0	07/23/20 05:03	
Bromomethane	ug/L	ND	2.0	07/23/20 05:03	
Carbon tetrachloride	ug/L	ND	1.0	07/23/20 05:03	
Chlorobenzene	ug/L	ND	1.0	07/23/20 05:03	
Chloroethane	ug/L	ND	1.0	07/23/20 05:03	IK,v1
Chloroform	ug/L	ND	5.0	07/23/20 05:03	
Chloromethane	ug/L	ND	1.0	07/23/20 05:03	
cis-1,2-Dichloroethene	ug/L	ND	1.0	07/23/20 05:03	
cis-1,3-Dichloropropene	ug/L	ND	1.0	07/23/20 05:03	
Dibromochloromethane	ug/L	ND	1.0	07/23/20 05:03	
Dibromomethane	ug/L	ND	1.0	07/23/20 05:03	

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

METHOD BLANK: 2948807 Matrix: Water
Associated Lab Samples: 92486787001, 92486787002, 92486787003, 92486787004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	ND	1.0	07/23/20 05:03	
Diisopropyl ether	ug/L	ND	1.0	07/23/20 05:03	
Ethylbenzene	ug/L	ND	1.0	07/23/20 05:03	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	07/23/20 05:03	
m&p-Xylene	ug/L	ND	2.0	07/23/20 05:03	
Methyl-tert-butyl ether	ug/L	ND	1.0	07/23/20 05:03	
Methylene Chloride	ug/L	ND	5.0	07/23/20 05:03	
Naphthalene	ug/L	ND	1.0	07/23/20 05:03	
o-Xylene	ug/L	ND	1.0	07/23/20 05:03	
p-Isopropyltoluene	ug/L	ND	1.0	07/23/20 05:03	
Styrene	ug/L	ND	1.0	07/23/20 05:03	
Tetrachloroethene	ug/L	ND	1.0	07/23/20 05:03	
Toluene	ug/L	ND	1.0	07/23/20 05:03	
trans-1,2-Dichloroethene	ug/L	ND	1.0	07/23/20 05:03	
trans-1,3-Dichloropropene	ug/L	ND	1.0	07/23/20 05:03	
Trichloroethene	ug/L	ND	1.0	07/23/20 05:03	
Trichlorofluoromethane	ug/L	ND	1.0	07/23/20 05:03	
Vinyl acetate	ug/L	ND	2.0	07/23/20 05:03	
Vinyl chloride	ug/L	ND	1.0	07/23/20 05:03	
Xylene (Total)	ug/L	ND	1.0	07/23/20 05:03	
1,2-Dichloroethane-d4 (S)	%	102	70-130	07/23/20 05:03	
4-Bromofluorobenzene (S)	%	98	70-130	07/23/20 05:03	
Toluene-d8 (S)	%	101	70-130	07/23/20 05:03	

LABORATORY CONTROL SAMPLE: 2948808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.3	99	70-130	
1,1,1-Trichloroethane	ug/L	50	50.6	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	43.5	87	70-130	
1,1,2-Trichloroethane	ug/L	50	47.2	94	70-130	
1,1-Dichloroethane	ug/L	50	46.4	93	70-130	
1,1-Dichloroethene	ug/L	50	47.2	94	70-130	
1,1-Dichloropropene	ug/L	50	48.2	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	43.0	86	70-130	v3
1,2,3-Trichloropropane	ug/L	50	42.8	86	70-130	
1,2,4-Trichlorobenzene	ug/L	50	44.5	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.6	99	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.3	97	70-130	
1,2-Dichlorobenzene	ug/L	50	47.7	95	70-130	
1,2-Dichloroethane	ug/L	50	49.0	98	70-130	
1,2-Dichloropropane	ug/L	50	46.3	93	70-130	
1,3-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,3-Dichloropropane	ug/L	50	46.6	93	70-131	

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

LABORATORY CONTROL SAMPLE: 2948808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	48.2	96	70-130	
2,2-Dichloropropane	ug/L	50	46.4	93	69-130	
2-Butanone (MEK)	ug/L	100	85.9	86	64-135	
2-Chlorotoluene	ug/L	50	50.3	101	70-130	
2-Hexanone	ug/L	100	86.5	87	66-135	
4-Chlorotoluene	ug/L	50	48.9	98	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	86.5	86	70-130	
Acetone	ug/L	100	99.2	99	61-157	
Benzene	ug/L	50	45.3	91	70-130	
Bromobenzene	ug/L	50	48.7	97	70-130	
Bromochloromethane	ug/L	50	47.4	95	70-130	
Bromodichloromethane	ug/L	50	48.4	97	70-130	
Bromoform	ug/L	50	48.9	98	70-130	
Bromomethane	ug/L	50	63.6	127	38-130	
Carbon tetrachloride	ug/L	50	51.5	103	70-130	
Chlorobenzene	ug/L	50	45.8	92	70-130	
Chloroethane	ug/L	50	47.6	95	37-142	IK,v1
Chloroform	ug/L	50	48.6	97	70-130	
Chloromethane	ug/L	50	38.1	76	48-130	
cis-1,2-Dichloroethene	ug/L	50	46.8	94	70-130	
cis-1,3-Dichloropropene	ug/L	50	49.1	98	70-130	
Dibromochloromethane	ug/L	50	51.0	102	70-130	
Dibromomethane	ug/L	50	47.7	95	70-130	
Dichlorodifluoromethane	ug/L	50	38.1	76	53-134	
Diisopropyl ether	ug/L	50	45.1	90	70-135	
Ethylbenzene	ug/L	50	46.5	93	70-130	
Hexachloro-1,3-butadiene	ug/L	50	43.4	87	68-132	
m&p-Xylene	ug/L	100	94.9	95	70-130	
Methyl-tert-butyl ether	ug/L	50	47.5	95	70-130	
Methylene Chloride	ug/L	50	46.5	93	67-132	
Naphthalene	ug/L	50	42.9	86	70-130	
o-Xylene	ug/L	50	45.6	91	70-131	
p-Isopropyltoluene	ug/L	50	49.0	98	70-130	
Styrene	ug/L	50	47.8	96	70-130	
Tetrachloroethene	ug/L	50	46.5	93	69-130	
Toluene	ug/L	50	45.4	91	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.1	96	70-130	
Trichloroethene	ug/L	50	47.3	95	70-130	
Trichlorofluoromethane	ug/L	50	44.7	89	63-130	
Vinyl acetate	ug/L	100	94.3	94	55-143	
Vinyl chloride	ug/L	50	43.6	87	70-131	
Xylene (Total)	ug/L	150	141	94	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2949425 2949426

Parameter	Units	92486928001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	19.9	19.8	99	99	73-134	0	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.0	20.6	100	103	82-143	3	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.6	18.1	88	90	70-136	3	
1,1,2-Trichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	70-135	1	
1,1-Dichloroethane	ug/L	ND	20	20	18.2	18.3	91	91	70-139	0	
1,1-Dichloroethene	ug/L	ND	20	20	18.5	18.9	92	95	70-154	2	
1,1-Dichloropropene	ug/L	ND	20	20	19.2	19.6	96	98	70-149	2	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.1	20.7	101	103	70-135	3	v3
1,2,3-Trichloropropane	ug/L	ND	20	20	18.2	18.4	91	92	71-137	1	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	19.6	20.1	98	100	73-140	2	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20.3	21.7	101	109	65-134	7	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	19.4	19.6	97	98	70-137	1	
1,2-Dichlorobenzene	ug/L	ND	20	20	18.5	18.9	92	94	70-133	2	
1,2-Dichloroethane	ug/L	ND	20	20	19.2	19.1	96	96	70-137	0	
1,2-Dichloropropane	ug/L	ND	20	20	18.5	18.7	92	94	70-140	1	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.8	19.1	94	96	70-135	2	
1,3-Dichloropropane	ug/L	ND	20	20	18.7	18.7	93	93	70-143	0	
1,4-Dichlorobenzene	ug/L	ND	20	20	18.8	19.1	94	96	70-133	2	
2,2-Dichloropropane	ug/L	ND	20	20	21.1	20.5	105	102	61-148	3	
2-Butanone (MEK)	ug/L	ND	40	40	34.6	35.1	86	88	60-139	2	
2-Chlorotoluene	ug/L	ND	20	20	19.4	20.1	97	100	70-144	3	
2-Hexanone	ug/L	ND	40	40	35.9	36.2	90	90	65-138	1	
4-Chlorotoluene	ug/L	ND	20	20	19.2	19.5	96	97	70-137	1	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	35.9	36.2	90	90	65-135	1	
Acetone	ug/L	ND	40	40	40.0	38.7	100	97	60-148	3	
Benzene	ug/L	ND	20	20	18.3	18.5	91	92	70-151	1	
Bromobenzene	ug/L	ND	20	20	19.6	20.0	98	100	70-136	2	
Bromochloromethane	ug/L	ND	20	20	18.6	18.4	93	92	70-141	1	
Bromodichloromethane	ug/L	ND	20	20	19.1	19.2	96	96	70-138	0	
Bromoform	ug/L	ND	20	20	19.8	20.0	99	100	63-130	1	
Bromomethane	ug/L	ND	20	20	26.2	26.1	131	130	15-152	1	
Carbon tetrachloride	ug/L	ND	20	20	21.5	21.6	108	108	70-143	0	
Chlorobenzene	ug/L	ND	20	20	19.0	18.9	95	95	70-138	1	
Chloroethane	ug/L	ND	20	20	19.4	19.8	97	99	52-163	2	IK,v1
Chloroform	ug/L	ND	20	20	19.6	19.8	98	99	70-139	1	
Chloromethane	ug/L	ND	20	20	12.2	12.3	61	61	41-139	1	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.1	18.4	91	92	70-141	1	
cis-1,3-Dichloropropene	ug/L	ND	20	20	19.9	19.8	99	99	70-137	1	
Dibromochloromethane	ug/L	ND	20	20	19.7	20.0	98	100	70-134	2	
Dibromomethane	ug/L	ND	20	20	19.4	19.1	97	96	70-138	1	
Dichlorodifluoromethane	ug/L	ND	20	20	10.2	10.1	51	51	47-155	1	
Diisopropyl ether	ug/L	ND	20	20	16.7	16.9	83	84	63-144	1	
Ethylbenzene	ug/L	ND	20	20	19.1	19.3	95	96	66-153	1	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.4	20.1	102	100	65-149	1	
m&p-Xylene	ug/L	ND	40	40	38.8	39.3	97	98	69-152	1	
Methyl-tert-butyl ether	ug/L	ND	20	20	18.6	18.8	93	94	54-156	1	

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2949425 2949426

Parameter	Units	92486928001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Methylene Chloride	ug/L	ND	20	20	18.2	18.2	91	91	42-159	0	
Naphthalene	ug/L	ND	20	20	22.4	20.2	112	101	61-148	10	
o-Xylene	ug/L	ND	20	20	18.7	18.9	94	94	70-148	1	
p-Isopropyltoluene	ug/L	ND	20	20	19.5	19.5	98	98	70-146	0	
Styrene	ug/L	ND	20	20	19.1	18.9	95	94	70-135	1	
Tetrachloroethene	ug/L	ND	20	20	19.7	19.7	98	99	59-143	0	
Toluene	ug/L	ND	20	20	19.0	18.9	95	94	59-148	1	
trans-1,2-Dichloroethene	ug/L	ND	20	20	18.7	19.0	93	95	70-146	2	
trans-1,3-Dichloropropene	ug/L	ND	20	20	19.2	19.5	96	98	70-135	2	
Trichloroethene	ug/L	ND	20	20	19.2	19.4	96	97	70-147	1	
Trichlorofluoromethane	ug/L	ND	20	20	18.7	18.9	94	94	70-148	1	
Vinyl acetate	ug/L	ND	40	40	35.1	35.1	88	88	49-151	0	
Vinyl chloride	ug/L	ND	20	20	15.1	15.3	76	76	70-156	1	
Xylene (Total)	ug/L	ND	60	60	57.5	58.2	96	97	63-158	1	
1,2-Dichloroethane-d4 (S)	%						104	103	70-130		
4-Bromofluorobenzene (S)	%						100	100	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

QC Batch: 554452
QC Batch Method: EPA 3510C
Analysis Method: EPA 8270E
Analysis Description: 8270E Water MSSV RVE
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486787001, 92486787002, 92486787003, 92486787004

METHOD BLANK: 2945597
Matrix: Water
Associated Lab Samples: 92486787001, 92486787002, 92486787003, 92486787004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	07/21/20 13:28	
1,2-Dichlorobenzene	ug/L	ND	10.0	07/21/20 13:28	
1,3-Dichlorobenzene	ug/L	ND	10.0	07/21/20 13:28	
1,4-Dichlorobenzene	ug/L	ND	10.0	07/21/20 13:28	
1-Methylnaphthalene	ug/L	ND	10.0	07/21/20 13:28	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	07/21/20 13:28	
2,4,5-Trichlorophenol	ug/L	ND	10.0	07/21/20 13:28	
2,4,6-Trichlorophenol	ug/L	ND	10.0	07/21/20 13:28	
2,4-Dichlorophenol	ug/L	ND	10.0	07/21/20 13:28	
2,4-Dimethylphenol	ug/L	ND	10.0	07/21/20 13:28	
2,4-Dinitrophenol	ug/L	ND	50.0	07/21/20 13:28	
2,4-Dinitrotoluene	ug/L	ND	10.0	07/21/20 13:28	
2,6-Dinitrotoluene	ug/L	ND	10.0	07/21/20 13:28	
2-Chloronaphthalene	ug/L	ND	10.0	07/21/20 13:28	
2-Chlorophenol	ug/L	ND	10.0	07/21/20 13:28	
2-Methylnaphthalene	ug/L	ND	10.0	07/21/20 13:28	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	07/21/20 13:28	
2-Nitroaniline	ug/L	ND	20.0	07/21/20 13:28	v1
2-Nitrophenol	ug/L	ND	10.0	07/21/20 13:28	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	07/21/20 13:28	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	07/21/20 13:28	
3-Nitroaniline	ug/L	ND	20.0	07/21/20 13:28	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	07/21/20 13:28	
4-Bromophenylphenyl ether	ug/L	ND	10.0	07/21/20 13:28	
4-Chloro-3-methylphenol	ug/L	ND	10.0	07/21/20 13:28	
4-Chloroaniline	ug/L	ND	20.0	07/21/20 13:28	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	07/21/20 13:28	
4-Nitroaniline	ug/L	ND	20.0	07/21/20 13:28	
4-Nitrophenol	ug/L	ND	50.0	07/21/20 13:28	
Acenaphthene	ug/L	ND	10.0	07/21/20 13:28	
Acenaphthylene	ug/L	ND	10.0	07/21/20 13:28	
Aniline	ug/L	ND	10.0	07/21/20 13:28	
Anthracene	ug/L	ND	10.0	07/21/20 13:28	
Benzo(a)anthracene	ug/L	ND	10.0	07/21/20 13:28	
Benzo(a)pyrene	ug/L	ND	10.0	07/21/20 13:28	
Benzo(b)fluoranthene	ug/L	ND	10.0	07/21/20 13:28	
Benzo(g,h,i)perylene	ug/L	ND	10.0	07/21/20 13:28	
Benzo(k)fluoranthene	ug/L	ND	10.0	07/21/20 13:28	
Benzoic Acid	ug/L	ND	50.0	07/21/20 13:28	
Benzyl alcohol	ug/L	ND	20.0	07/21/20 13:28	

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(704)875-9092

QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

METHOD BLANK: 2945597 Matrix: Water
Associated Lab Samples: 92486787001, 92486787002, 92486787003, 92486787004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	07/21/20 13:28	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	07/21/20 13:28	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	07/21/20 13:28	
Butylbenzylphthalate	ug/L	ND	10.0	07/21/20 13:28	
Chrysene	ug/L	ND	10.0	07/21/20 13:28	
Di-n-butylphthalate	ug/L	ND	10.0	07/21/20 13:28	
Di-n-octylphthalate	ug/L	ND	10.0	07/21/20 13:28	
Dibenz(a,h)anthracene	ug/L	ND	10.0	07/21/20 13:28	
Dibenzofuran	ug/L	ND	10.0	07/21/20 13:28	
Diethylphthalate	ug/L	ND	10.0	07/21/20 13:28	
Dimethylphthalate	ug/L	ND	10.0	07/21/20 13:28	
Fluoranthene	ug/L	ND	10.0	07/21/20 13:28	
Fluorene	ug/L	ND	10.0	07/21/20 13:28	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	07/21/20 13:28	
Hexachlorobenzene	ug/L	ND	10.0	07/21/20 13:28	
Hexachlorocyclopentadiene	ug/L	ND	10.0	07/21/20 13:28	
Hexachloroethane	ug/L	ND	10.0	07/21/20 13:28	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	07/21/20 13:28	
Isophorone	ug/L	ND	10.0	07/21/20 13:28	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	07/21/20 13:28	
N-Nitrosodimethylamine	ug/L	ND	10.0	07/21/20 13:28	
N-Nitrosodiphenylamine	ug/L	ND	10.0	07/21/20 13:28	
Naphthalene	ug/L	ND	10.0	07/21/20 13:28	
Nitrobenzene	ug/L	ND	10.0	07/21/20 13:28	
Pentachlorophenol	ug/L	ND	20.0	07/21/20 13:28	
Phenanthrene	ug/L	ND	10.0	07/21/20 13:28	
Phenol	ug/L	ND	10.0	07/21/20 13:28	
Pyrene	ug/L	ND	10.0	07/21/20 13:28	
2,4,6-Tribromophenol (S)	%	59	10-137	07/21/20 13:28	
2-Fluorobiphenyl (S)	%	68	13-130	07/21/20 13:28	
2-Fluorophenol (S)	%	57	10-130	07/21/20 13:28	
Nitrobenzene-d5 (S)	%	80	13-130	07/21/20 13:28	
Phenol-d6 (S)	%	49	10-130	07/21/20 13:28	
Terphenyl-d14 (S)	%	81	25-130	07/21/20 13:28	

LABORATORY CONTROL SAMPLE: 2945598

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	15.1	30	30-130	
1,2-Dichlorobenzene	ug/L	50	17.1	34	30-130	
1,3-Dichlorobenzene	ug/L	50	16.2	32	20-130	
1,4-Dichlorobenzene	ug/L	50	19.4	39	30-130	
1-Methylnaphthalene	ug/L	50	16.4	33	30-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	21.7	43	20-130	

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

LABORATORY CONTROL SAMPLE: 2945598

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-Trichlorophenol	ug/L	50	23.4	47	40-130	
2,4,6-Trichlorophenol	ug/L	50	22.3	45	40-130	
2,4-Dichlorophenol	ug/L	50	20.3	41	31-130	
2,4-Dimethylphenol	ug/L	50	24.1	48	30-130	
2,4-Dinitrophenol	ug/L	250	136	54	30-130	
2,4-Dinitrotoluene	ug/L	50	32.2	64	49-130	
2,6-Dinitrotoluene	ug/L	50	23.9	48	50-130	L2
2-Chloronaphthalene	ug/L	50	21.7	43	30-130	
2-Chlorophenol	ug/L	50	21.4	43	30-130	
2-Methylnaphthalene	ug/L	50	17.5	35	30-130	
2-Methylphenol(o-Cresol)	ug/L	50	22.4	45	30-130	
2-Nitroaniline	ug/L	100	57.2	57	40-130	v1
2-Nitrophenol	ug/L	50	20.3	41	20-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	18.8	38	20-130	
3,3'-Dichlorobenzidine	ug/L	100	67.3	67	10-150	
3-Nitroaniline	ug/L	100	53.4	53	40-130	
4,6-Dinitro-2-methylphenol	ug/L	100	67.0	67	40-130	
4-Bromophenylphenyl ether	ug/L	50	21.3	43	30-130	
4-Chloro-3-methylphenol	ug/L	100	36.4	36	30-130	
4-Chloroaniline	ug/L	100	37.2	37	20-130	
4-Chlorophenylphenyl ether	ug/L	50	19.2	38	20-130	
4-Nitroaniline	ug/L	100	70.8	71	40-130	
4-Nitrophenol	ug/L	250	95.4	38	10-130	
Acenaphthene	ug/L	50	21.8	44	30-130	
Acenaphthylene	ug/L	50	23.0	46	30-130	
Aniline	ug/L	50	20.4	41	20-130	
Anthracene	ug/L	50	29.3	59	50-130	
Benzo(a)anthracene	ug/L	50	39.5	79	50-130	
Benzo(a)pyrene	ug/L	50	39.8	80	50-130	
Benzo(b)fluoranthene	ug/L	50	39.8	80	50-130	
Benzo(g,h,i)perylene	ug/L	50	36.8	74	50-130	
Benzo(k)fluoranthene	ug/L	50	41.6	83	50-130	
Benzoic Acid	ug/L	250	46.2J	18	10-130	
Benzyl alcohol	ug/L	100	43.5	43	20-130	
bis(2-Chloroethoxy)methane	ug/L	50	21.6	43	30-130	
bis(2-Chloroethyl) ether	ug/L	50	24.0	48	30-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	42.6	85	50-130	
Butylbenzylphthalate	ug/L	50	40.6	81	50-150	
Chrysene	ug/L	50	40.4	81	50-130	
Di-n-butylphthalate	ug/L	50	36.1	72	50-130	
Di-n-octylphthalate	ug/L	50	38.7	77	50-130	
Dibenz(a,h)anthracene	ug/L	50	37.2	74	40-130	
Dibenzofuran	ug/L	50	21.8	44	40-130	
Diethylphthalate	ug/L	50	27.4	55	40-130	
Dimethylphthalate	ug/L	50	24.0	48	40-130	
Fluoranthene	ug/L	50	35.4	71	30-130	
Fluorene	ug/L	50	21.4	43	20-130	

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

LABORATORY CONTROL SAMPLE: 2945598

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachloro-1,3-butadiene	ug/L	50	13.5	27	10-130	
Hexachlorobenzene	ug/L	50	21.1	42	30-130	
Hexachlorocyclopentadiene	ug/L	50	16.5	33	10-150	
Hexachloroethane	ug/L	50	16.4	33	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	36.5	73	40-130	
Isophorone	ug/L	50	23.3	47	30-130	
N-Nitroso-di-n-propylamine	ug/L	50	19.8	40	30-130	
N-Nitrosodimethylamine	ug/L	50	18.4	37	10-130	
N-Nitrosodiphenylamine	ug/L	50	26.0	52	30-130	
Naphthalene	ug/L	50	18.9	38	20-130	
Nitrobenzene	ug/L	50	25.4	51	20-130	
Pentachlorophenol	ug/L	100	59.0	59	10-140	
Phenanthrene	ug/L	50	29.7	59	50-130	
Phenol	ug/L	50	14.4	29	10-130	
Pyrene	ug/L	50	41.3	83	50-130	
2,4,6-Tribromophenol (S)	%			44	10-137	
2-Fluorobiphenyl (S)	%			53	13-130	
2-Fluorophenol (S)	%			35	10-130	
Nitrobenzene-d5 (S)	%			47	13-130	
Phenol-d6 (S)	%			29	10-130	
Terphenyl-d14 (S)	%			82	25-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2945599 2945600

Parameter	Units	92486664002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/L	ND	100	100	37.3	44.8	37	45	30-130	18	
1,2-Dichlorobenzene	ug/L	ND	100	100	38.0	45.3	38	45	30-130	17	
1,3-Dichlorobenzene	ug/L	ND	100	100	39.0	45.7	39	46	20-130	16	
1,4-Dichlorobenzene	ug/L	ND	100	100	40.7	46.0	41	46	30-130	12	
1-Methylnaphthalene	ug/L	ND	100	100	39.6	47.4	40	47	30-130	18	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	63.4	73.5	63	74	20-130	15	v1
2,4,5-Trichlorophenol	ug/L	ND	100	100	46.5	55.5	46	55	40-130	18	
2,4,6-Trichlorophenol	ug/L	ND	100	100	43.4	50.9	43	51	40-130	16	
2,4-Dichlorophenol	ug/L	ND	100	100	41.2	48.3	41	48	31-130	16	
2,4-Dimethylphenol	ug/L	ND	100	100	48.0	58.1	48	58	30-130	19	
2,4-Dinitrophenol	ug/L	ND	500	500	294	281	59	56	30-130	5	
2,4-Dinitrotoluene	ug/L	ND	100	100	73.1	71.6	73	72	49-130	2	
2,6-Dinitrotoluene	ug/L	ND	100	100	57.1	63.1	57	63	50-130	10	
2-Chloronaphthalene	ug/L	ND	100	100	38.8	47.0	39	47	30-130	19	
2-Chlorophenol	ug/L	ND	100	100	45.0	52.1	45	52	30-130	15	
2-Methylnaphthalene	ug/L	ND	100	100	41.9	49.5	42	49	30-130	17	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	41.1	49.2	41	49	30-130	18	
2-Nitroaniline	ug/L	ND	200	200	117	132	59	66	40-130	12	
2-Nitrophenol	ug/L	ND	100	100	45.3	55.2	45	55	20-130	20	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2945599 2945600

Parameter	Units	92486664002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	39.3	47.9	39	48	20-130	20	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	169	151	84	76	10-150	11	
3-Nitroaniline	ug/L	ND	200	200	112	117	56	59	40-130	5	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	152	141	76	70	40-130	8	
4-Bromophenylphenyl ether	ug/L	ND	100	100	49.5	57.2	49	57	30-130	15	
4-Chloro-3-methylphenol	ug/L	ND	200	200	94.4	113	47	56	30-130	18	
4-Chloroaniline	ug/L	ND	200	200	76.0	84.2	38	42	20-130	10	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	42.2	49.7	42	50	20-130	16	
4-Nitroaniline	ug/L	ND	200	200	161	147	80	74	40-130	9	
4-Nitrophenol	ug/L	ND	500	500	229	218	46	44	10-130	5	
Acenaphthene	ug/L	ND	100	100	43.0	49.8	43	50	30-130	15	
Acenaphthylene	ug/L	ND	100	100	43.9	51.9	44	52	30-130	17	
Aniline	ug/L	ND	100	100	28.9	30.8	29	31	20-130	6	
Anthracene	ug/L	ND	100	100	65.9	67.2	66	67	50-130	2	
Benzo(a)anthracene	ug/L	ND	100	100	85.2	78.9	85	79	50-130	8	
Benzo(a)pyrene	ug/L	ND	100	100	84.4	75.3	84	75	50-130	11	
Benzo(b)fluoranthene	ug/L	ND	100	100	84.8	76.2	85	76	50-130	11	
Benzo(g,h,i)perylene	ug/L	ND	100	100	85.0	77.0	85	77	50-130	10	
Benzo(k)fluoranthene	ug/L	ND	100	100	84.0	74.2	84	74	50-130	12	
Benzoic Acid	ug/L	ND	500	500	110	132	22	26	10-130	18	
Benzyl alcohol	ug/L	ND	200	200	89.4	106	45	53	20-130	17	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	42.4	50.4	42	50	30-130	17	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	52.6	57.9	53	58	30-130	10	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	96.9	90.9	97	91	50-130	6	
Butylbenzylphthalate	ug/L	ND	100	100	95.0	87.6	95	88	50-150	8	
Chrysene	ug/L	ND	100	100	81.0	75.4	81	75	50-130	7	
Di-n-butylphthalate	ug/L	ND	100	100	86.9	81.2	87	81	50-130	7	
Di-n-octylphthalate	ug/L	ND	100	100	102	95.8	102	96	50-130	7	
Dibenz(a,h)anthracene	ug/L	ND	100	100	87.0	80.3	87	80	40-130	8	
Dibenzofuran	ug/L	ND	100	100	44.5	51.4	44	51	40-130	15	
Diethylphthalate	ug/L	ND	100	100	65.7	64.8	66	65	40-130	1	
Dimethylphthalate	ug/L	ND	100	100	50.6	55.7	51	56	40-130	10	
Fluoranthene	ug/L	ND	100	100	81.6	76.6	82	77	30-130	6	
Fluorene	ug/L	ND	100	100	45.9	52.9	46	53	20-130	14	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	32.4	39.9	32	40	10-130	21	
Hexachlorobenzene	ug/L	ND	100	100	56.2	61.2	56	61	30-130	9	
Hexachlorocyclopentadiene	ug/L	ND	100	100	29.5	38.7	30	39	10-150	27	
Hexachloroethane	ug/L	ND	100	100	39.2	45.4	39	45	10-130	15	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	86.5	77.4	86	77	40-130	11	
Isophorone	ug/L	ND	100	100	45.0	54.1	45	54	30-130	18	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	48.7	56.8	49	57	30-130	15	
N-Nitrosodimethylamine	ug/L	ND	100	100	42.3	50.2	42	50	10-130	17	
N-Nitrosodiphenylamine	ug/L	ND	100	100	55.2	62.3	55	62	30-130	12	
Naphthalene	ug/L	ND	100	100	40.6	47.8	41	48	20-130	16	
Nitrobenzene	ug/L	ND	100	100	48.0	54.9	48	55	20-130	13	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2945599 2945600

Parameter	Units	92486664002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Pentachlorophenol	ug/L	ND	200	200	139	130	70	65	10-140	7	
Phenanthrene	ug/L	ND	100	100	64.7	65.2	65	65	50-130	1	
Phenol	ug/L	ND	100	100	27.4	30.2	27	30	10-130	10	
Pyrene	ug/L	ND	100	100	79.8	72.7	80	73	50-130	9	
2,4,6-Tribromophenol (S)	%						67	73	10-137		
2-Fluorobiphenyl (S)	%						43	51	13-130		
2-Fluorophenol (S)	%						37	43	10-130		
Nitrobenzene-d5 (S)	%						51	60	13-130		
Phenol-d6 (S)	%						30	35	10-130		
Terphenyl-d14 (S)	%						98	89	25-130		

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QUALITY CONTROL DATA

Project: Fmr Monroe Street School
Pace Project No.: 92486787

QC Batch: 555290
QC Batch Method: MADEP EPH
Analysis Method: MADEP EPH
Analysis Description: MADEP EPH NC Water
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92486787001, 92486787002

METHOD BLANK: 2949331
Matrix: Water
Associated Lab Samples: 92486787001, 92486787002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	ug/L	ND	100	07/23/20 17:28	N2
Aliphatic (C19-C36)	ug/L	ND	100	07/23/20 17:28	N2
Aromatic (C11-C22)	ug/L	ND	100	07/23/20 17:28	N2
2-Bromonaphthalene (S)	%	80	40-140	07/23/20 17:28	
2-Fluorobiphenyl (S)	%	80	40-140	07/23/20 17:28	
Nonatriacontane (S)	%	87	40-140	07/23/20 17:28	
o-Terphenyl (S)	%	64	40-140	07/23/20 17:28	

LABORATORY CONTROL SAMPLE & LCSD: 2949332 2949333

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	ug/L	300	146	133	49	44	40-140	9	50	N2
Aliphatic (C19-C36)	ug/L	400	278	261	69	65	40-140	6	50	N2
Aromatic (C11-C22)	ug/L	850	652	540	77	64	40-140	19	50	N2
2-Bromonaphthalene (S)	%				101	94	40-140			
2-Fluorobiphenyl (S)	%				100	93	40-140			
Nonatriacontane (S)	%				81	85	40-140			
o-Terphenyl (S)	%				87	72	40-140			

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

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without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Fmr Monroe Street School
Pace Project No.: 92486787

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
P2	Re-extraction or re-analysis could not be performed due to insufficient sample amount.
P8	Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Fmr Monroe Street School
Pace Project No.: 92486787

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92486787001	**MW-1**	MADEP EPH	555290	MADEP EPH	555604
92486787002	**MW-2**	MADEP EPH	555290	MADEP EPH	555604
92486787001	**MW-1**	MADEPV	1513835	MADEP VPH	1513835
92486787002	**MW-2**	MADEPV	1513835	MADEP VPH	1513835
92486787003	**MW-3**	EPA 3010A	554871	EPA 6010D	554876
92486787004	**MW-3 DUP**	EPA 3010A	554871	EPA 6010D	554876
92486787003	**MW-3**	EPA 7470A	554469	EPA 7470A	554547
92486787004	**MW-3 DUP**	EPA 7470A	554469	EPA 7470A	554547
92486787001	**MW-1**	EPA 3510C	554452	EPA 8270E	554663
92486787002	**MW-2**	EPA 3510C	554452	EPA 8270E	554663
92486787003	**MW-3**	EPA 3510C	554452	EPA 8270E	554663
92486787004	**MW-3 DUP**	EPA 3510C	554452	EPA 8270E	554663
92486787001	**MW-1**	EPA 8260D	555136		
92486787002	**MW-2**	EPA 8260D	555136		
92486787003	**MW-3**	EPA 8260D	555136		
92486787004	**MW-3 DUP**	EPA 8260D	555136		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name: Cardno - NC

Project #: WO# : 92486787

92486787

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

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: DW 7/17/20

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

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 92T061

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 1.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 1.8

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☑ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☑ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☑ No	☑ N/A	11.
Trip Blank Custody Seals Present? DW 7/17/20	☐ Yes	☑ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project # **WO# : 92486787**

PM: AMB Due Date: 07/24/20

CLIENT: 92-CTC NC

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1											2					3											2		
2						✓					2					3											2		
3						1 ✓										5											2		
4						1 ✓										6											2		
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical
WWW.PACELABS.COM

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page : 1 Of 1

Section A — Required Client Information:

Company: Cardno - NC
Address: 1003 Greenhurst Road
Winston Salem, NC 27104
Email: brian.kvam@cardno.com
Phone: 803-309-1729 Fax:
Requested Due Date:

Section B — Required Project Information:

Report To: Brian Kvam
Copy To:
Purchase Order #:
Project Name: Fmr Monroe Street School
Project #:

Section C — Invoice Information:

Attention: BRIAN KVAM
Company Name: CARDNO
Address:
Pace Quote:
Pace Project Manager: angela.baioni@pacelabs.com,
Pace Profile #: 10348-3, 4

Regulatory Agency:
State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE (2020)	COLLECTED START TIME	COLLECTED END DATE (2020)	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	MADEP EPH	MADEP EPH	RCRA 8 Metals	TAL Metals	8270 SVOC	8270 SVOC	TPH-DRO	TPH-GRO	8260 VOC	8260 VOC	MADEP VPH	MADEP VPH	Residual Chlorine (Y/N)	92486787
1	MW-1	W	G	7/16		7/16	0930													X			X				X		X			001
2	MW-2	W	G				1050													X			X				X		X			002
3	MW-3	W	G				1210															X	X				X					003
4	MW-3 DUP	W	G				1210															X	X				X					004
5																																
6																																
7																																
8																																
9																																
10																																
11																																
12																																

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Brian J. Kvam	7/17/20	1152	James Humphrey	7/17/20	1152				
	James Humphrey	7/17/20	1630	Pace	7/17/20	16:30	1.8	Y	N	Y

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: BRIAN KVAM

SIGNATURE of SAMPLER: Brian J. Kvam

DATE Signed: 7/16/2020

0BMonroe St. School,
Salisbury NC

APPENDIX

E

BORING LOGS

Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: UST B-1

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	N/A	Total Boring Depth (ft):	N/A
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	N/A
Location:	Salisbury, NC	Subcontractor/Drillers:	N/A	Latitude:	35.673078
Date Started:	7/14/2020	Driller :	N/A	Longitude:	-80.48455
Date Completed:	7/14/2020	Monitoring Equipment:	N/A	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
2, 4, 6, 8, 10, 12, 14	Slight Petroleum	N/A	N/A	N/A	**UST EXCAVATION - OPEN LOCATION NEAREST BLDG.** **15' - Soil sample collected from the base of the UST excavation**		2, 4, 6, 8, 10, 12, 14
16, 18, 20, 22, 24, 26, 28, 30							16, 18, 20, 22, 24, 26, 28, 30

COMMENTS:

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

Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: UST B-2

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	N/A	Total Boring Depth (ft):	N/A
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	N/A
Location:	Salisbury, NC	Subcontractor/Drillers:	N/A	Latitude:	35.673078
Date Started:	7/14/2020	Driller :	N/A	Longitude:	-80.48455
Date Completed:	7/14/2020	Monitoring Equipment:	N/A	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	N/A	N/A	N/A	**UST EXCAVATION - OPEN** **LOCATION IN CENTER OF EXCAVATION** **15' - Soil sample collected from the base of the UST excavation**		

COMMENTS:

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

Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: UST B-3

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	N/A	Total Boring Depth (ft):	N/A
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	N/A
Location:	Salisbury, NC	Subcontractor/Drillers:	N/A	Latitude:	35.673078
Date Started:	7/14/2020	Driller :	N/A	Longitude:	-80.48455
Date Completed:	7/14/2020	Monitoring Equipment:	N/A	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	N/A	N/A	N/A	**UST EXCAVATION - OPEN** **LOCATION FARTHEST FROM BLDG.** **15' - Soil sample collected from the base of the UST excavation**		

COMMENTS:

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

Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: PL-1

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	N/A	Total Boring Depth (ft):	N/A
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	N/A
Location:	Salisbury, NC	Subcontractor/Drillers:	N/A	Latitude:	35.673078
Date Started:	7/14/2020	Driller :	N/A	Longitude:	-80.48455
Date Completed:	7/14/2020	Monitoring Equipment:	N/A	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	N/A	N/A	N/A	**PRODUCT LINE SAMPLE LOCATION CLOSEST TO BLDG.** **2' Product line sample from beneath 1/2-inch copper line**		
2							2
4							4
6							6
8							8
10							10
12							12
14							14
16							16
18							18
20							20
22							22
24							24
26							26
28							28
30							30

COMMENTS:

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

Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: PL-2

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	N/A	Total Boring Depth (ft):	N/A
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	N/A
Location:	Salisbury, NC	Subcontractor/Drillers:	N/A	Latitude:	35.673078
Date Started:	7/14/2020	Driller :	N/A	Longitude:	-80.48455
Date Completed:	7/14/2020	Monitoring Equipment:	N/A	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	N/A	N/A	N/A	**PRODUCT LINE SAMPLE LOCATION CLOSEST TO UST** **2' Product line sample from beneath 1/2-inch copper line**		
2							2
4							4
6							6
8							8
10							10
12							12
14							14
16							16
18							18
20							20
22							22
24							24
26							26
28							28
30							30

COMMENTS:

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

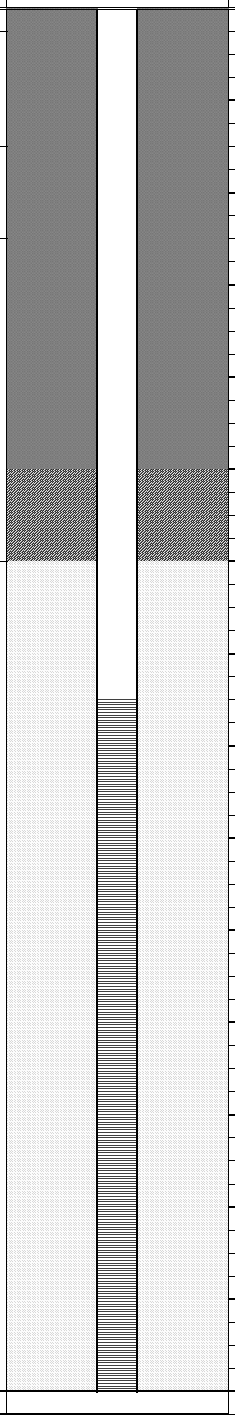
Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: MB-1 / MW-3

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	D.P.T. / H.S.A.	Total Boring Depth (ft):	30 - BGS
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	733.49
Location:	Salisbury, NC	Subcontractor/Drillers:	Walker Environmental	Latitude:	35.673078
Date Started:	7/15/2020	Driller :	William Walker	Longitude:	-80.48455
Date Completed:	7/15/2020	Monitoring Equipment:	PID	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)
	None	None	N/A	3'	GRASS/TOPSOIL BROWN/ORANGE FINE TO MEDIUM SANDY SILTS RED/ORANGE FINE TO MEDIUM SAPROLITIC SILTS/CLAYS (3'-5' - Soil sample collected for analysis)
					TAN/GRAY FINE TO MEDIUM SANDY SAPROLITIC SILTS
					30' - T.D. (set 2" MW w/15' of slotted screen)

Construction Details



ft-bgs: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30

COMMENTS:

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

Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: MB-2

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	D.P.T. / H.S.A.	Total Boring Depth (ft):	5 - BGS
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	N/A
Location:	Salisbury, NC	Subcontractor/Drillers:	Walker Environmental	Latitude:	35.673078
Date Started:	7/15/2020	Driller :	William Walker	Longitude:	-80.48455
Date Completed:	7/15/2020	Monitoring Equipment:	PID	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
					GRAVEL		
2	None	None	N/A	4'	TAN/RED MEDIUM SANDY SAPROLITIC SILTS & CLAYS		2
4					(3'-5' - Soil sample collected for analysis)		4
					T.D. - 5'		
6							6
8							8
10							10
12							12
14							14
16							16
18							18
20							20
22							22
24							24
26							26
28							28
30							30

COMMENTS:

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

Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: MB-3

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	D.P.T. / H.S.A.	Total Boring Depth (ft):	5 - BGS
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	N/A
Location:	Salisbury, NC	Subcontractor/Drillers:	Walker Environmental	Latitude:	35.673078
Date Started:	7/15/2020	Driller :	William Walker	Longitude:	-80.48455
Date Completed:	7/15/2020	Monitoring Equipment:	PID	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
					GRASS/TOPSOIL		
					RED/TAN MEDIUM SANDY SAPROLITIC CLAYS & SILTS		
2	None	None	N/A	5'			2
4					(3'-5' - Soil sample collected for analysis; DUP sample collected)		4
					T.D. - 5'		
6							6
8							8
10							10
12							12
14							14
16							16
18							18
20							20
22							22
24							24
26							26
28							28
30							30

COMMENTS:

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

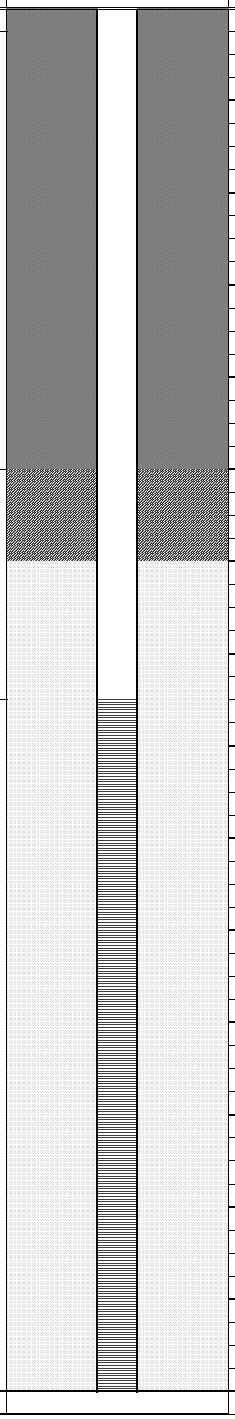
Cardno
1812 Lincoln St.
Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: MB-4 / MW-2

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	D.P.T. / H.S.A.	Total Boring Depth (ft):	30 - BGS
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	736.20
Location:	Salisbury, NC	Subcontractor/Drillers:	Walker Environmental	Latitude:	35.673078
Date Started:	7/15/2020	Driller :	William Walker	Longitude:	-80.48455
Date Completed:	7/15/2020	Monitoring Equipment:	PID	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)
	None	None	N/A	5'	GRASS/TOPSOIL TAN/ORANGE/RED FINE TO MEDIUM SANDY SAPROLITIC SILTS/CLAYS
				5'	
				5'	TAN/GRAY FINE TO MEDIUM SANDY SAPROLITIC SILTS (15' - Soil sample collected for analysis)
					30' - T.D. (set 2" MW w/15' of slotted screen)

Construction Details



COMMENTS:

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

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Suite 301
Columbia, SC 29201
Ph: 803-929-6060

LOG OF BORING: MB-5 / MW-1

Site Name:	Frmr. Monroe St. School	Drilling/Boring Method:	D.P.T. / H.S.A.	Total Boring Depth (ft):	30 - BGS
Project Number:	PB00270000	Sampling Method:	Grab	Top of Casing Elev. (ft):	736.20
Location:	Salisbury, NC	Subcontractor/Drillers:	Walker Environmental	Latitude:	35.673078
Date Started:	7/15/2020	Driller :	William Walker	Longitude:	-80.48455
Date Completed:	7/15/2020	Monitoring Equipment:	PID	Geologist/Engineer:	Kvam

ft -bgs	Odors	OVA (ppm)	Blows/6-in.	Recovery (ft.)	SOIL DESCRIPTION (color, texture, moisture, etc.)	Construction Details	ft-bgs
	None	None	N/A	5'	GRASS/TOPSOIL ORANGE/RED FINE TO MEDIUM SANDY SAPROLITIC SILTS		
2							2
4							4
6				5'			6
8					TAN/GRAY FINE TO MEDIUM SANDY SAPROLITIC SILTS		8
10							10
12				5'			12
14					(15' - Soil sample collected for analysis)		14
16							16
18							18
20							20
22							22
24							24
26							26
28							28
30					30' - T.D. (set 2" MW w/15' of slotted screen)		30

COMMENTS:

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

0BMonroe St. School,
Salisbury NC

APPENDIX F

GROUNDWATER SAMPLING LOGS

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GROUNDWATER SAMPLING - FIELD DATA SHEET

SITE INFORMATION

Facility Name: FRMR MOROE ST. SCHOOL
Project Number: PB00[illegible]70000
Location: SALISBURY, NC
Date Started: 7/16/2020
Date Completed: 7/16/2020
Sample ID #: MW-1

WELL INFORMATION

Well ID: MW-1
Casing Diameter: 2"
TOC Elev.:
Total Well Depth: 30.2
Depth to Water: 15.53
GW Elevation:

WEATHER CONDITIONS

Weather Conditions (Circle): Clear Rain Windy Cloudy Hot Cold
Air Temperature: 85 MUGGY

VOLUME CALCULATIONS

Total Well Depth (TWD): 30.2 Ft.
Depth to Water (DTW): 15.53 Ft.
Water Column (WC): 14.67 Ft.
(Well Volume = WC x CF)
1 Well Volume: 2.39 Gal.
3 Well Volumes: 7.2 Gal.

Conversion Factors (WC to Gallons)
CF 2-inch = 0.163
CF 4-inch = 0.652
CF 6-inch = 1.468

FIELD MEASUREMENTS

Time:	0827	0847	0907	0927			
Purge Volume (gallons):	0	2.4	2.4	2.4			
Total Volume (gallons):	0	2.4	4.8	7.2			
pH (s.u.):	9.30	5.74	5.70	5.67			
Conductivity (umhos/cm):	197	202	183	190			
Temperature (°C):	19.6	19.3	19.3	19.2			
Turbidity (NTU):	625	424	342	502			
Dissolved Oxygen (mg/L):	6.70	5.12	4.94	4.90			
Depth to Water (Ft.):	—	—	—	—			

SAMPLE INFORMATION

Sampled By: BK / SD
Time: 0930

Additional Comments:

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GROUNDWATER SAMPLING - FIELD DATA SHEET

SITE INFORMATION

Facility Name: FORMR MONROE SCHOOL
Project Number: PB00270000
Location: SALISBURY NC
Date Started: 7/16/2020
Date Completed:
Sample ID #: MW-2

WELL INFORMATION

Well ID: MW-2
Casing Diameter: 2"
TOC Elev.:
Total Well Depth: 30.2
Depth to Water: 16.33
GW Elevation:

WEATHER CONDITIONS

Weather Conditions (Circle): Clear Rain Windy Cloudy Hot Cold
Air Temperature: 85 MUGGY

VOLUME CALCULATIONS

Total Well Depth (TWD): 30.2 Ft.
Depth to Water (DTW): 16.33 Ft.
Water Column (WC): 13.87 Ft.
(Well Volume = WC x CF)
1 Well Volume: 2.3 Gal.
3 Well Volumes: 6.9 Gal.

Conversion Factors (WC to Gallons)
CF 2-inch = 0.163
CF 4-inch = 0.652
CF 6-inch = 1.468

FIELD MEASUREMENTS

Time:	0945	1005	1025	1045			
Purge Volume (gallons):	0	2.3	2.3	2.3			
Total Volume (gallons):	0	2.3	4.6	6.9			
pH (s.u.):	7.34	5.64	5.54	5.51			
Conductivity (umhos/cm):	158	166	162	157			
Temperature (°C):	18.5	17.9	17.8	17.8			
Turbidity (NTU):	429	401	265	23			
Dissolved Oxygen (mg/L):	8.18	8.09	6.94	6.40			
Depth to Water (Ft.):	–	–	–	–			

SAMPLE INFORMATION

Sampled By: BK / SD
Time: 1050

Additional Comments:

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GROUNDWATER SAMPLING - FIELD DATA SHEET

SITE INFORMATION

Facility Name: FORMER MONROE ST. SCHOOL
Project Number: PB00270000
Location: SALISBURY NC
Date Started: 7/16/2020
Date Completed:
Sample ID #: MW-3

WELL INFORMATION

Well ID: MW-3
Casing Diameter: 2"
TOC Elev.:
Total Well Depth: 30.2
Depth to Water: 12.78
GW Elevation:

WEATHER CONDITIONS

Weather Conditions (Circle): Clear Rain Windy Cloudy Hot Cold
Air Temperature: 90's HUMID

VOLUME CALCULATIONS

Total Well Depth (TWD): 30.2 Ft.
Depth to Water (DTW): 12.78 Ft.
Water Column (WC): 17.42 Ft.
(Well Volume = WC x CF)
1 Well Volume: 2.8 Gal.
3 Well Volumes: 8.4 Gal.

Conversion Factors (WC to Gallons)
CF 2-inch = 0.163
CF 4-inch = 0.652
CF 6-inch = 1.468

FIELD MEASUREMENTS

Time:	1105	1125	1145	1205			
Purge Volume (gallons):	0	2.8	2.8	2.8			
Total Volume (gallons):	0	2.8	5.6	8.4			
pH (s.u.):	7.26	5.49	5.26	5.06			
Conductivity (umhos/cm):	82.3	70.8	57.8	54			
Temperature (°C):	18.1	16.7	16.7	16.6			
Turbidity (NTU):	66.7	700	94	101			
Dissolved Oxygen (mg/L):	~~8.97~~ 8.97	9.63	9.51	8.75			
Depth to Water (Ft.):	—	—	—	—			

SAMPLE INFORMATION

Sampled By: BK | SD
Time: 1210

Additional Comments: DUPLICATE COLLECTED

Please Respect the Environment

About Cardno

Cardno is an ASX-200 professional infrastructure and environmental services company, with expertise in the development and improvement of physical and social infrastructure for communities around the world. Cardno's team includes leading professionals who plan, design, manage, and deliver sustainable projects and community programs. Cardno is an international company listed on the Australian Securities Exchange [ASX:CDD].

Cardno Zero Harm

Cardno ZERO HARM EVERY JOB. EVERY DAY.

At Cardno, our primary concern is to develop and maintain safe and healthy conditions for anyone involved at our project worksites. We require full compliance with our Health and Safety Policy Manual and established work procedures and expect the same protocol from our subcontractors. We are committed to achieving our Zero Harm goal by continually improving our safety systems, education, and vigilance at the workplace and in the field. Safety is a Cardno core value and through strong leadership and active employee participation, we seek to implement and reinforce these leading actions on every job, every day.

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