

## **ADDENDUM NO. 1**

### I. CHANGES TO SPECIFICATIONS AND DRAWINGS

The following clarifications, amendments, additions, revisions, changes and/or modifications shall take precedence over the drawings and specifications for the above-named project only in the amount and to the extent hereinafter specified in this addendum. Where any item called for in the specifications or indicated on the drawings is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provision of such item not specifically amended, voided or superseded shall remain in effect.

#### **GENERAL:**

- A non-mandatory pre bid meeting was held on June 3<sup>rd</sup> at 10:00 AM on site. Attached is the sign-in sheet.
- Regarding the contract documents. Contractors will NOT be required to obtain plans from Johnson, Laschober and Associates (JLA). Contractors are asked to contact JLA to be added to the bidders list, however it is the contractor's responsibility to make sure that they receive all bidder's information from Newberry County.
- The bid alternates are as follows:
  - Add Alternate 1.**  
Community Building work  
Provide all work associated with the bar, kitchen, and storage rooms as indicated in the drawings.
  - Add Alternate No. 2 – Green room structure**  
Delete the following Base Bid work:
    - Wood accessible ramp.
    - Wood stairs.
    - Wood rear platform and deck framing.
    - Wood guardrails and handrails.
    - Concrete pier foundations.Provide all work associated with rear concrete platform, stairs, ramp and Green room structure as indicated in the drawings.
- Revised Spec Sections for Section 011600 Bidders Schedule and Section 012300 Alternates are included as part of this Addenda.
- Equal Product request:

Contractors are to Bid this project with products as specified or equal. After Contract is awarded Owner will consider substitutions.
- All contractors working on the project must have a City of Newberry Business License. The rate schedule is attached. This does not apply for materials only provided. Note non-resident fees are doubled.
- The General Contractor, Mechanical Contractor, Electrical Contractor, Plumbing Contractor, and Signage Contractor must secure permits prior to starting work. These can be applied for online at the City of Newberry website. A fee schedule is attached. Note that the Plan review fee will be required on this project.

#### **Drawings:**

1. Sheet AC901 change all areas requiring "POLISHED CONCRETE" to require "SEALED CONCRETE". Sealed concrete surface preparation shall be limited to cleaning and light

mechanical preparation required for adhesion. Do not perform progressive diamond polishing or burnishing intended to create a polished concrete finish.

SEALER BASIS OF DESIGN: Sika / SCOFIELD® SelectSeal™ Plus, clear gloss, water-based, urethane-fortified acrylic concrete sealer, or approved equal.

2. Sheet G-001, Add the following note: "Provide a \$2000 interior signage allowance for interior room identification signage."
3. Sheet G-001, Add the following note: "Provide a standard/modular brick where required. Color and texture to be selected by Owner."
4. Sheet AC-801, Change DOOR SCHEDULE door 115B from type "75" to type "OH".

Questions from Contractors:

- The specifications requires the structural steel subcontractor to be AISC Certified, but since this is not a big structural steel project can we remove this requirement and get a 3rd party to inspect the structural steel work. Please clarify.

*Subcontractor does not have to be AISC certified, but additional special inspection will have to be made in the field.*

- There are no polished concrete specifications on the project manual or drawings. We will qualify for now.

See Addendum 1 – Revision to Sheet AC901 changing "POLISHED CONCRETE" to "SEALED CONCRETE". Surface preparation shall be limited to cleaning and light mechanical preparation required for adhesion. Do not perform progressive diamond polishing or burnishing intended to create a polished concrete finish.

SEALER BASIS OF DESIGN:

Sika / SCOFIELD® SelectSeal™ Plus, clear gloss, water-based, urethane-fortified acrylic concrete sealer, or approved equal.

- Type OH and SD are not in the Door Schedule  
Door 101A is listed as "SD" in door schedule. See Addendum 1 – Revise DOOR SCHEDULE door 115B from type "75" to type "OH".
- How would you like us to price room 108 Catering Kitchen. Can you provide a finish schedule and elevation drawings.  
See AC903A and AC904A for requirements.
- Is there a signage schedule noting what you would like us to price.  
See Addendum 1 – Provide a \$2000 interior signage allowance for interior room identification signage.
- Please provide or direct to a specification for the brick.  
See Addendum 1 - Provide a standard/modular brick where required. Color and texture to be selected by Owner.
- Add alternate #3 listed in the specification are for the HVAC built out at the community center, but the plans that show walls, bar, kitchen equipment, plumbing and electrical as alternate #1 does these need to be in alternate #3 as well. Please clarify.

- AA101 & AA101A shows wall type 4 at the extensions of the amphitheater stage walls. AC601 shows wall type #4 to be metal studs & drywall  
“AA” drawings and details are for the Amphitheater and “AC” drawings and details are for the Community building.
- Please provide or direct to a Geotech soils report. The area has a history of a lot of rock. Do we need to provide additional unit prices for trench/mass rock removal and suitable fill. Please clarify.

*See attached Phase II Environmental Site Assessment, this was used to review existing soil conditions. No rock was encountered during these drilling activities.*

Sign In Sheet  
 Pre-Bid Meeting  
 Downtown Newberry Amphitheater and Pavilion – 2026 CPST  
 JLA Job No. 3606.2402  
 Wednesday, June 3, 2026 10:00 AM

PLEASE PRINT

NAME	COMPANY	ADDRESS	TELEPHONE NUMBER	FAX NUMBER	EMAIL
1. Crystal Waldrop	Newberry County	1309 Wallace St	803 321-1420		waldrop@newberrycountysc.gov
2. Chris Castillo	Solid Structures	801 Mudd Springs Lexington, SC	803 636-7635		ccastillio@solidstructures.info
3. Rick Alexander	M.B. Krahn Specialty	101 <del>BRUNNEN</del> COLUMBIA, SC 29034	803 493-4973		RAKENDR@MBKrahn.com
4. Wallace Tolvak	Mims Contracting	899 Peppersh Columbia, SC 29204	803 445-4485		bt@MimsContracting.com btl@mimsccontracting.com
5. Spencer Stokes	Roby Construction	311 Haywood Rd Greenville, SC 29607	864-421-5502		stokes@robbyconstruction.com
6. STEVEN PATE	"	"	844-800-2980		Spate@RobyConstruction.com
7. Sam Jenkins	CEBY CONSTRUCTION	800 S WASHINGTON AVE GREENVILLE SC 29601	864 326-5443		sjenkins@cebyconstruction.com
8. Jonathan Kinsey	Gilliam Associates	1652 Columbia Hwy N Aiken, SC	803 406-0894		Jonathan@gilliamassociates.com
9. Nate Ray	AOS Specialty Contractors	1224 Two Notch Rd Lexington, SC 29036	803 789-6831		nate@aoss.com
10. David Achelpohl	Achelpohl Roofing	1224 Kibler Bridge Rd Prosperity, SC 29127	(803) 345-5007		david@achelpohlroofing.com

Jeff Katz *checked company* *seminary, SC* 845 576 1901 *JKatz@custnet.com*

Rett Hansen *JLA* 12916 Bulwark St *Touj* 214 Harris @ the DA group.com  
 August 2021 3942052

Sign In Sheet  
 Pre-Bid Meeting  
 Multi-Purpose Community Building & Amphitheater  
 JLA Job No. 3606.2402  
 Wednesday, June 3, 2026 10:00 AM

PLEASE PRINT

	NAME	COMPANY	ADDRESS	TELEPHONE NUMBER	FAX NUMBER	EMAIL
11.	WALKER ASHLEY	ASHLEY CORP	110 BEATHIE DR GREENWICH 554-1937	(804) 864-2377-7728		walkerasncorp.com
12.	Brad Halenbeck	Dunbar Const.	1075 Southport Rd Spartanburg, SC 29306	(843) 540-9315		brad@dunbarconstruction.net
13.	SARAH GRACE WILLIAMS	CAROLINA RECREATION & DESIGN	4007 BURWOOD DRIVE, GREEN VILL, NC	(888) 345-3791		sarahgrace@carolina-recreation.com
14.	KARA CANNON	Edcon	4 Mulberry St. DURHAM, NC	803-370-1024		kara@edconinc.com bidsonedcon.com
15.	Alex Siska	Sosamon Const.	Old Post Rd. Coaster 4373 ARBOR ROAD CONDOMINIUM 5C	843-250-9956		matth@sosamonconstruction.com cswite@tyler-construction.com
16.	CHARLIE WHITE	TYLER CONST				
17.	LARINE PEDERSEN	CITY OF NEWBERRY				
18.	MAC BEANBLY	Ndy Court	2401 Wilson Rd Newberry	864-640-2866		mbeanbly@newberrycounty.gov
19.	Alex Laurs	MAR Construction				estimating@marconstruction.com
20.	Diane Coughlin	SD Clifton	4324 Wheeler Rd Augusta, GA	706-306-7794		diane@sdclifton.com
21.	David Beagle	SD Clifton		912-314-3806		David@sdclifton.com

David Keller  
 Covant's Insulation  
 534 Cotton  
 70 new Pahl  
 464  
 470-3760  
 D Keller@brandesafurniture.com

## SECTION 012300 - ALTERNATES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section describes changes to the Work included in the Base Bid.
- B. Alternates modify the Base Bid as described in this Section.
- C. The Owner reserves the right to accept Alternates in any order or combination, except where acceptance of one Alternate is specifically conditioned upon acceptance of another Alternate.
  - 1. Add Alternate No. 1 – Community Building Work
  - 2. Add Alternate No. 2 – Green Room Structure

#### 1.3 DESCRIPTION OF ALTERNATES

- A. Base Bid Work
  - 1. Provide construction of the outdoor amphitheater structure including accessible ramp, stairs, and rear platform constructed of preservative-treated wood framing supported on concrete-filled “Sonotube” piers.
  - 2. Provide wood guardrails and handrails associated with accessible ramp, stair, and rear platform assemblies.
  - 3. Provide renovation of the existing multipurpose community building including architectural, mechanical, electrical, and plumbing modifications indicated on the Drawings.
- B. Add Alternate No. 1 – Community Building Work
  - 1. Add Alternate No. 1 is a complete build out of the Community Building bar, kitchen and storage rooms as identified on the plans.
- C. Add Alternate No. 2 – Green Room Structure
  - 1. Delete accessible wood ramp, wood stairs, wood platform and concrete pier foundation.
  - 2. Provide complete construction of the Green Room structure and concrete work

located at the rear of the amphitheater, as indicated on the plans.

1.4 ACCEPTANCE OF ALTERNATES

- A. Owner may accept Alternates in any order or combination, except where acceptance of one Alternate is specifically conditioned upon acceptance of another Alternate.
- B. Cost adjustments for Alternates shall include all modifications to related Work necessary to provide complete construction.
- C. Coordinate Work associated with Alternates with all affected structural, architectural, mechanical, electrical, plumbing, and site construction indicated in the Contract Documents.

PART 2 - PRODUCTS (Not Used)  
PART 3 - EXECUTION (Not Used)

END OF SECTION 012300

SECTION 011600 – BIDDERS SCHEDULE

**COUNTY OF NEWBERRY**  
**Purchasing Office, 1309 College Street, Post Office Box 156, Newberry S.C. 29108**  
**Ph: (803) 321-2100 / Fax: (803) 321-2102**

***BIDDERS SCHEDULE***

**BID NUMBER:** 2026-11

**OPENING DATE AND TIME:** 06/18/2026 at 3:00pm

**OPENING LOCATION:** Newberry County Courthouse Annex, Conference Room  
1309 College Street, Newberry, SC 29108

**PROCUREMENT:**

1.1 CERTIFICATIONS AND BASE BID

A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Front-end Specifications, and all subsequent Addenda, as prepared by Johnson Laschober & Associates (JLA) and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated base bid sum of:

1. \_\_\_\_\_ Dollars (\$\_\_\_\_\_).

B. Refer to Specification Section 012300 – Alternates.

**Alternate #1 Community Building Work: \$\_\_\_\_\_.**

**Alternate #2 Green Room Structure: \$\_\_\_\_\_.**

1.2 BIDDERS REPRESENTATIONS

In submitting this Bid, Bidder represents that:

A. Bidder has obtained Contract Documents from Johnson, Laschober and Associates and is on the plan holders list.

B. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

<u>Addendum No.</u>	<u>Addendum Date</u>
_____	_____
_____	_____
_____	_____

C. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

D. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

E. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.02 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06 as containing reliable "technical data."

F. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.

G. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

H. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

I. Bidder has given Architect written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Architect is acceptable to Bidder.

1. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

1.3 BID GUARANTEE - Bids shall be good for sixty (60) days from the date of submittal

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within [10] days after a written Notice of Award, if offered within [60] days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. \_\_\_\_\_ Dollars (\$\_\_\_\_\_).

- B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond (AIA Document A310).

1.4 SUBCONTRACTORS AND SUPPLIERS

- A. The following companies shall execute subcontracts for the portions of the Work indicated:

1. Site Work: \_\_\_\_\_.
2. Landscape Work \_\_\_\_\_.
3. Site Utilities \_\_\_\_\_.
4. Electrical Contractor \_\_\_\_\_.
5. Plumbing Contractor \_\_\_\_\_.
6. Mechanical Contractor \_\_\_\_\_.
7. Roofing Contractor \_\_\_\_\_.
8. Framing Contractor \_\_\_\_\_.

1.5 TIME OF COMPLETION

- A. The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified in a written Notice to Proceed to be issued by Architect and shall fully complete the Work within twelve months [365] calendar days.

1.6 BID SUPPLEMENTS

- A. The following supplements are a part of this Bid and are included in this document.

1. Bid Form Supplement - Alternates.
2. Bid Form Supplement - Allowances.
3. Bid Form Supplement - Bid Bond Form (AIA Document A310) or Cashier's check.

1.7 SCHEDULE OF UNIT PRICES

1. Removal of unsuitable site subgrade materials and replacement with suitable structural fill per earthwork specifications. \$\_\_\_\_\_/CY
2. Installation of 4” thick concrete sidewalk on grade 6’-0” wide.  
\$\_\_\_\_\_/LF
3. Installation of 4” PVC conduit. \$\_\_\_\_\_/LF

1.8 CONTRACTOR'S LICENSE

- A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in Newberry, South Carolina, and that all fees, permits, etc., pursuant to submitting this proposal have/will been/be paid in full.

1.9 SUBMISSION OF BID

- A. Respectfully submitted this **18<sup>th</sup> day of June 2026.**

**CONTRACTOR:** \_\_\_\_\_ **SIGNATURE:** \_\_\_\_\_

**Name of Authorized Contact:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone & Fax:** \_\_\_\_\_

**FEIN:** \_\_\_\_\_

**Contractor's SC License #:** \_\_\_\_\_

**APPENDIX A: BUSINESS LICENSE RATE SCHEDULE**

RATE CLASS	INCOME: \$0 - \$2,000	INCOME OVER \$2,000
	BASE RATE	RATE PER \$1,000 OR FRACTION THEREOF
1	\$30.00	\$1.15
2	\$35.00	\$1.21
3	\$40.00	\$1.27
4	\$45.00	\$1.33
5	\$50.00	\$1.39
6	\$55.00	\$1.45
7	\$60.00	\$1.51
8.1	\$40.00	\$1.27
8.2	Set by state statute	
8.3	MASC Telecommunications	
8.4	MASC Insurance	
8.51	\$12.50 + \$12.50 per machine	
8.52	\$12.50 + \$180.00 per machine	
8.6	\$40.00 plus \$5.00 -OR- \$12.50 per table	\$1.27
9.1	\$60.00	\$1.51
9.2	\$60.00	\$1.51
9.3	\$30.00	\$0.65
9.41	\$35.00	\$1.21
9.42	\$5.00	\$1.21
9.5	\$65.00	\$1.57
9.6	\$65.00	\$1.57
9.7	\$65.00	\$1.57

**NON-RESIDENT RATES**

Unless otherwise specifically provided, all taxes and rates shall be doubled for nonresidents and itinerants having no fixed principal place of business within the Municipality.

**DECLINING RATES**

Declining Rates apply in all Classes for gross income in excess of \$1,000,000, unless otherwise specifically provided for in this ordinance.

<b><u>Gross Income in \$ Millions</u></b>	<b><u>Percent of Class Rate for each additional \$1,000</u></b>
0 - 1	100%
1 - 3	95%
OVER 3	90%

**CLASS 8 RATES**

Each NAICS number designates a separate subclassification. The businesses in this section are treated as separate and individual subclasses due to provisions of state law, regulatory requirements, service burdens, tax equalization considerations, and other factors that are deemed sufficient to require individually determined rates. In accordance with state law, the Municipality also may provide for reasonable subclassifications for rates, described by an NAICS sector, subsector, or industry, that are based on particularized considerations as needed for economic stimulus or for the enhanced or disproportionate demands on municipal services or infrastructure.

Non-resident rates do not apply except where indicated.

**8.1 NAICS 230000 – Contractors, Construction, All Types [Non-resident rates apply].**

Resident rates, for contractors having a permanent place of business within the Municipality:

Minimum on first \$2,000 .....	\$ 40.00 PLUS
Each additional 1,000.....	\$ 1.27

Non-resident rates apply to contractors that do not have a permanent place of business within the Municipality. A trailer at the construction site or structure in which the contractor temporarily resides is not a permanent place of business under this ordinance.

No contractor shall be issued a business license until all state and municipal qualification examination and trade license requirements have been met. Each contractor shall post a sign in plain view on each job identifying the contractor with the job.

Sub-contractors shall be licensed on the same basis as general or prime contractors for the same job. No deductions shall be made by a general or prime contractor for value of work performed by a sub-contractor.

No contractor shall be issued a business license until all performance and indemnity bonds required by the Building Code have been filed and approved. Zoning permits must be obtained when required by the Zoning Ordinance.

Each prime contractor shall file with the License Official a list of sub-contractors furnishing labor or materials for each project.

For licenses issued on a per-job basis, the total tax for the full amount of the contract shall be paid prior to commencement of work and shall entitle the contractor to complete the job without regard to the normal license expiration date. An amended report shall be filed for each new job and the appropriate additional license fee per \$1,000 of the contract amount shall be paid prior to commencement of new work. Only one base tax shall be paid in a license year. Licensees holding a per-job license shall file, by each April 30 during the continuation of the construction project, a statement of compliance, including but not limited to a revised estimate of the value of the contract. If any revised estimate of the final value of such project exceeds the amount for

Black & White (8.5x14)	\$.25/page
Color (8.5x11)	\$.50/page
Standard Maps/Plots up to 11x17-Black & White	\$.50/each
Standard Maps/Plots up to 11x17-Color	\$1.00/each
Standard Maps/Plots larger than 11x17	\$5.00/each
USB Flash Drives	\$6.00/each
Postage	Based on weight and delivery

**PLANNING AND DEVELOPMENT**

Reinspection Fee	<del>\$30.00</del> \$50.00
<u>Plan Review Fee</u>	<u>One-half of the building permit fee</u> , when required.
(This is paid as part of the building permit fee).	
Plat Revision	\$25.00
Zoning Variance	\$100.00
Planning Commission Submittal	\$100.00
Zoning Compliance Letter	\$75.00
Zoning Verification Letter	\$25.00
Land Development Review Fee (Subdivisions)	\$100.00 plus \$10.00 per lot

**BUILDING, RENOVATION, MECHANICAL, ELECTRICAL, PLUMBING, AND SIGNAGE PERMIT FEES**

Total Valuation	Fee
Less than \$500.00	No fee, unless inspection required, in which case a \$25.00 fee will be charged.
\$500.00 to \$1,000.00	<del>\$25.00</del> \$50.00
\$1,000.01 to \$50,000	<del>\$25.00</del> \$50.00 for the first \$1000 plus <del>\$5.00</del> \$10.00 for each additional thousand or fraction thereof.
\$50,000.01 to \$100,000	<del>\$270.00</del> \$500.00 for the first \$50,000 plus <del>\$4.00</del> \$5.00 for each additional thousand or fraction thereof, to and including \$100,000.
\$100,000.01 to \$500,000	<del>\$470.00</del> \$750.00 for the first \$100,000 plus <del>\$3.00</del> \$4.00 for each additional thousand or fraction thereof.
\$500,000.01 and up to \$1,000,000	<del>\$1,670.00</del> \$2,300.00 for the first \$500,000 plus <del>\$2.00</del> \$3.00 for each additional thousand or fraction thereof.
\$1,000,000 and up	\$3,400.00 for the first \$1,000,000 plus \$2.00 for each additional thousand or fraction thereof.



## REPORT OF FINDINGS PHASE II ENVIRONMENTAL SITE ASSESSMENT

1327 CALDWELL STREET  
NEWBERRY, SOUTH CAROLINA  
NEWBERRY COUNTY

CONDUCTED UNDER USEPA COOPERATIVE AGREEMENT NO. 02D33122-0  
BROWNFIELDS MULTIPURPOSE, ASSESSMENT, REVOLVING LOAN FUND,  
AND CLEANUP COOPERATIVE AGREEMENTS

SUBMITTED: APRIL 11, 2024

PREPARED FOR:



CITY OF NEWBERRY  
P.O. Box 538  
NEWBERRY, SOUTH CAROLINA 29108

A handwritten signature in black ink, appearing to read "Dawn F. Crowell".

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Dawn F. Crowell, MELP  
Project Manager

A handwritten signature in black ink, appearing to read "Craig D. Eady".

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Craig D. Eady SC P.G.  
Senior Peer Review

**Report of Findings – Phase II Environmental Site Assessment**

1327 Caldwell Street  
Newberry, South Carolina

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**REPORT DISTRIBUTION LIST**

<b>Name/Contact</b>	<b>Address</b>
USEPA Region 4 Brownfields Program Attn: Austin Gilly Brownfields Project Officer (678) 640-2306 gilly.austin@epa.gov	U.S. Environmental Protection Agency Atlanta Federal Building 61 Forsyth Street, SW Atlanta, Georgia 30303
City of Newberry Attn: Mr. Jeff Wicker Project Manager (803) 321-3645 jdwicker@cityofnewberry.com	City of Newberry P.O. Box 538 Newberry, SC 29108
SynTerra Corporation Attn: Ms. Dawn F. Crowell, MELP Project Manager (864) 527-4672 dcrowell@synterracorp.com	5015 W WT Harris Blvd Suite C Charlotte, NC 28269

Prepared by: DFC Checked by: HJF

## **EXECUTIVE SUMMARY**

The City of Newberry requested SynTerra Corporation (SynTerra) conduct a limited Phase II Environmental Site Assessment (ESA) of 1327 Caldwell Street (Site) to evaluate several recognized environmental conditions (RECs) identified during a Phase I ESA conducted on June 12, 2023. SynTerra conducted this limited Phase II ESA under a U.S. Environmental Protection Agency (USEPA) Brownfields Assessment Grant for hazardous and petroleum sites (Cooperative Agreement No. 02D33122-0) that was awarded to the City of Newberry.

Field activities included the completion of four soil borings, installation of six temporary wells, and collection and analysis of soil and groundwater samples. Those samples were analyzed for total metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), mercury, and polychlorinated biphenyls (PCBs). Subcontractors included a South Carolina-licensed driller and a South Carolina-certified analytical laboratory service.

Based on the findings from this limited Phase II ESA, SynTerra does not believe that additional assessment is warranted at this time. However, because this Phase II ESA is limited in scope, the potential for unidentified environmental effects should be noted.

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**Report of Findings – Phase II Environmental Site Assessment**

1327 Caldwell Street

Newberry, South Carolina

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**LIST OF ACRONYMS AND ABBREVIATIONS**

mg/kg	milligrams per kilogram
µg/L	micrograms per liter
bgs	below ground surface
City	City of Newberry
DPT	direct-push technology
Dup	duplicate
EB	equipment blank
ESA	Environmental Site Assessment
FBQSTP	Field Branches Quality System and Technical Procedures
FINDS	Facility Index
GPR	ground-penetrating radar
HASP	Health and Safety Plan
LUST	Leaking Underground Storage Tank
MCL	maximum contaminant level
MDL	method detection limit
msl	mean sea level
NFA	No further action
OSHA	Occupational Safety and Health Administration
Pace	Pace Analytical Services, LLC
PCB	polychlorinated biphenyls
PID	photoionization detector
PVC	polyvinyl chloride
QA	quality assurance
QC	quality control
REC	recognized environmental condition
RSL	regional screening level
Site	1327 Caldwell Street
SCDHEC	South Carolina Department of Health and Environmental Control
SSL	soil screening level
SSQAPP	Site-Specific Quality Assurance Project Plan
SVOC	semi-volatile organic compound
SynTerra	SynTerra Corporation
TAL	target analyte list
TB	trip blank
TCL	target compound list
USEPA	U.S. Environmental Protection Agency
USGS	United States Geological Survey
VERCO	Versatile Environmental Resource Company
VCC	Voluntary Cleanup Contract
VOC	volatile organic compound

## 1.0 INTRODUCTION

SynTerra Corporation (SynTerra) conducted a Phase I Environmental Site Assessment (ESA) of 1327 Caldwell Street (Site) on June 12, 2023, and identified recognized environmental conditions (RECs) associated with the Site (SynTerra, 2023a). Those RECs include:

- The presence of a waste oil underground storage tank (UST).
- The presence of a floor drain connected to the sanitary sewer.
- The subject property was listed on the leaking underground storage tank (LUST), UST and Facility Index (FINDs) list in the regulatory database review. The listings refer to two 550-gallon gasoline USTs that were removed. No further actions (NFAs) were issued in 1993 and 1995.

Based on the findings from the Phase I ESA, the City of Newberry (City) requested SynTerra perform a limited Phase II ESA.

Prior to conducting Phase II ESA activities, SynTerra prepared a Site-Specific Quality Assurance Project Plan (SSQAPP) on behalf of the City. The SSQAPP was prepared in accordance with the requirements of the U.S. Environmental Protection Agency (USEPA) Brownfields Assessment Grant for hazardous and petroleum sites (Cooperative Agreement No. 02D33122-01) that has been awarded to the City of Newberry. The purpose of the SSQAPP is to describe the quality assurance (QA) and quality control (QC) requirements to be implemented during the Phase II ESA so that data collected during the investigation will be usable for decision-making. The SSQAPP was approved by USEPA on December 4, 2023.

In addition, SynTerra, on behalf of the City of Newberry, submitted a request to the South Carolina Department of Environmental Control (SCDHEC) for the installation of six temporary monitoring wells. SCDHEC approved the request on December 20, 2023, and issued a temporary monitoring well permit (Approval # UMW-29670) to the City of Newberry.

The Site consists of one 0.73-acre parcel, developed with one 8,000-square-foot light industrial building located within the city limits of Newberry (**Figure 1**). The Site is bound to the north by Hatton Street, across from which is vacant land; to the east by Caldwell Street, across from which is a United States Postal Service building; to the south by Harrington Street, across from which is the former Newberry College Wrestling building; and to the west by Powerhouse Road, across from which are several residences (**Figure 2**).

**Figure 1** was created using a United States Geological Survey (USGS) 7.5-minute series topographic map and shows that the Site elevation ranges from approximately 460 feet above mean sea level (msl) to 480 feet above msl. North of the Site, a tributary of an unnamed surface water body originating northeast of the Site flows in a northeast-to-southwest direction. Based

on **Figure 1**, shallow groundwater would be expected to flow toward the northwest to the tributary and then to the southwest.

Soil and groundwater analytical data were compared to USEPA *Regional Screening Levels for Chemical Contaminants at Superfund Sites* (USEPA, 2023) using a target risk factor of  $10^{-6}$  and a target health quotient of 0.1.

### **1.1 Previous Investigations**

SynTerra conducted a Phase I ESA pertaining to the Site on June 12, 2023. SynTerra identified RECs in connection with the Site as referenced in **Section 1.0**. No other evidence of assessment activities conducted at the Site was identified in the Phase I ESA.

### **1.2 Objective**

The objective of this investigation is to evaluate whether soil and groundwater on the Site have been adversely affected by previous on-Site activities. Site activities were designed to assess and characterize the occurrence of constituents of concern in soil and groundwater on the property, as detailed in the approved SSQAPP (SynTerra, 2023b).

## 2.0 FIELD ACTIVITIES

SynTerra conducted Phase II ESA field activities on February 15, 2024, in accordance with:

- The approved SSQAPP for Phase II Environmental Site Assessment, 1327 Caldwell Street, Newberry, SC, (SynTerra, 2023b)
- South Carolina Well Standards R.61-71
- The USEPA Region IV Field Branches Quality System and Technical Procedures (FBQSTP)

South Carolina-licensed or -certified contractors performed drilling and laboratory services. The field activities included the completion of four soil borings, installation of six temporary monitoring wells, and collection and analysis of soil and groundwater samples.

Direct push soil borings and temporary monitoring wells were installed by Mr. Jason Chiorazzi (SC Driller #1790) with Versatile Environmental Resource Company (VERCO) located in Lexington, South Carolina. The borings and temporary monitoring wells were completed using a GeoProbe® 6620DT drill rig.

The soil and groundwater samples were submitted for analysis to Pace Analytical Services, LLC (Pace), a South Carolina-certified laboratory for the analysis of:

- Target Analyte List (TAL) metals by USEPA SW-846 Methods 6010D and 7471B (mercury)
- Target Compound List (TCL) semi-volatile organic compounds (SVOCs) by USEPA Method 8270E
- TCL volatile organic compounds (VOCs) by USEPA Method 8260D
- Polychlorinated biphenyls (PCBs) by USEPA Method 8082A

### 2.1 Health and Safety Plan

Prior to the commencement of field activities, SynTerra prepared a Site-Specific Health and Safety Plan (SSHASP) consistent with Occupational Safety and Health Administration (OSHA) regulations. The SSHASP was used to identify potential hazards and provided procedures to safely perform work.

### 2.2 Subsurface Location of Utilities, Tanks, and Drains

Prior to conducting subsurface drilling activities, SynTerra contracted Blood Hound Utility Locating (Blood Hound) to identify the location of potential utilities, underground storage tanks, and drains. Additionally, public utilities were located by SC811 locators. Blood Hound conducted the utility clearance on January 26, 2024, using ground-penetrating radar (GPR) and radio frequency technology to investigate the subsurface at the soil boring and temporary monitoring well locations shown on **Figure 3**. During GPR survey activities, one underground

storage tank was identified near the northwest corner of the building. The summary of the utility survey and the SC811 tickets are included in **Appendix A**.

### **2.3 Soil Assessment**

Four soil samples (SB-1 through SB-4) were collected from soil borings located on the northwestern and central portions of the Site. No chemical or petroleum odors were noted; however, visible staining of soil was observed at boring SB-1 at a depth of 12-16 feet below ground surface (bgs). The Sample Location Map is included as **Figure 3**. The soil boring logs are included in **Appendix B**, and the Site photo log is included in **Appendix C**.

The soil assessment was performed using direct-push technology (DPT). VERCO collected continuous soil cores at each location using standard GeoProbe® direct push and macro-core sampling techniques. The macro-cores were collected in polyvinyl chloride (PVC) sleeves that were cut open and examined in the field. SynTerra examined and characterized the soils with respect to soil type, color, degree of saturation, and other relevant soil properties. In review of the soil cores, the soil was characterized as red silty clay overlaying gray sandy silt soil. Bedrock was not encountered during drilling activities.

- SB-1 was continued until groundwater was encountered at an apparent depth of 16 feet below ground surface (bgs).
- SB-2 was continued to a depth of 16 feet bgs.
- SB-3 was continued to a depth of 8 feet bgs.
- SB-4 was continued to a depth of 12 to 25 feet bgs.

At the completion of drilling activities, the soil cores were screened at 2-foot intervals in the field using a photoionization detector (PID) for the presence of organic vapors. Based on the PID results, and in accordance with the approved SSQAPP, the soil sample at each boring location with the greatest PID reading was collected for analysis. If no organic vapors were indicated based on PID readings, a soil sample was collected near the boring terminus. The collected soil samples were placed directly into the laboratory-supplied sample containers. Individual sample containers were sealed by wiping the threads with a clean cloth. In addition, the outside of the containers were wiped prior to being placed into the iced cooler. SynTerra followed proper sample preservation, sample packing, chain-of-custody documentation, and sample delivery protocols. One QA/QC sample was collected as duplicate soil sample (SB-3-DUP) in accordance with the approved SSQAPP. The chain-of-custody record is included in **Appendix D**.

Collected soil samples were submitted to Pace for analysis of:

- TAL metals using USEPA SW-846 Methods 6010D and 7471B (mercury)
- TCL SVOCs by USEPA Method 8270E
- TCL VOCs by USEPA Method 8260D
- TCL PCBs by USEPA Method 8082A

After collection of the soil samples, each borehole was abandoned by filling with a bentonite-cement grout in accordance with South Carolina Well Standards R.61-71.

#### **2.4 Groundwater Assessment**

Six groundwater samples (TW-1 through TW-6) were collected from six temporary monitoring wells located on the western, eastern, and central portions of the Site. The temporary monitoring wells were installed using DPT with a Geoprobe® SP-22 retractable screen sampler. A sample location map is included as **Figure 3**. The SCDHEC monitoring well records are included in **Appendix B**.

Groundwater samples were collected within the temporary well using a peristaltic pump with new disposable polyethylene tubing. The collected groundwater samples were placed directly into the laboratory-supplied sample containers. Individual sample containers were sealed by wiping the threads with a clean cloth and hand-tightening container lids. In addition, the outside of the containers were wiped prior to being placed into the iced cooler. QA/QC samples were collected as an equipment blank (EB) and duplicate (DUP). The EB was prepared by passing distilled water through new tubing using the peristaltic pump and collecting the water in appropriate bottleware. The chain-of-custody record is included in **Appendix D**.

The groundwater samples were submitted to Pace for analysis of:

- TCL VOCs by USEPA Method 8260D
- TCL SVOCs by USEPA Method 8270E
- TAL metals by USEPA SW-846 Methods 6010D and 7470A (mercury)
- TCL PCBs by USEPA Method 8082A

After collection of the groundwater sample at each location, the DPT equipment was removed and the borehole was abandoned by filling with bentonite-cement grout, in accordance with South Carolina Well Standards R.61-71.

#### **2.5 Investigation-Derived Waste Management**

Small quantities of soil and groundwater were produced during the completion of soil borings and installation of temporary monitoring wells. Those materials were disposed of by spreading on the ground adjacent to each borehole/temporary well.

## 3.0 ASSESSMENT RESULTS

### 3.1 Data Validation

Analytical methods used appropriate detection levels to allow comparison to the media-specific screening criteria in effect at the time of sampling, as listed in USEPA *Regional Screening Levels for Chemical Contaminants at Superfund Sites* (USEPA, 2023). The analytical data reports were reviewed and validated for consistency in reporting format, units, and reporting limits.

Analytical results were checked to verify that they were reported in a format that was consistent with the data requested. Analytical data determined as usable are identified with an “R” qualifier. The data validation checklists are included in **Appendix E**.

No unusable data were identified, except for the TAL metals (aluminum, barium, chromium, copper, iron, lead, and nickel) results for groundwater samples TW-6 and TW-6 DUP. According to SynTerra’s data validation, the relative percent difference (RPD) between the parent and the duplicate samples was greater than 100 percent for the above-mentioned metal analytes; therefore, those data are unusable.

### 3.2 Soil Analytical Results

The soil analytical data was compared to the Residential and Industrial Regional Screening Levels (RSLs) and the Maximum Concentration Level (MCL) based Soil Screening Level (SSL) for the protection of groundwater (MCL-based SSL). The analytical results for those compounds detected at concentrations greater than a reporting limit are included in **Table 1**. The laboratory analytical reports are included in **Appendix F**. The following is a summary of the analytical results by analytical method.

#### 3.2.1 Volatile Organic Compound Soil Results

Methylcyclohexane in the sample from SB-1 was detected at a concentration [118 milligrams per kilogram (mg/kg)] greater than the laboratory method detection limit (MDL) but less than the Residential RSL and Industrial RSL. SB-1 is located near the suspected waste oil UST at the north corner of the Site. (**Figure 3**). No other VOCs were reported at concentrations greater than the laboratory MDL.

#### 3.2.2 Semi-Volatile Organic Compound Soil Results

SVOCs in samples from SB-1 through SB-4 were reported at concentrations less than the laboratory MDL.

#### 3.2.3 Polychlorinated Biphenyl Soil Results

PCBs in samples from SB-1 through SB-4 were reported at concentrations less than the laboratory MDL.

### 3.2.4 Total Metals Soil Results

Aluminum, antimony, cobalt, iron, and vanadium in samples from SB-1 through SB-4 were reported at concentrations greater than the Residential RSL. Thallium in SB-4 was detected at a concentration greater than the Residential and Industrial RSL. In addition, antimony, barium, copper, lead, and thallium in SB-1 through SB-4 were reported at concentrations greater than the MCL-based SSL in some or all of the samples depending on the specific constituent.

### 3.2.5 Mercury Soil Results

Mercury in samples from SB-1 through SB-4 was reported at concentrations less than the laboratory MDL.

### 3.2.6 QA/QC Soil Results

Aluminum, antimony, cobalt, iron and vanadium in sample SB-3 DUP were reported at concentrations greater than the Residential RSL. Antimony, barium, and copper in sample SB-3 DUP were reported at concentrations greater than the MCL-based SSL.

## 3.3 Groundwater Analytical Results

Groundwater analytical data were compared to the primary MCL standards in the South Carolina State Primary Drinking Water Regulations, R.61-58. Compounds that do not have an MCL specified in R.61-58 were compared to the USEPA Regional Screening Levels for “Tapwater.” The analytical results for those analytes detected at concentrations greater than the laboratory reporting limit are included in **Table 2**. The laboratory analytical reports are included in **Appendix F**. The following is a summary of the analytical results by analytical method.

### 3.3.1 Volatile Organic Compound Groundwater Results

Chloroform (TW-4) and cyclohexane (TW-5) were the only VOCs detected at a concentration greater than the laboratory MDL. The detected concentration of cyclohexane was less than the screening levels, but the concentration of chloroform was greater than the RSL for Tapwater (there is no SC MCL established for chloroform). No other VOCs were detected at concentrations greater than the laboratory MDL.

### 3.3.2 Semi-Volatile Organic Compounds Groundwater Results

SVOCs in samples TW-1 through TW-6 were reported at concentrations less than the laboratory MDL.

### 3.3.3 Total Metals Groundwater Results

Several metals were detected at concentrations greater than either the South Carolina MCL standard or the RSL for tapwater, where the MCL is not established (**Table 2**):

- Aluminum in wells TW-2 through TW-6 was detected at concentrations greater than the RSL for Tapwater.

- Beryllium in temporary well TW-5 was detected at a concentration (5.25 micrograms per liter ( $\mu\text{g/L}$ ]) greater than the MCL standard of 4  $\mu\text{g/L}$ .
- Chromium in TW-3, TW-4, and TW-6 was detected at a concentration greater than the MCL standard of 100  $\mu\text{g/L}$ . The greatest chromium concentration was reported at TW-3 (220  $\mu\text{g/L}$ ).
- Cobalt in TW-2, TW-4, TW-5, and TW-6 was detected at concentrations greater than the Tapwater RSL of 0.6  $\mu\text{g/L}$ . The greatest cobalt concentration was reported at TW-5 (32  $\mu\text{g/L}$ ).
- Iron in TW-1 through TW-6 was detected at concentrations greater than the Tapwater RSL of 1,400  $\mu\text{g/L}$ . The greatest iron concentration was reported at TW-4 (25,700  $\mu\text{g/L}$ ).
- Lead in TW-2, TW-5, and TW-6 was detected at concentrations greater than the Tapwater RSL of 15  $\mu\text{g/L}$ . The greatest lead concentration was reported at TW-2 (36.2  $\mu\text{g/L}$ ).
- Nickel in TW-3, TW-4, and TW-6 was detected at concentrations greater than the Tapwater RSL of 39  $\mu\text{g/L}$ . The greatest concentration was reported at TW-3 (56.4  $\mu\text{g/L}$ ).
- Vanadium in TW-4, TW-5, and TW-6 was detected at concentrations greater than the Tapwater RSL of 8.6  $\mu\text{g/L}$ . The greatest vanadium concentration was reported at TW-5 (160  $\mu\text{g/L}$ ).

### **3.3.4 Mercury Groundwater Results**

Mercury in TW-1 through TW-6 was reported at concentrations less than the laboratory MDL.

### **3.3.5 QA/QC Groundwater Results**

Metals in sample TW-6 DUP were reported at concentrations less than the MCL standard and the Tapwater RSL. Metals and SVOCs in samples EB and EB Soil were reported at concentrations less than the laboratory MDL. VOCs in sample EB Soil were reported at concentrations less than the MCL standard and the Tapwater RSL.

## 4.0 FINDINGS AND CONCLUSIONS

The following information provides a summary of findings and conclusions from the Phase II ESA at the Site.

### 4.1 Soil Assessment Findings

- Soil staining and organic vapors by the PID were noted in soil boring SB-1. Chemical or petroleum odors and visible staining were not observed in soil borings SB-2 through SB-4.
- SVOCs, PCBs, and mercury in the soil samples were detected at concentrations less than laboratory MDLs.
- Methylcyclohexane in soil sample SB-1 was detected at a concentration greater than the laboratory MDL but less than the Residential RSL or the MCL-based SSL.
- Aluminum, antimony, cobalt, iron, and vanadium in SB-1 through SB-4 were detected at concentrations greater than the Residential RSL.
- Thallium in SB-4 was detected at a concentration greater than the Residential and Industrial RSL.
- Antimony (SB-1 – SB-4), barium (SB-1 – SB-4), copper (SB-1, SB3, and SB-4), lead (SB-1 and SB-4), and thallium (SB-4) were detected at concentrations greater than the MCL-based SSL.
- The detected metals are typical of soils in the Piedmont province of South Carolina and the detected concentrations are generally within average ranges (Canova, 1999). In addition, many of the detected metals appear to be distributed across the Site, further indicating those metals are naturally occurring in the soil.

### 4.2 Groundwater Assessment Findings

- SVOCs and mercury in the groundwater samples were detected at concentrations less than laboratory MDLs.
- Chloroform (TW-4) and cyclohexane (TW-5) were detected at a concentration greater than the laboratory MDL, but only chloroform was detected at a concentration greater than the RSL for Tapwater. Chloroform is a common laboratory artifact, so its detection might not be representative of groundwater conditions at the Site.
- Several metals were detected at concentrations greater than a South Carolina MCL or Tapwater RSL in the groundwater samples. As stated in **Section 4.1**, the detected metals are typical of soils in the Piedmont province of South Carolina and the detected concentrations are generally within average ranges (Canova, 1999).

### **4.3 Conclusions**

No SVOCs, PCBs, or mercury were detected in the soil and groundwater samples collected as part of this Phase II ESA. Several VOCs were detected in one or more of the samples, but at concentrations less than regulatory levels or attributed to a laboratory artifact. Several metals were also detected in soil and groundwater at the Site at concentrations greater than screening levels. The detected metals appear to be evenly distributed across the Site. In addition, the detected concentrations are within typical ranges for metals detected in soil in the Piedmont province of South Carolina (Canova, 1999) and are therefore likely naturally occurring.

Based on the findings of this limited Phase II ESA, SynTerra does not believe that additional assessment is warranted at this time. However, because this Phase II ESA is limited in scope, the potential for unidentified environmental effects should be noted.

## 5.0 RECOMMENDATIONS

Based on the presence of metals in environmental media on the Site, SynTerra recommends the following to help mitigate potential risk of exposure to the public:

Constituents of concern in soil at concentrations greater than regulatory screening levels:

Even though the metals detected are typical of background soil in the Piedmont province of South Carolina, the detected levels for some of the metals still pose a potential exposure risk. Metals detected in soil at concentrations greater than screening levels might pose an exposure risk, primarily under residential land-use assumptions. However, should the property use change, the risk of exposure should be mitigated by removal of affected soil and cover with clean soil or with the use of hard surfaces (asphalt parking, buildings, asphalt, or concrete walkways), which would serve as a “cap” to prevent the general public from exposure to the soil.

Constituents of concern in groundwater at concentrations greater than regulatory screening levels:

Metals were the only constituents detected in groundwater samples at concentrations greater than a screening level. Exposure to groundwater is unlikely based on the current Site conditions. If the property is developed in the future, the property owner could consider an institutional control, such as a deed restriction on use of groundwater for domestic use, to prevent future exposure to groundwater from the Site.

Permant closure and removal of the underground storage tank: The waste oil UST should be permanently closed and removed in accordance with the *SCDHEC Underground Storage Tank Assessment Instructions for Permanent Closure (March 2018)* prior to redevelopment activities.

The above measures would help to mitigate risk associated with the items identified during the limited Phase II assessment.

## 6.0 REFERENCES

*Canova, J. L.. (1999. Elements in South Carolina Inferred Background Soil and Stream Sediment Samples, South Carolina Geology, Volume 41, p. 11-25.*

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*SCDHEC. (2023). Temporary Monitoring Well Approval, 1327 Caldwell Street, Approval # MWA-29670, December 20, 2023.*

*SynTerra. (2023a). Report of Phase I Environmental Site Assessment, 1327 Caldwell Street, Newberry, South Carolina, June 27, 2023.*

*SynTerra. (2023b). Site-Specific Quality Assurance Project Plan (SSQAPP) Addendum 1A, 1327 Caldwell Street, Newberry, South Carolina, November 14, 2023.*

*USEPA. (2018). Region 4 Ecological Risk Assessment Supplemental Guidance, March 2018 Update.*

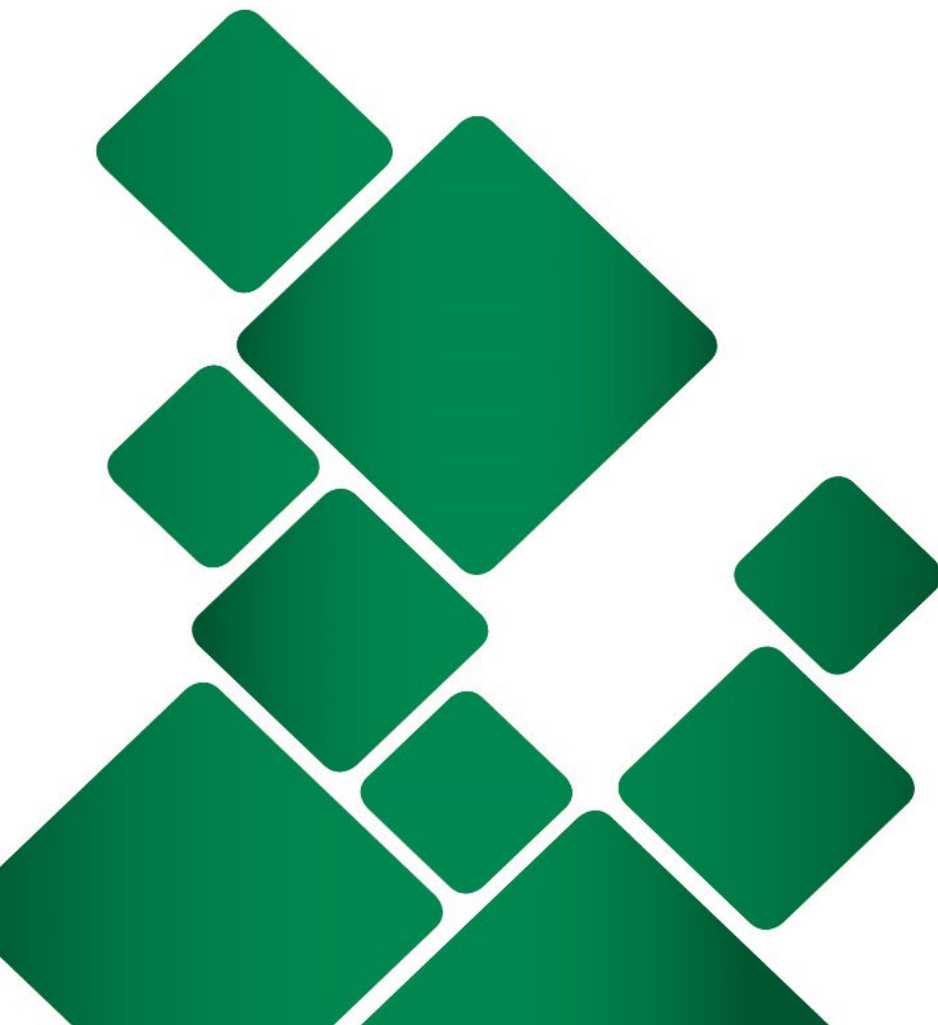
*USEPA. Region IV, Field Branches Quality System and Technical Procedures.*

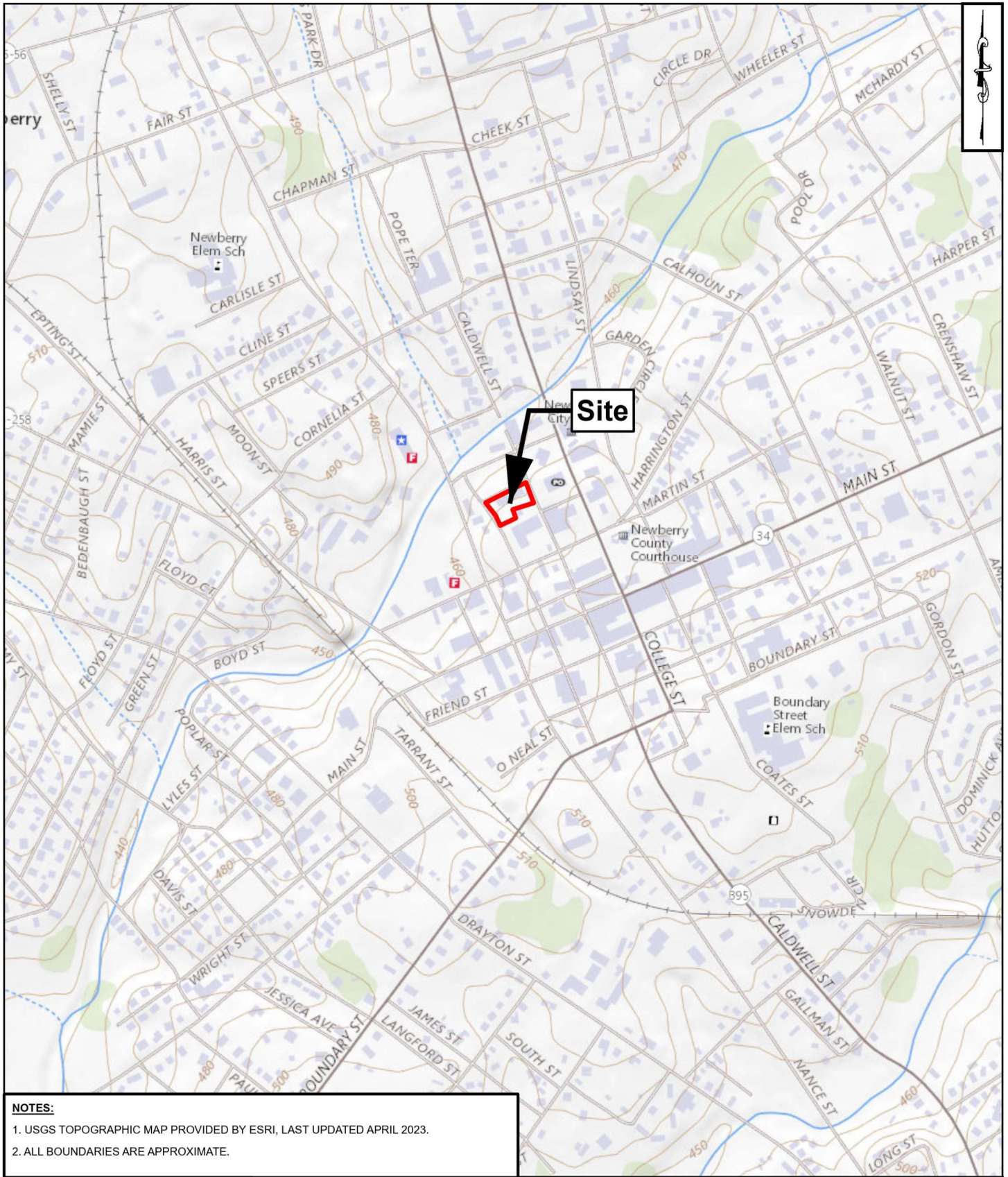
<https://www.epa.gov/quality/quality-system-and-technical-procedures-lsasd-field-branches>

1. Field Equipment Cleaning and Decontamination, SESDPROC-205-R4, June 22, 2020.
2. Field Measurement of Dissolved Oxygen, SESDPROC-106-R5, April 22, 2023.
3. Field pH Measurement, SESDPROC-100-R6, April 22, 2023.
4. Field Specific Conductance Measurements, SESDPROC-101-R7, April 22, 2023.
5. Field Temperature Measurement, SESDPROC-102-R7, April 22, 2023.
6. Field Turbidity Measurement, SESDPROC-103-R6, April 22, 2023.
7. Groundwater Sampling, LSASDPROC-301-R6, April 22, 2023.
8. Sediment Sampling, LSASDPROC-200-R5, April 22, 2023.
9. Soil Sampling, LSASDPROC-300-R5, April 22, 2023.
10. Surface Water Sampling, LSASDPROC-201-R6, April 22, 2023.

*USEPA. (2023). Regional Screening Levels for Chemical Contaminants at Superfund Sites (November 2023).*

## FIGURES





**NOTES:**

- 1. USGS TOPOGRAPHIC MAP PROVIDED BY ESRI, LAST UPDATED APRIL 2023.
- 2. ALL BOUNDARIES ARE APPROXIMATE.

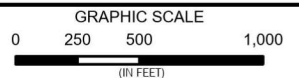


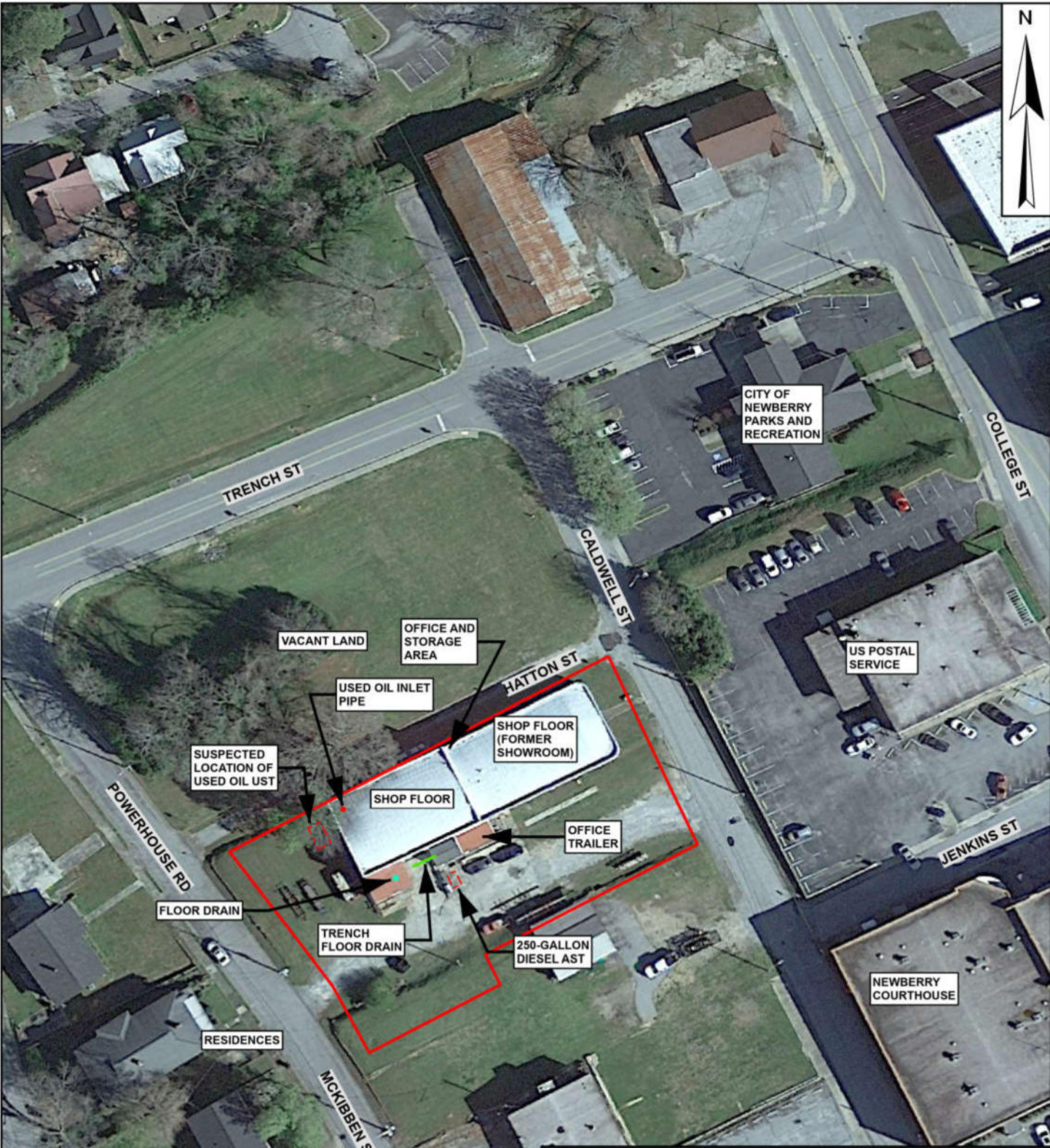
[www.synterracorp.com](http://www.synterracorp.com)

**FIGURE 1  
SITE TOPOGRAPHIC MAP  
1327 CALDWELL STREET  
NEWBERRY, SOUTH CAROLINA**

DRAWN BY: E. ORDEMANN  
 REVISED BY: C. HARRISON  
 CHECKED BY: E. HAMO  
 APPROVED BY: E. HAMO  
 PROJECT MANAGER: E. HAMO

DATE: 04/12/2023  
 DATE: 06/22/2023  
 DATE: 06/22/2023  
 DATE: 06/22/2023






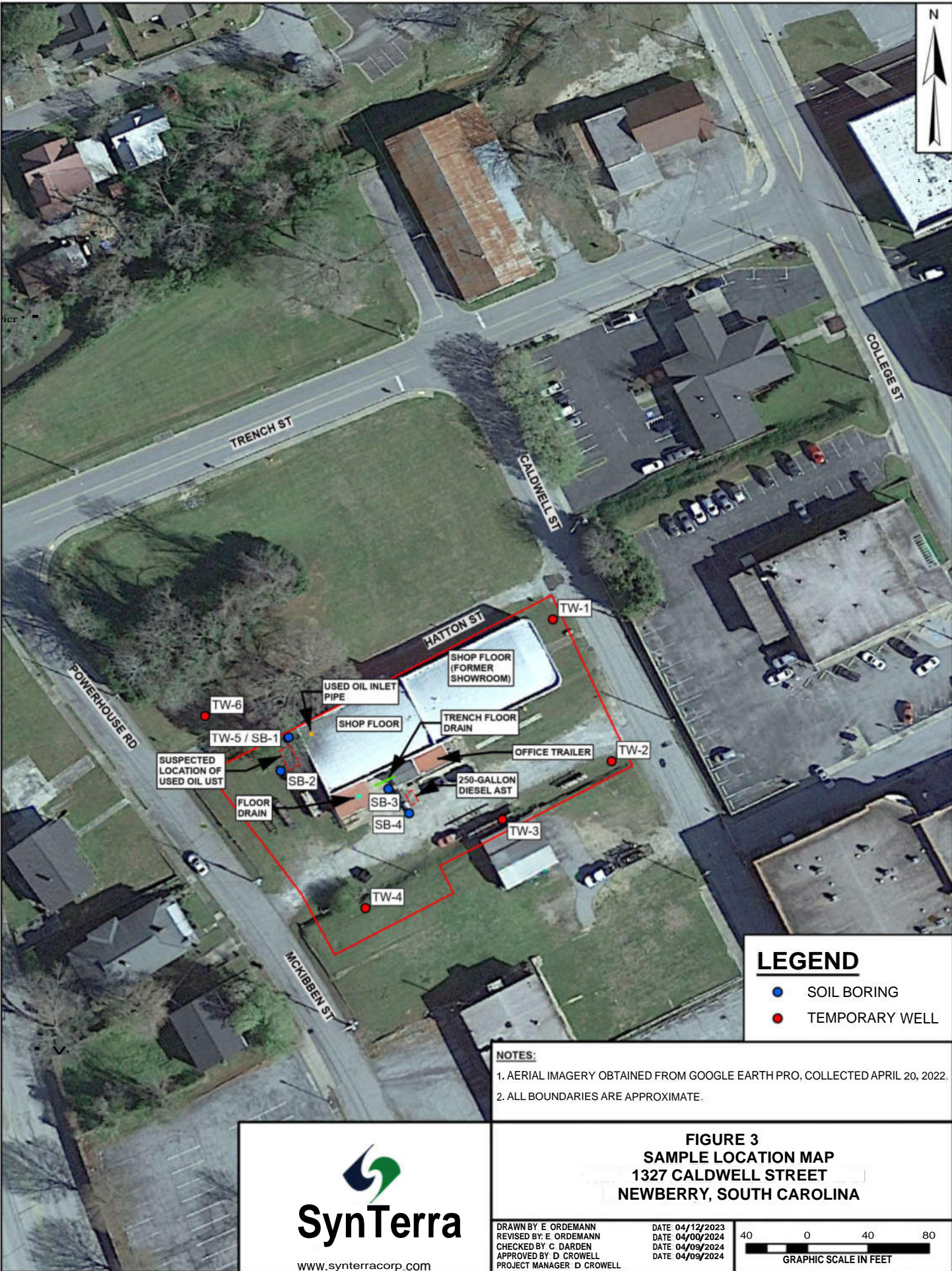
- NOTES:**
1. AERIAL IMAGERY OBTAINED FROM GOOGLE EARTH PRO, COLLECTED APRIL 20, 2022
  2. ALL BOUNDARIES ARE APPROXIMATE.



**SynTerra**  
www.synterracorp.com

**FIGURE 2  
SITE MAP  
1327 CALDWELL STREET  
NEWBERRY, SOUTH CAROLINA**

DRAWN BY E ORDEMANN REVISED BY E ORDEMANN CHECKED BY D CROWELL APPROVED BY D CROWELL PROJECT MANAGER E HAMO	DATE 04/12/2023 DATE 04/09/2024 DATE 04/09/2024 DATE 04/09/2024	 <p>GRAPHIC SCALE (IN FEET)</p>
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**LEGEND**

- SOIL BORING
- TEMPORARY WELL

**NOTES:**

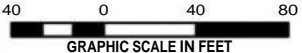
1. AERIAL IMAGERY OBTAINED FROM GOOGLE EARTH PRO, COLLECTED APRIL 20, 2022
2. ALL BOUNDARIES ARE APPROXIMATE.

**FIGURE 3**  
**SAMPLE LOCATION MAP**  
**1327 CALDWELL STREET**  
**NEWBERRY, SOUTH CAROLINA**

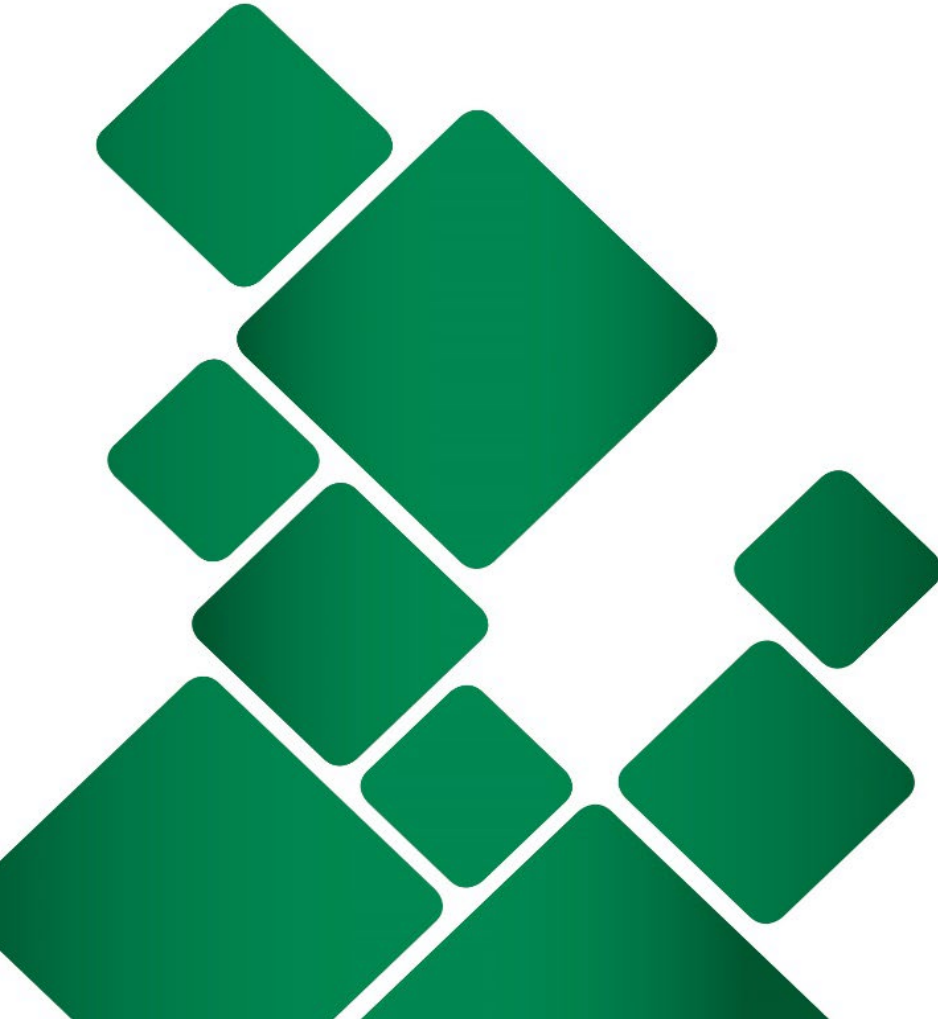


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DRAWN BY E ORDEMANN      DATE 04/12/2023  
 REVISED BY E ORDEMANN    DATE 04/09/2024  
 CHECKED BY C DARDEN        DATE 04/09/2024  
 APPROVED BY D CROWELL      DATE 04/09/2024  
 PROJECT MANAGER D CROWELL



## TABLES



**TABLE 1**  
**SUMMARY OF SOIL ANALYTICAL RESULTS**  
**1327 CALDWELL STREET**  
**NEWBERRY, SOUTH CAROLINA**

		Sample ID				SB-1		SB-2		SB-3		SB-3 DUP		SB-4	
		Date Sampled				2/15/2024		2/15/2024		2/15/2024		2/15/2024		2/15/2024	
		Sample Depth				12'		16'		4-8'		4-8'		8-12'	
Analyte	CAS Number	Residential RSL	Industrial RSL	MCL-Based SSL	Units		Q		Q		Q		Q		Q
<b>Metals</b>															
Aluminum	7429-90-5	7700	110000	NE	mg/kg	<b>33800</b>		<b>19300</b>		<b>22700</b>		<b>22300</b>		<b>38200</b>	
Antimony	7440-36-0	3.1	47	0.27	mg/kg	<b>39.6</b>		<b>19.8</b>		<b>20.0</b>		<b>27.5</b>		<b>35.8</b>	
Barium	7440-39-3	1500	22000	82	mg/kg	<b>449</b>		<b>181</b>		<b>244</b>		<b>353</b>		<b>451</b>	
Beryllium	7440-41-7	16	230	3.2	mg/kg	<b>0.862</b>		<b>1.07</b>		<b>0.742</b>		<b>0.855</b>		<b>2.35</b>	
Calcium	7440-70-2	NE	NE	NE	mg/kg	<b>1220</b>		<b>2310</b>		<b>4400</b>		<b>3350</b>		<b>3140</b>	
Chromium	7440-47-3	NE	NE	180000	mg/kg	<b>66.4</b>		<b>8.63</b>		<b>29.2</b>		<b>20.8</b>		<b>40.5</b>	
Cobalt	7440-48-4	2.3	35	NE	mg/kg	<b>31.9</b>		<b>27.5</b>		<b>29.9</b>		<b>18.4</b>		<b>27.1</b>	
Copper	7440-50-8	310	4700	46	mg/kg	<b>48.8</b>		40.8		<b>48.1</b>		<b>62.5</b>		<b>67.3</b>	
Iron	7439-89-6	5500	82000	NE	mg/kg	<b>49600</b>		<b>34400</b>		<b>31400</b>		<b>36200</b>		<b>52900</b>	
Lead	7439-92-1	400	800	14	mg/kg	<b>14.6</b>		<b>10.1</b>		<b>12.1</b>		<b>11.3</b>		<b>17.3</b>	
Magnesium	7439-95-4	NE	NE	NE	mg/kg	<b>15900</b>		<b>4170</b>		<b>4780</b>		<b>6430</b>		<b>16900</b>	
Manganese	7439-96-5	NE	NE	NE	mg/kg	<b>1010</b>		<b>742</b>		<b>906</b>		<b>501</b>		<b>1130</b>	
Nickel	7440-02-0	140	1800	NE	mg/kg	<b>24.6</b>		<b>6.96</b>		<b>23.1</b>		<b>11.7</b>		<b>25.1</b>	
Potassium	7440-09-7	NE	NE	NE	mg/kg	<b>15700</b>		<b>2530</b>		<b>4530</b>		<b>5140</b>		<b>16600</b>	
Sodium	7440-23-5	NE	NE	NE	mg/kg	<b>188</b>		<b>142</b>		ND		<b>167</b>		<b>153</b>	
Thallium	7440-28-0	0.078	1.2	0.14	mg/kg	ND		ND		ND		ND		<b>3.46</b>	
Vanadium	7440-62-2	39	580	NE	mg/kg	<b>134</b>		<b>117</b>		<b>102</b>		<b>128</b>		<b>186</b>	
Zinc	7440-66-6	2300	35000	NE	mg/kg	<b>101</b>		<b>40.1</b>		<b>52.5</b>		<b>56.4</b>		<b>141</b>	
<b>VOCs</b>															
Methylcyclohexane	108-87-2	9800	41000	NE	mg/kg	<b>118</b>		ND		ND		ND		ND	

Prepared by: DFC Checked by: HJE

**Notes:**

**Bold** - Analyte detected at concentration greater than laboratory reporting limit.

**Bold and Yellow Shaded** - Result greater than Residential Soil RSL (USEPA. Regional Screening Levels for Chemical Contaminants at Superfund Sites, TR=1E-6, THQ=0.1. November 2023).

**Bold and Orange Shaded** - Result greater than Industrial Soil RSL (USEPA. Regional Screening Levels for Chemical Contaminants at Superfund Sites, TR=1E-6, THQ=0.1. November 2023).

**BOLD** - Result greater than MCL-based SSL for protection of groundwater (USEPA. Regional Screening Levels for Chemical Contaminants at Superfund Sites, TR=1E-6, THQ=0.1. November 2023).

MCL - Maximum Contaminant Level

mg/kg - Micrograms per kilogram

mg/kg - Milligrams per kilogram

ND - Constituent not detected at a concentration greater than the laboratory reporting limit.

NE - RSL Not Established for constituent or constituent not listed in RSL Table.

Q - Analytical qualifier.

SSL - Soil Screening Level

**TABLE 2**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
**1327 CALDWELL STREET**  
**NEWBERRY, SOUTH CAROLINA**

Sample ID					TW-1		TW-2		TW-3		TW-4		TW-5		TW-6		TW-6 DUP		EB		EB- Soil	
Date Sampled																						
Analyte	CAS Number	South Carolina MCL	EPA RSL for Tapwater	Units	2/15/2024	Q	2/15/2024	Q	2/15/2024	Q	2/15/2024	Q	2/15/2024	Q	2/15/2024	Q	2/15/2024	Q	2/15/2024	Q	2/15/2024	Q
<b>Metals</b>																						
Aluminum	7429-90-5	NE	2000	µg/L	<b>1230</b>		<b>4290</b>		<b>3570</b>		<b>9510</b>		<b>8550</b>		<b>5700</b>		ND		ND		NA	
Antimony	7440-36-0	6	0.78	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Arsenic	7440-38-2	10	0.052	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Barium	7440-39-3	2000	380	µg/L	<b>77.8</b>		<b>315</b>		<b>227</b>		<b>776</b>		<b>986</b>		<b>442</b>		<b>44.5</b>		ND		NA	
Beryllium	7440-41-7	4	2.5	µg/L	ND		ND		ND		ND		<b>5.25</b>		ND		ND		ND		NA	
Cadmium	7440-43-9	5	NE	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Calcium	7440-70-2	NE	NE	µg/L	<b>20200</b>		<b>20000</b>		<b>14400</b>		<b>15100</b>		<b>23800</b>		<b>14700</b>		<b>13700</b>		ND		NA	
Chromium	7440-47-3	100	NE	µg/L	ND		<b>36.3</b>		<b>220</b>		<b>128</b>		<b>44.8</b>		<b>131</b>		ND		ND		NA	
Cobalt	7440-48-4	NE	0.6	µg/L	ND		<b>14.8</b>		ND		<b>21.7</b>		<b>32.0</b>		<b>15.3</b>		ND		ND		NA	
Copper	7440-50-8	NE	80	µg/L	ND		<b>21.4</b>		<b>69.3</b>		<b>52.7</b>		<b>66.1</b>		<b>55.4</b>		ND		ND		NA	
Iron	7439-89-6	NE	1400	µg/L	<b>1990</b>		<b>8500</b>		<b>25100</b>		<b>25700</b>		<b>19300</b>		<b>21700</b>		<b>972</b>		ND		NA	
Lead	7439-92-1	NE	15	µg/L	ND		<b>36.2</b>		ND		<b>7.59</b>		<b>32.6</b>		<b>18.3</b>		ND		ND		NA	
Magnesium	7439-95-4	NE	NE	µg/L	<b>10900</b>		<b>11,200</b>		<b>7130</b>		<b>9030</b>		<b>15600</b>		<b>7730</b>		<b>7340</b>		ND		NA	
Manganese	7439-96-5	NE	NE	µg/L	<b>504</b>		<b>1290</b>		<b>776</b>		<b>1610</b>		<b>5690</b>		<b>1880</b>		<b>1510</b>		ND		NA	
Nickel	7440-02-0	NE	39	µg/L	ND		<b>23.8</b>		<b>56.4</b>		<b>43.2</b>		<b>27.2</b>		<b>40</b>		ND		ND		NA	
Potassium	7440-09-7	NE	NE	µg/L	<b>2970</b>		<b>3730</b>		<b>6,140</b>		<b>6340</b>		ND		<b>5590</b>		<b>3530</b>		ND		NA	
Selenium	7782-49-2	50	10	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Silver	7440-22-4	NE	9.4	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Sodium	7440-23-5	NE	NE	µg/L	<b>31300</b>		<b>37700</b>		<b>23800</b>		<b>19700</b>		<b>22900</b>		<b>25100</b>		<b>24600</b>		ND		NA	
Thallium	7440-28-0	2	0.02	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		NA	
Vanadium	7440-62-2	NE	8.6	µg/L	ND		ND		ND		<b>23</b>		<b>160</b>		<b>23</b>		ND		ND		NA	
Zinc	7440-66-6	NE	600	µg/L	ND		ND		ND		<b>82.1</b>		<b>86.1</b>		<b>71</b>		ND		ND		NA	
Mercury	7439-97-6	2	0.063	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		NA	
<b>VOCs</b>																						
2-Butanone (MEK)	78-93-3	NE	560	µg/L	ND	M1	ND		ND		ND		ND		ND		ND		ND		<b>11.7</b>	
Acetone	67-64-1	NE	1800	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		<b>86.2</b>	
Chloroform	67-66-3	NE	0.22	µg/L	ND	M1	ND		ND		<b>1.0</b>		ND		ND		ND		ND		ND	
Cyclohexane	110-82-7	NE	HJF	µg/L	ND		ND		ND		ND		<b>1.2</b>		ND		ND		ND		ND	
Methyl tertiary butyl ether (MTBE)	1634-04-4	NE	14	µg/L	ND		ND		ND		ND		ND		ND		ND		ND		<b>2</b>	

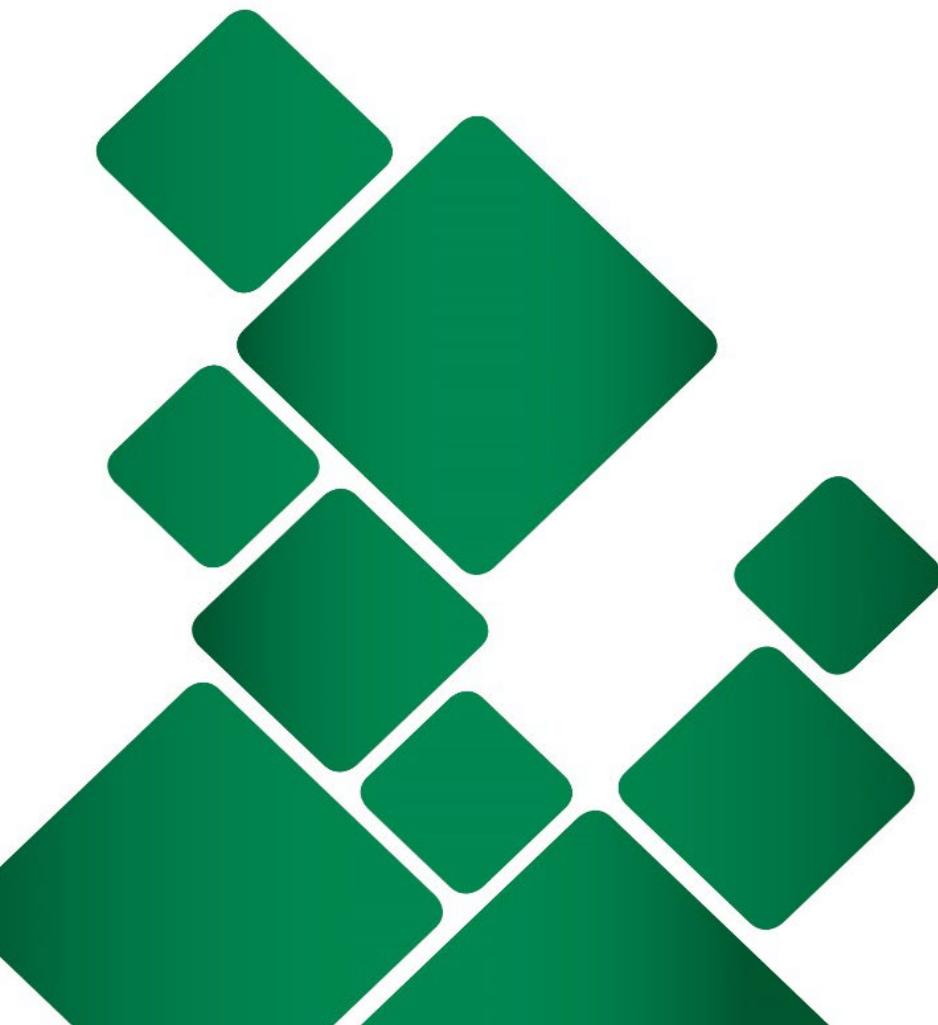
Prepared by: DFC Checked by: HJF

**Notes:**

- Bold and Gray Shaded - Result greater than South Carolina Drinking Water MCL (South Carolina State Primary Drinking Water Regulations, R.61-58)
- Bold and Blue Shaded - Result greater than RSL for Tap Water (US EPA. Regional Screening Levels for Chemical Contaminants at Superfund Sites, TR=1E-6, THQ=0.1. November 2023).
- Bold** - Analyte detected at concentration greater than laboratory reporting limit.
- MCL - Maximum Contaminant Level
- NA - Not Analyzed
- ND - Constituent not detected at a concentration greater than the laboratory reporting limit.
- NE - South Carolina MCL or RSL Not Established for constituent, or constituent not listed in RSL table.
- Q - Analytical qualifier.
- RSL - Regional Screening Level
- µg/L - Micrograms per liter
- M1 = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. (This qualifier is for non-project QC samples.)

## **APPENDIX A**

### **UTILITY SURVEY SUMMARY AND SC811 TICKETS**



# Field Data Summary



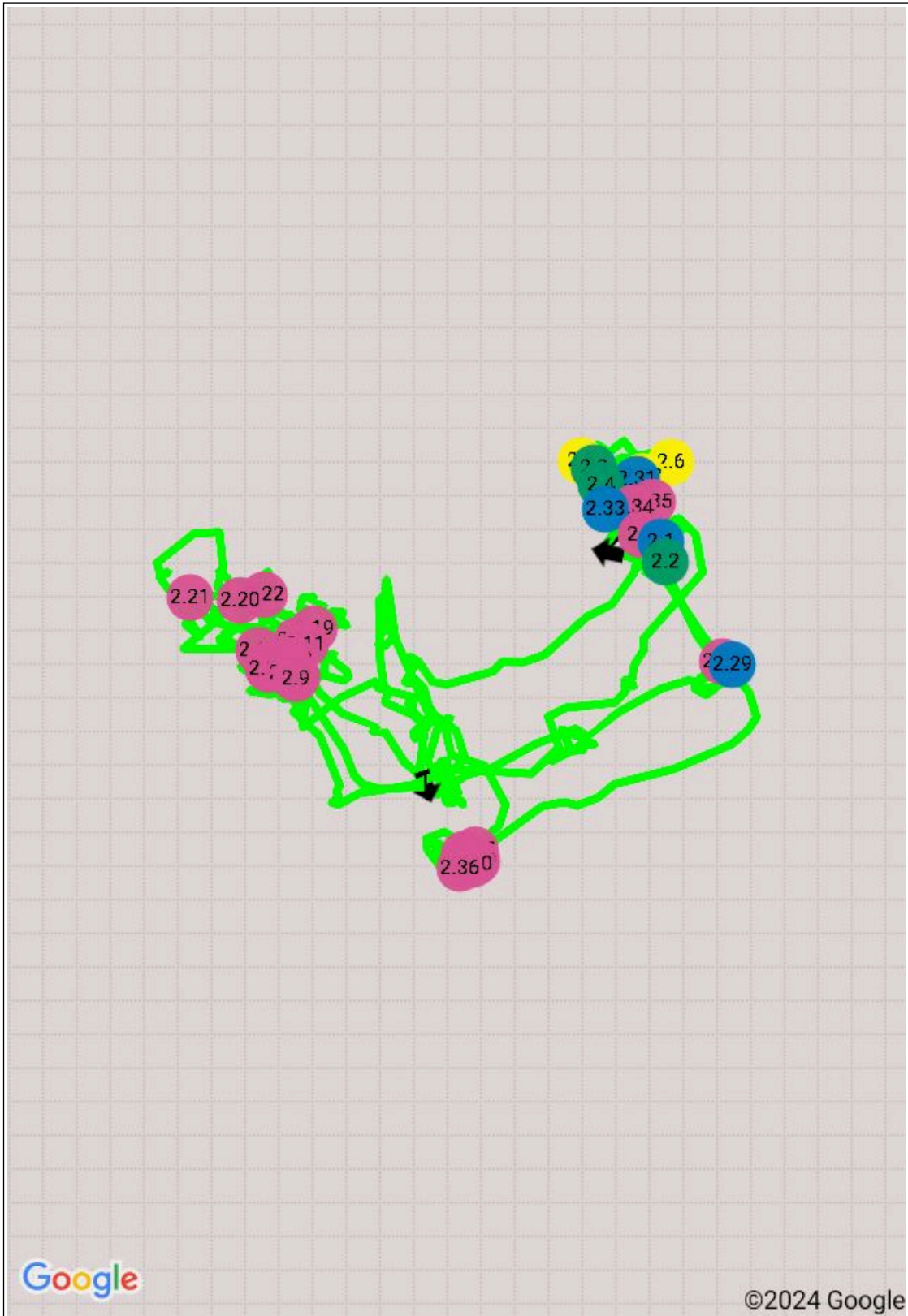
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Operator: User  
Company: Company  
Antenna: PinPointR  
Time: Fri Jan 26 09:12:53 EST 2024

## ImpulseRadar Disclaimer

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Subsurface utilities in the attached pdfReportGenerator were designated by the Operator of the PinPointR/CrossOver GPR system. The pdfReportGenerator generated is for field sketch and demonstrative purposes only and is not a replacement or supplement to any pdfReportGenerator or deliverable contractually agreed to by and between the Operator and their respective Professional-In-Responsible Charge and their Client. ImpulseRadar does not make any representations in this pdfReportGenerator as to the accuracy of the information or the skill level of the operator. Accuracy of utilities detected and designated is subject to the accuracy of the GPS system, the received GPS constellation, and skill level of the Operator. The ability to Detect and Designate utilities and other underground objects are subject to the limitations of the GPR method.

Project Map



Google

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wo 00244626\_2024-01-26

Markers

Temporary Survey Markings (Pink) (APWA)					
ID	Latitude	Longitude	Altitude	Status	Target Depth [ft]
2.7	34.2763598 333N	81.6208203 333W	135.40M	1	2.30
2.8	34.2761616 667N	81.6214041 667W	137.00M	1	4.05
2.9	34.2761573 333N	81.6214080 000W	136.50M	1	3.25
2.10	34.2762116 667N	81.6214043 333W	134.60M	1	5.12
2.11	34.2762050 000N	81.6213903 333W	133.30M	1	4.18
2.12	34.2761776 667N	81.6214181 667W	139.20M	1	2.92
2.13	34.2761713 333N	81.6214215 000W	139.00M	1	2.40
2.14	34.2761651 667N	81.6214195 000W	140.40M	1	2.30
2.15	34.2761838 333N	81.6214195 000W	139.70M	1	2.50
2.16	34.2761765 000N	81.6214180 000W	139.50M	1	2.73
2.17	34.2761975 000N	81.6214706 667W	139.80M	1	2.43
2.18	34.2761820 000N	81.6214113 333W	139.60M	1	2.79
2.19	34.2762260 000N	81.6213745 000W	144.70M	1	2.17
2.20	34.2762678 333N	81.6215001 667W	141.20M	1	2.86
2.21	34.2762710 000N	81.6215865 000W	141.80M	1	3.41
2.22	34.2762756 667N	81.6214606 667W	123.10M	1	1.61
2.24	34.2761705 000N	81.6214530 000W	136.50M	1	2.27
2.25	34.2761766 667N	81.6214523 333W	136.70M	1	3.34
2.26	34.2761701 667N	81.6214530 000W	136.00M	1	2.86
2.27	34.2761701 667N	81.6214530 000W	136.00M	1	2.17
2.28	34.2761766 667N	81.6214523 333W	136.70M	1	2.70
2.30	34.2761800 000N	81.6206831 667W	133.10M	1	0.96
2.34	34.2763966 667N	81.6208336 667W	143.60M	1	3.76

2.35	34.2764043 333N	81.6208000 000W	146.80M	1	2.66
2.36	34.2758903 333N	81.6211288 333W	141.50M	1	2.24
2.37	34.2759170 000N	81.6211016 667W	140.90M	1	1.81
2.38	34.2758973 333N	81.6211238 333W	140.30M	1	1.71
2.39	34.2759011 667N	81.6210995 000W	139.40M	1	1.71
2.40	34.2758971 667N	81.6211056 667W	141.00M	1	2.27
2.41	34.2759018 333N	81.6211191 667W	139.60M	1	1.71
2.42	34.2759106 667N	81.6211221 667W	138.70M	1	2.50

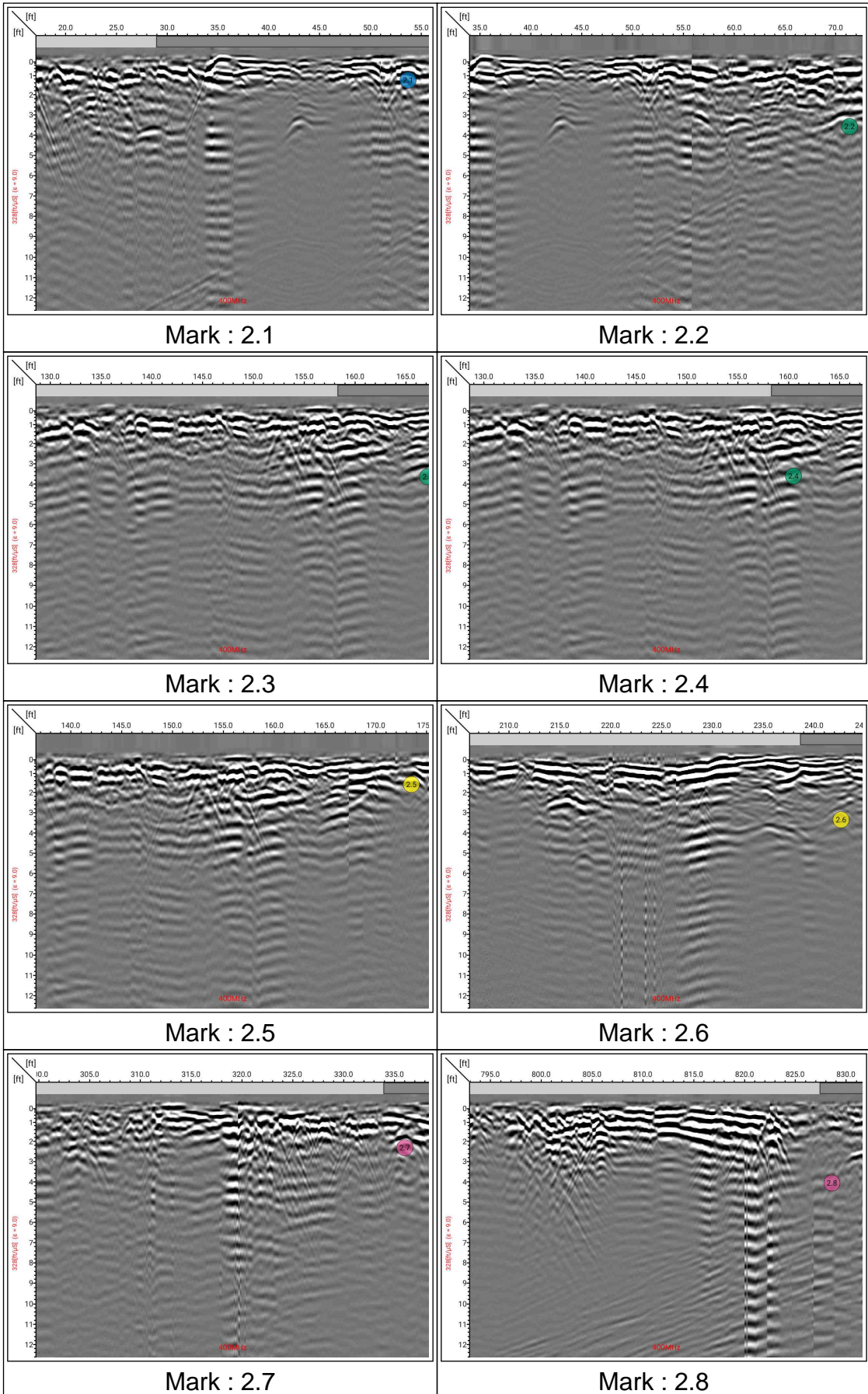
Gas, Oil, Steam, Petroleum or Gaseous Materials (Yellow) (APWA)					
ID	Latitude	Longitude	Altitude	Status	Target Depth [ft]
2.5	34.2764625 000N	81.6209228 333W	140.40M	1	1.58
2.6	34.2764610 000N	81.6207698 333W	143.90M	1	3.34
2.32	34.2764401 667N	81.6208181 667W	130.70M	1	4.44

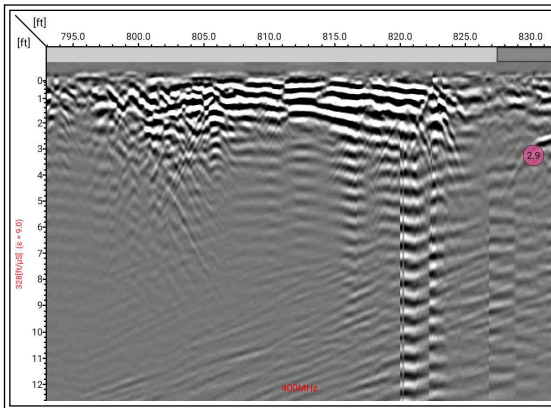
Potable Water (Blue) (APWA)					
ID	Latitude	Longitude	Altitude	Status	Target Depth [ft]
2.1	34.2763491 667N	81.6207873 333W	142.00M	1	1.24
2.29	34.2761765 000N	81.6206648 333W	128.30M	1	2.40
2.31	34.2764376 667N	81.6208273 333W	131.60M	1	2.70
2.33	34.2763948 333N	81.6208805 000W	134.80M	1	2.21

Sewers and Drain Lines (Green) (APWA)					
ID	Latitude	Longitude	Altitude	Status	Target Depth [ft]
2.2	34.2763220 000N	81.6207798 333W	144.50M	1	3.57
2.3	34.2764530 000N	81.6209005 000W	142.10M	1	3.63

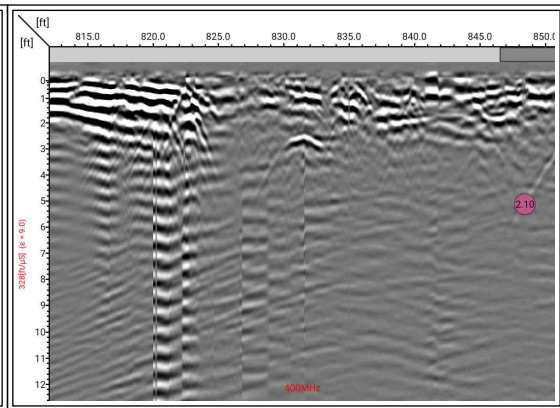
2.4	34.2764293 333N	81.6208893 333W	141.00M	1	3.60
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# Marker Screenshots

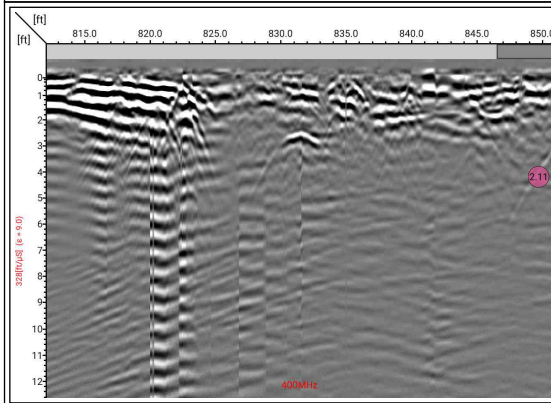




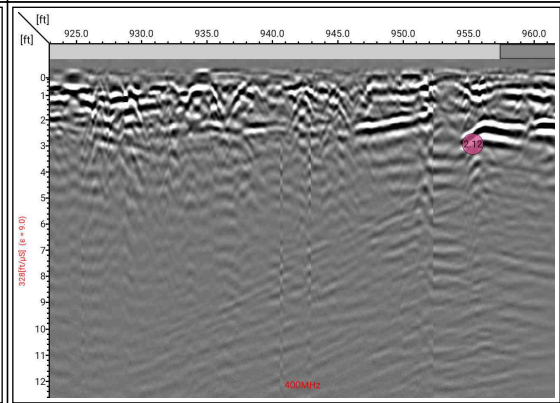
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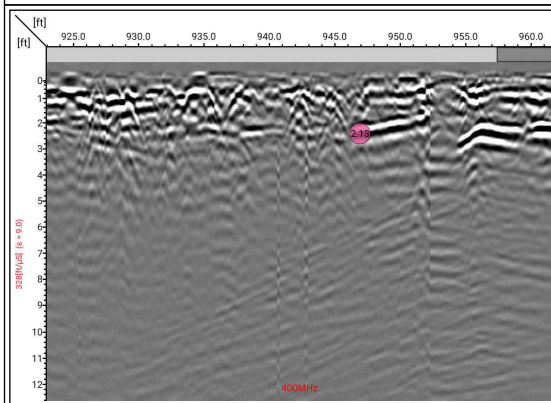
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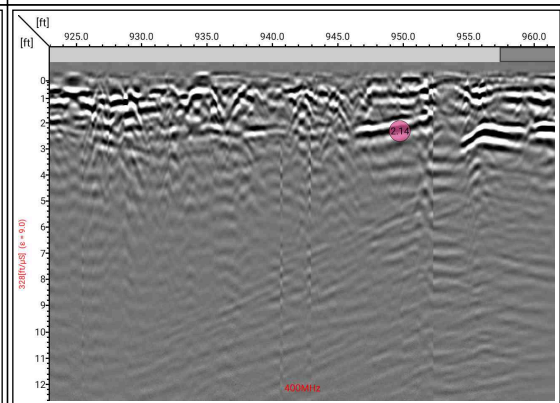
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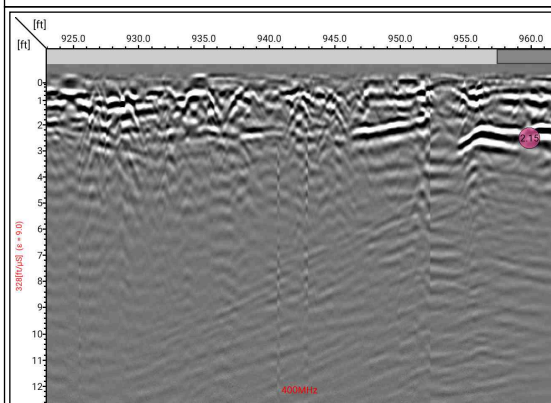
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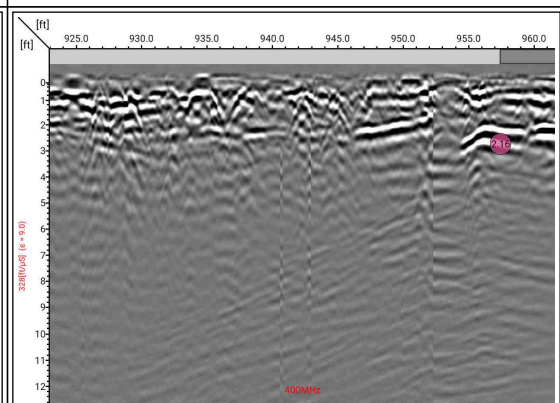
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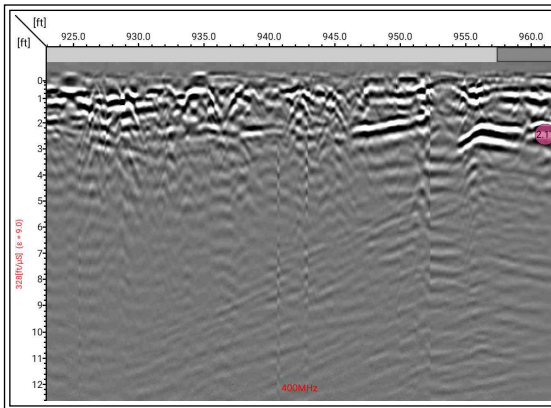
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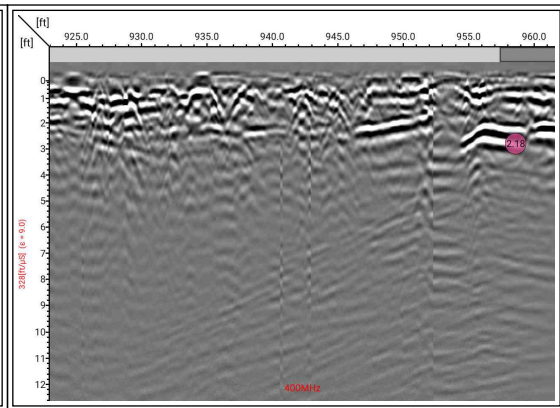
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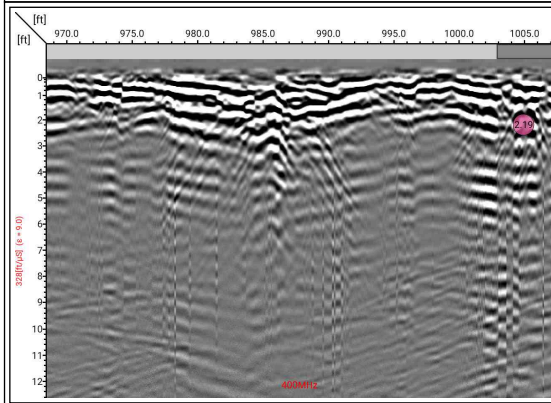
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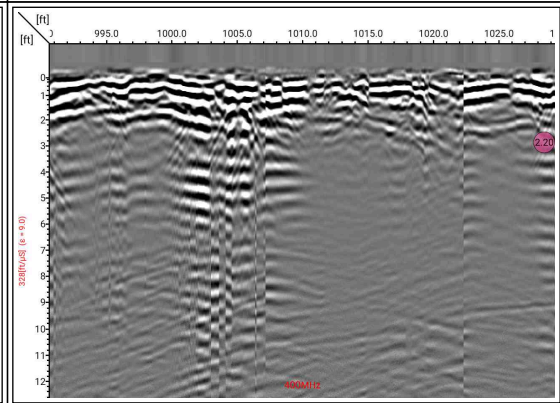
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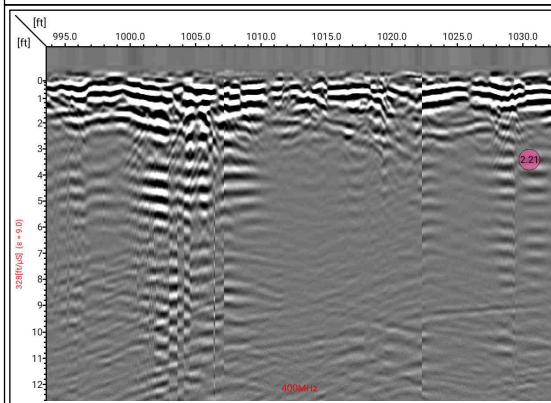
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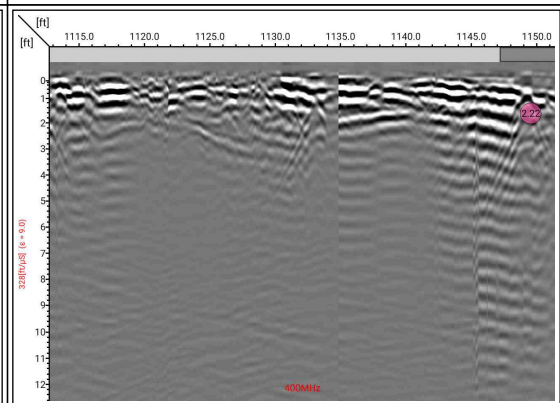
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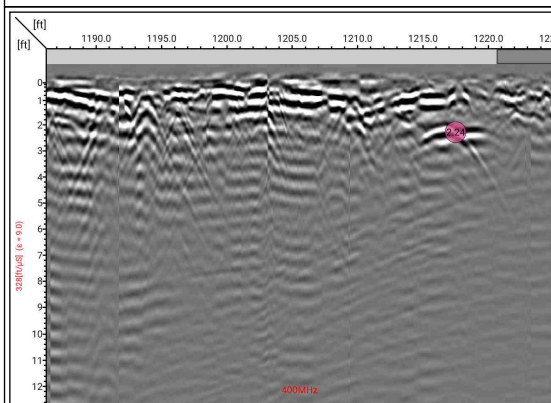
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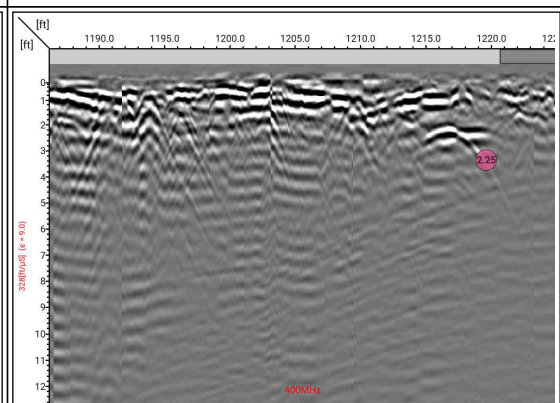
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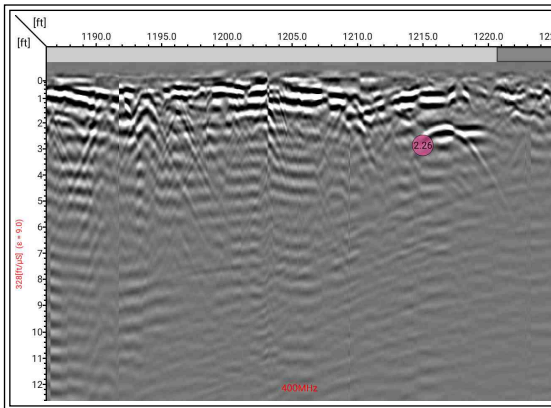
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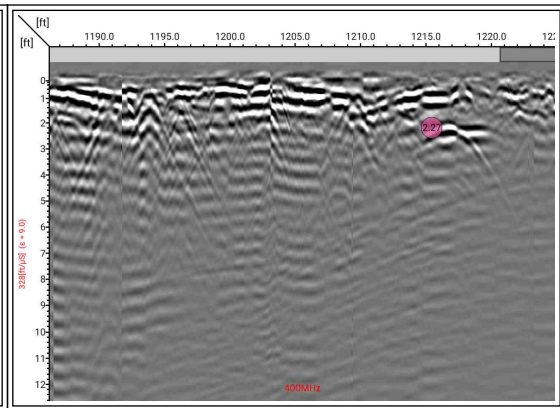
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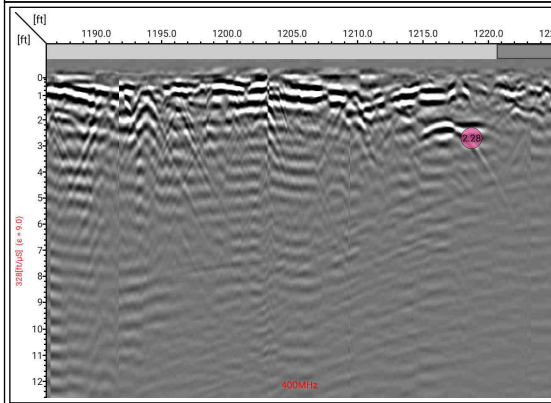
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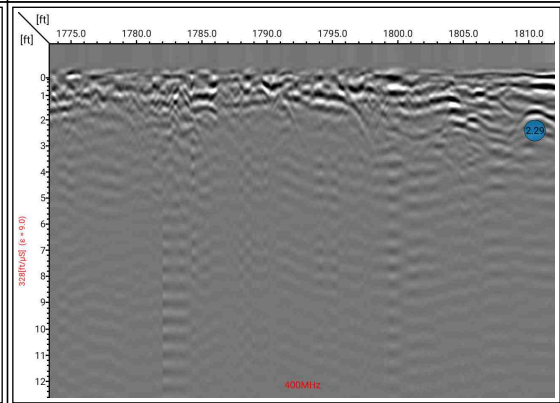
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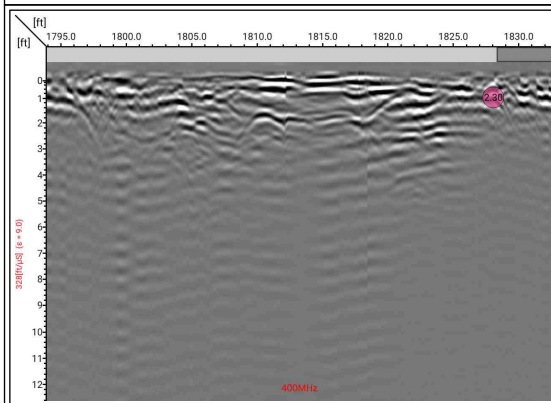
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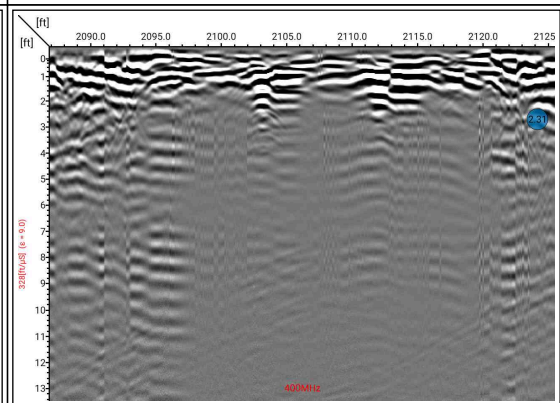
Mark : 2.28



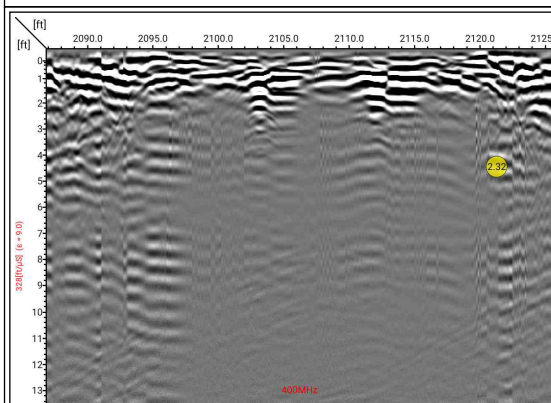
Mark : 2.29



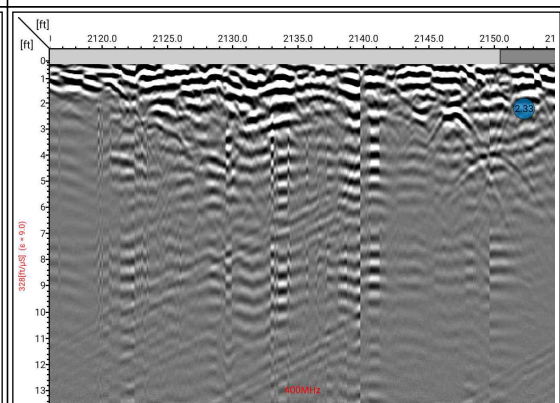
Mark : 2.30



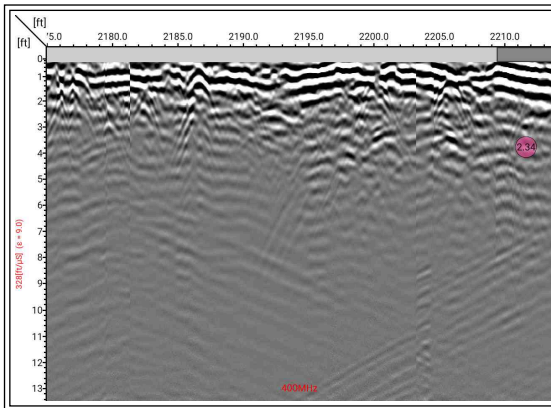
Mark : 2.31



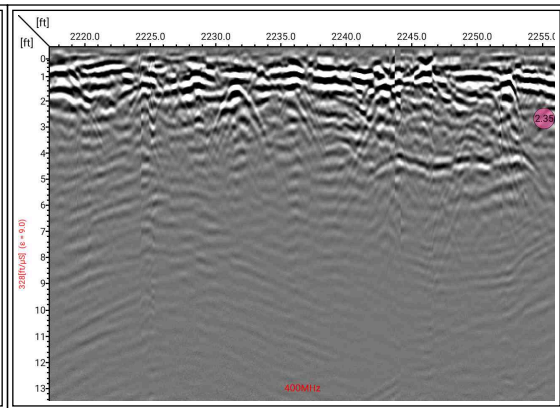
Mark : 2.32



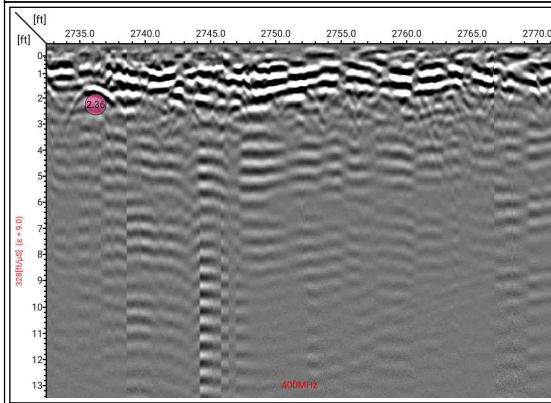
Mark : 2.33



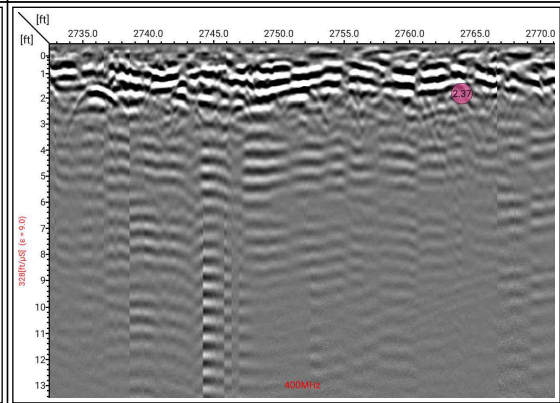
Mark : 2.34



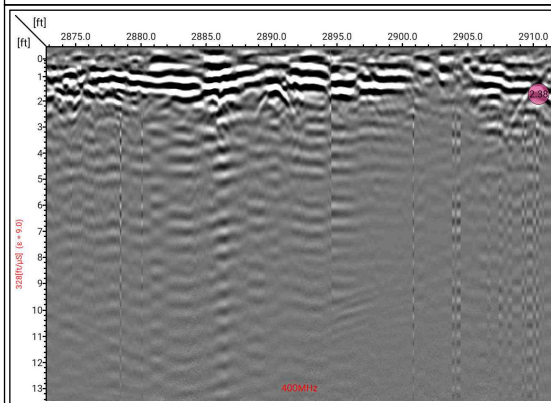
Mark : 2.35



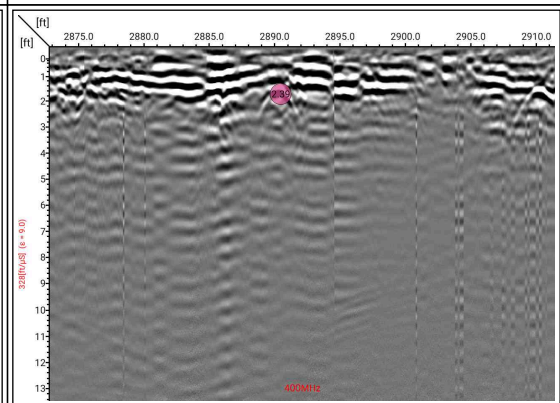
Mark : 2.36



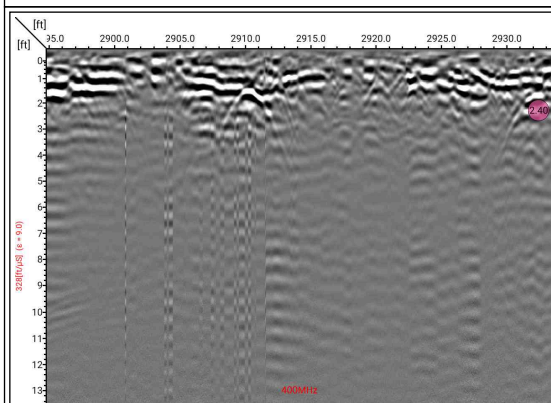
Mark : 2.37



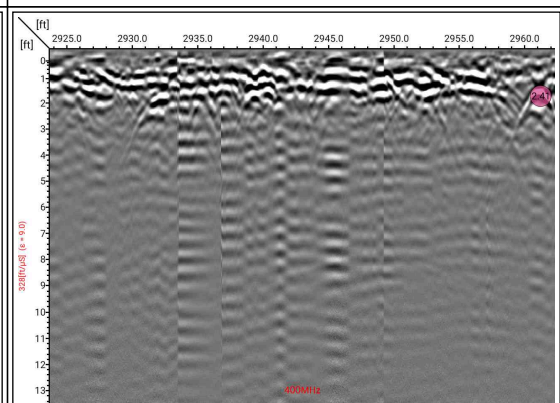
Mark : 2.38



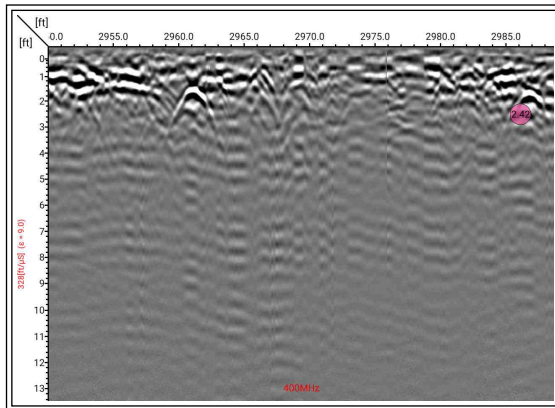
Mark : 2.39



Mark : 2.40



Mark : 2.41



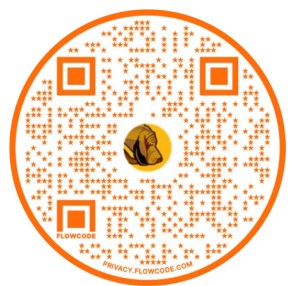
Mark : 2.42



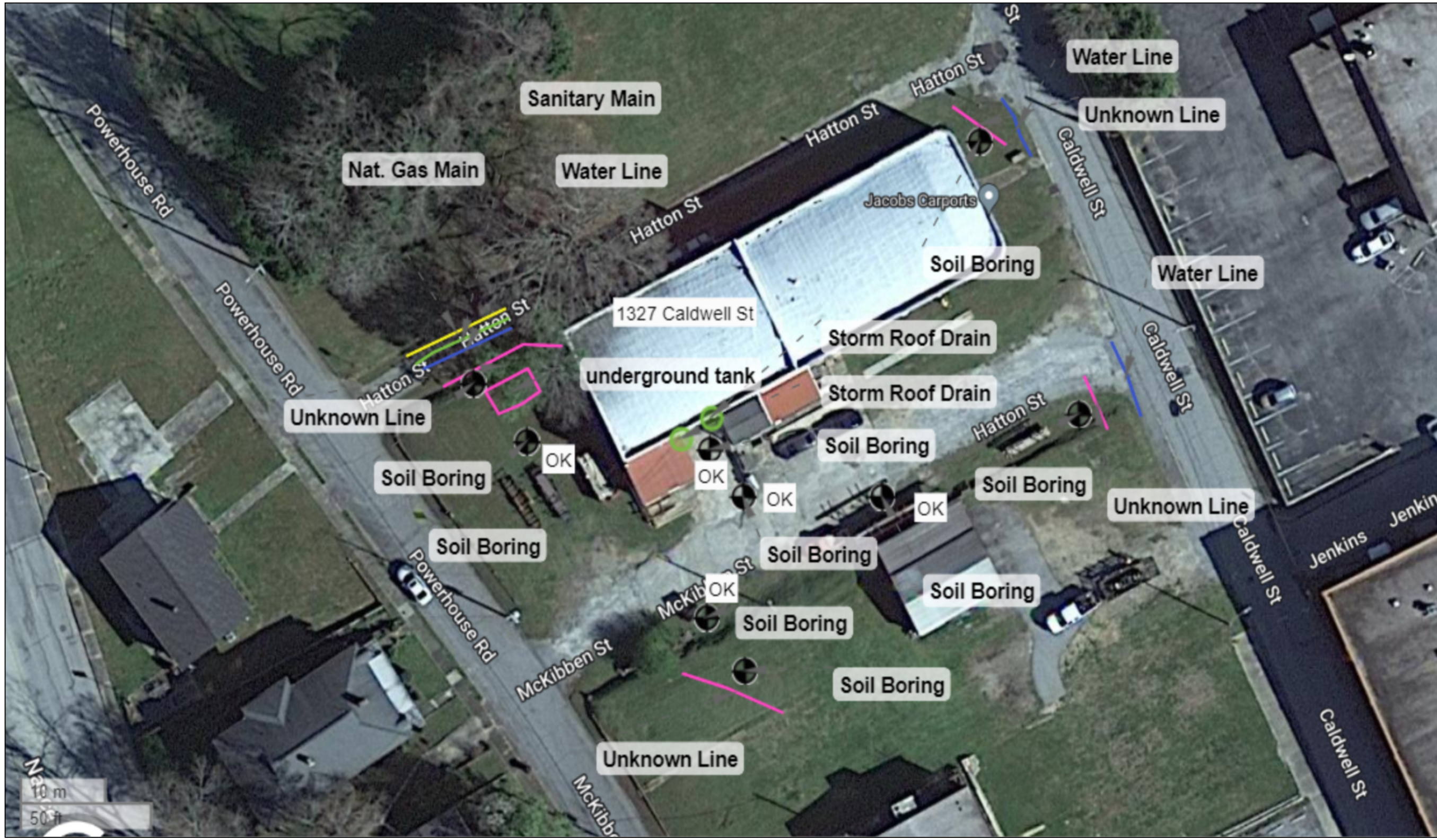
1. The subsurface utilities depicted are for informational use only. Blood Hound is not a licensed surveyor or Engineering firm. Independent verification of the provided data for any official use would be required.
2. Our subsurface utility designation was performed utilizing radio frequency (RF) and ground penetrating radar (GPR). Electromagnetic interference and subsurface soil and groundwater conditions impact the ability to identify and trace subsurface utilities.
3. Unless confirmed with test holes, any subsurface utility depths shown hereon were derived with RF or GPR methodologies and are approximate.
4. The base map imagery shown may not reflect current site conditions.
5. Designated subsurface utilities were designated using a Vivax-Metrotech vLoc3 RTK-Pro GNSS receiver, unless otherwise noted.

Work order# **00244626**      Customer **SynTerra - Cary, NC**      Scale: **NTS**  
 Work type **Locating**      Technician(s) **Michelle Carter**      Address **1327 Caldwell Street, Newberry, SC, 29108**

Gas Line	Note	Sanitary Line	Soil Boring	Storm Roof Drain	Unknown Line
Water Line					



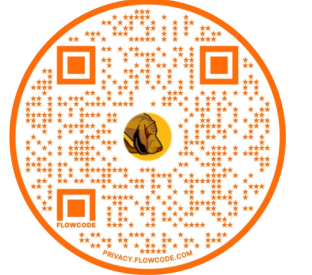
**6500 Technology Center Drive Suite 200**  
**Indianapolis, IN 46278**  
**1-888-858-9830**  
**BHUG.COM**



1. The subsurface utilities depicted are for informational use only. Blood Hound is not a licensed surveyor or Engineering firm. Independent verification of the provided data for any official use would be required.
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Gas Line	Note	Sanitary Line	Soil Boring	Storm Roof Drain	Unknown Line
Water Line					



**6500 Technology Center Drive Suite 200**  
**Indianapolis, IN 46278**  
**1-888-858-9830**  
**BHUG.COM**

## SC811 Locate Notice Information

<b>Notice Number:</b>	2401220880	<b>Old Number:</b>	
<b>Notice Type:</b>	Normal	<b>Created By:</b>	EVAN HAMO
<b>Created On:</b>	01/22/2024 09:35:47	<b>Update On:</b>	02/12/2024
<b>Locate Date:</b>	01/25/2024 23:59:00	<b>Good Through:</b>	02/15/2024
<b>Work Date:</b>	01/25/2024 23:59:00		

### What are the next steps?



#### Step 1 - Wait the Required Amount of Time

Notice must be provided 3-full business days prior to digging. Keep in mind this excludes the day of notice, weekends and holidays.



#### Step 2 - Know When to Dig: Check Positive Response

Facility operators will mark their lines around the dig site using the [APWA Uniform Color Code](#) before digging. South Carolina law requires that you check **Positive Response** with SC811 to verify that all utilities have marked their lines. A **No Show** notice should be called in if the Member Operator(s) do not respond in the allowed time or the code entered does not indicate a facility in the excavation area but signs show otherwise.

\*\* Facility operators only mark lines they install and maintain, which does not include privately owned lines like water and sewer installed by a plumber or electric lines to a detached garage.



#### Step 3 - Respect the Marks

Keep your marks intact throughout the project and call for a re-mark if the marks are destroyed by weather or another company. An **Update** notice is used when excavation has not been completed by the 12th working day on the existing locate notice and the markings are still visible. A **Remark** notice is used if markings are faded, have been destroyed due to weather, or if a company other than your company destroyed the markings.



#### Step 4 - Dig Carefully

Keep the **Tolerance Zone** in mind. The tolerance zone is 24 inches on either side of the utility mark plus  $\frac{1}{2}$  the diameter of the facility. Only hand digging, no mechanized equipment, is allowed within the tolerance zone until the precise location of the lines are visually identified or there is visual confirmation that no lines are present up to the depth of excavation. If a line is damaged, nicked or cut, notify the utility operator and submit a damage record at <https://exactix.sc811.com/projects/>.



#### Step 5 - Close the Locate Notice

When your project is complete, don't forget the final step; notify 811 that all work is done to close your ticket!

### Emergency: Danger to Life, Health, or Property

If a damage occurs, you should follow the necessary steps.

1. **Report the Emergency** - An excavator is performing excavation or demolition that results in damage to a facility, the excavator should immediately notify the notification center and the operator. If the damage results in the escape of any flammable, toxic, or corrosive gas or liquid, electricity, endangers life, health, or property, the excavator should immediately notify emergency services (911), the notification center and the operator.
2. **Report the Damage** - The excavator is required to complete a report if there were damages. A damage record must then be submitted to SC811 at <https://exactix.sc811.com/projects/> or by calling the notification center at 811 or 1-888-721-7877.

## Company Information

SYNTERRA  
148 RIVER STREET, SUITE 220  
GREENVILLE, SC 29601

**Caller:** EVAN HAMO  
**Phone:** (919) 376-7913  
**Email:** ehamo@synterracorp.com

**Site Contact:** EVAN HAMO  
**Phone:** (919) 376-7913  
**Email:** ehamo@synterracorp.com

## Excavation Information

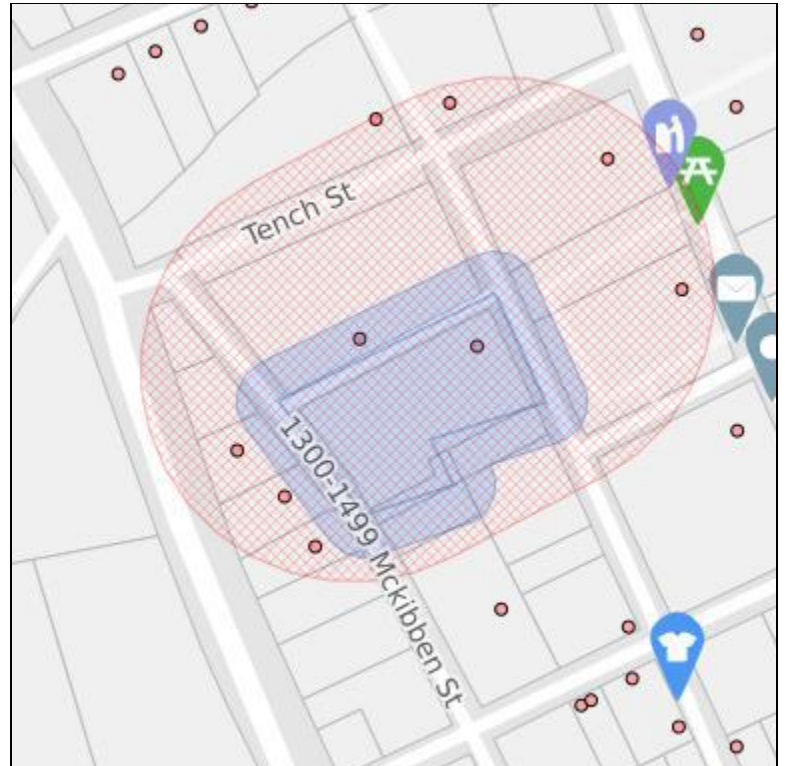
**Work Type:** BORING  
**Work Done By:** SYNTERRA  
**Work Done For:** CITY OF NEWBERRY  
**Duration:** 1DAY

**County:** NEWBERRY  
**Place:** NEWBERRY  
**Street:** 1327 CALDWELL ST  
**Intersection:** HATTON ST  
**Subdivision:**

**Explosives:** No  
**Premark:** No  
**Drilling/Boring:** Yes  
**Near Railroad:** No

### Driving Directions:

SITE IS LOCATED AT 1327 HATTON STREET AND CONTAINS A SINGLE-STORY LIGHT INDUSTRIAL BUILDING IN DOWNTOWN NEWBERRY, SC



### Remarks:

### Marking Instructions:

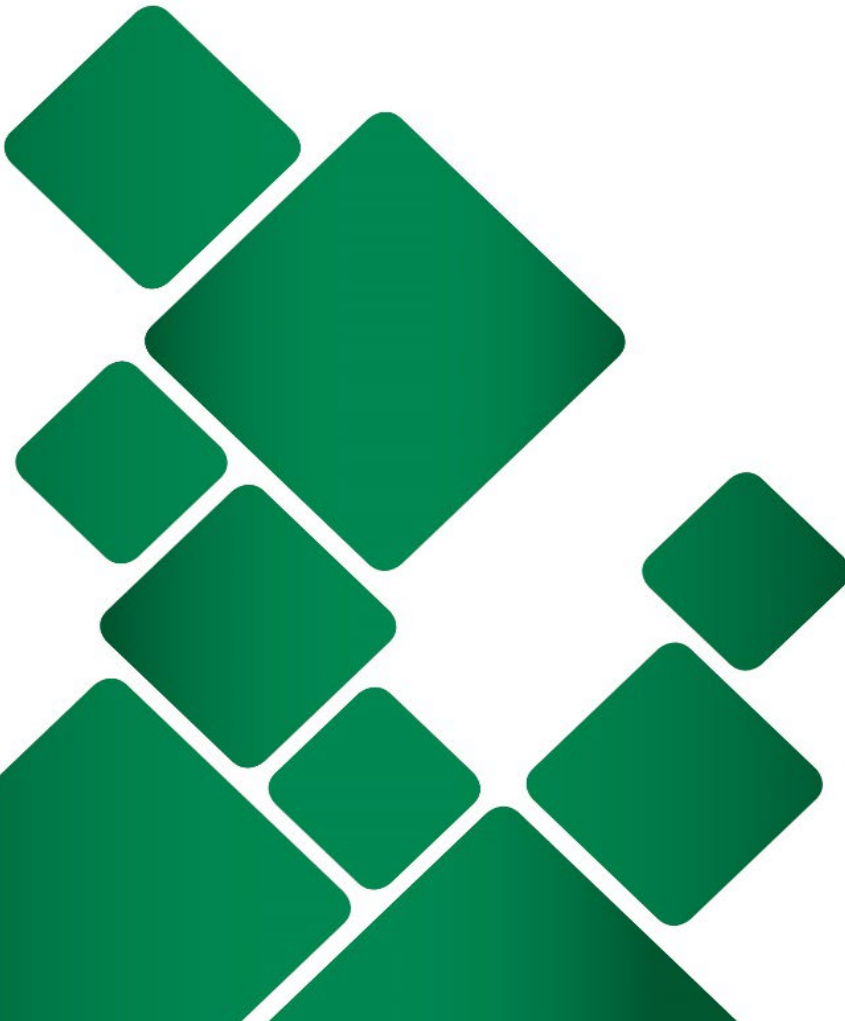
MARK THE ENTIRE PROPERTY

## Member Utilities Notified

Member Code	Member Name	Locate Contact	Damage Contact
BSZT29	AT&T/D - BSZT29	USIC PR (800) 778-9140	ATT/D DAMAGE (877) 737-2478
CNNG15	CLINTON NEWBERRY NATURAL GAS AUTHORITY - CNNG15	BOBBY COATS (803) 924-4830	Not Provided
CNW04	CITY OF NEWBERRY	BRAD RIKARD (803) 321-1018	Not Provided

## **APPENDIX B**

### **SOIL BORING LOGS AND SCDHEC MONITORING WELL RECORDS**



Project: 1327 Caldwell St.  
 Project Location: Newbury St  
 Project Number: \_\_\_\_\_

Boring Number SB-2  
 Sheet 1 of \_\_\_\_\_

Start Date <u>2.15.24</u> End Date <u>2.15.24</u>	Logged By <u>EMH + C MD</u>	Reviewed By
Drilling Method <u>direct push</u>	Drilling Contractor <u>Verge</u>	Total Depth of Borehole <u>17'</u>
Sampling Method <u>macro core</u>	Groundwater Level(s) <u>16'</u>	Surface Casing Depth
Size and Type of Well Casing	Screen Interval	Ground Surface Elevation
TOC height	Location	Boring Diameter

Depth, feet	SAMPLES			USCS Code	MATERIAL DESCRIPTION	Well Completion Schematic	FIELD NOTES AND WELL DETAILS
	Type and Number	Recovery, %	PID				
0			0		red sandy SILT		
4			0		"		
5			0		brown SILT		
6			0		brown sandy SILT w/ gravel		
8			0.4		brown "		
			0		brown sandy SILT		
10			0.4		grey sandy SILT		
			0.7		grey sandy SILT		
12			3.1		grey sandy SILT		Stained SB-2
			3.3		grey sandy SILT		stones
			0.6				
15			1.6				
			6.1				
16			11.2		PWR		
			1.5		# refusal @ 17'		

Project: 1327 Caldwell  
 Project Location: Newberry  
 Project Number: \_\_\_\_\_

Boring Number SB-2  
 Sheet 1 of \_\_\_\_\_

Start Date <u>2-15-24</u> End Date <u>2-15-24</u>	Logged By <u>EMH &amp; CMD</u>	Reviewed By
Drilling Method <u>direct push</u>	Drilling Contractor <u>VERCO</u>	Total Depth of Borehole <u>16'</u>
Sampling Method <u>macro core</u>	Groundwater Level(s)	Surface Casing Depth
Size and Type of Well Casing	Screen Interval	Ground Surface Elevation
TOC height	Location	Boring Diameter

Depth, feet	SAMPLES			USCS Code	MATERIAL DESCRIPTION	Well Completion Schematic	FIELD NOTES AND WELL DETAILS
	Type and Number	Recovery, %	PID				
0					red clay		
4					"		
5					red silty CLAY		
					red Sandy SILT		
8					"		
					red/ tan Sandy SILT.		
12					same		
					red/ tan Sandy SILT		
16					so		
					terminated @ 16'		-sample @ 16' SB-2

<b>Project:</b> <u>Newberry 1327 Caldwell Street</u> <b>Project Location:</b> <u>Newberry SC</u> <b>Project Number:</b> _____	<b>Boring Number</b> <u>S13-3</u> Sheet 1 of <u>1</u>
---	--

Start Date <u>2-15-24</u> End Date <u>2-15-24</u>	Logged By <u>EMH ECMD</u>	Reviewed By _____
Drilling Method <u>Direct push</u>	Drilling Contractor <u>VERCO</u>	Total Depth of Borehole <u>8</u>
Sampling Method <u>macro core</u>	Groundwater Level(s) _____	Surface Casing Depth _____
Size and Type of Well Casing _____	Screen Interval _____	Ground Surface Elevation _____
TOC height _____	Location _____	Boring Diameter _____

Depth, feet	SAMPLES			USCS Code	MATERIAL DESCRIPTION	Well Completion Schematic	FIELD NOTES AND WELL DETAILS
	Type and Number	Recovery, %	PID				
0			0		red silty SILT		whirl extend
4			0		" Brown silty SAND		
8			0		" Terminated at 8'		

Project: 1327 Caldwell St.  
 Project Location: Newberry, SC  
 Project Number: \_\_\_\_\_

Boring Number SB-4  
 Sheet 1 of \_\_\_\_\_

Start Date <u>2/15/24</u> End Date <u>2/15/24</u>	Logged By <u>EMH CMD</u>	Reviewed By
Drilling Method <u>direct push</u>	Drilling Contractor <u>VERCO</u>	Total Depth of Borehole <u>12'</u>
Sampling Method <u>macro core</u>	Groundwater Level(s)	Surface Casing Depth
Size and Type of Well Casing	Screen Interval	Ground Surface Elevation
TOC height	Location	Boring Diameter <u>2"</u>

C Depth, feet	SAMPLES			USCS Code	MATERIAL DESCRIPTION	Well Completion Schematic	FIELD NOTES AND WELL DETAILS
	Type and Number	Recovery, %	PID				
0			0		red sandy SILT		white exterior
1			0		"		
2			0		"		
3			0		same		
4			0				
5			0				
6			0				
7			0		tan/red graney SAND		
8			0		same		
9			0				
10			0		dark brown sandy SILT.		(SB-4)
11			0				(8-12')
12			0		boring terminated @ 12'		















Water Well Record
Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:

Name: Newberry County (last) (first)
Address: PO Box 156
City: Newberry State: SC Zip:
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Newberry

Name:
Street Address: 1327 Caldwell St
City: Newberry Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: PUBLIC SYSTEM NUMBER:
29670 SB-1

4. ABANDONMENT: [x] Yes [ ] No
Give Details Below
Grouted Depth: from 17 ft. to 0 ft.

Table with 3 columns: Formation Description, \*Thickness of Stratum, Depth to Bottom of Stratum. Row 1: See Geologist's Log, 17, 17.

5. REMARKS:
\*Indicate Water Bearing Zones
(Use a 2nd sheet if needed)

- 6. TYPE: [ ] Mud Rotary [ ] Jetted [ ] Bored [ ] Dug [ ] Air Rotary [ ] Driven [ ] Cable tool [ ] Other

7. PERMIT NUMBER: UMW-29670

- 8. USE: [ ] Residential [ ] Public Supply [ ] Process [ ] Irrigation [ ] Air Conditioning [ ] Emergency [x] Test Well [ ] Monitor Well [ ] Replacement

9. WELL DEPTH (completed) Date Started: 2/15/24
17 ft. Date Completed: 2/15/24

10. CASING: [ ] Threaded [ ] Welded
Diam.:
Type: [ ] PVC [ ] Galvanized [ ] Steel [ ] Other
in. to ft. depth
in. to ft. depth
Height: Above/Below
Surface \_\_\_\_\_ ft.
Weight \_\_\_\_\_ lb./ft.
Drive Shoe? [ ] Yes [ ] No

11. SCREEN:
Type: \_\_\_\_\_ Diam.: \_\_\_\_\_
Slot/Gauge: \_\_\_\_\_ Length: \_\_\_\_\_
Set Between: \_\_\_\_\_ ft. and \_\_\_\_\_ ft. NOTE: MULTIPLE SCREENS USE SECOND SHEET
\_\_\_\_\_ ft. and \_\_\_\_\_ ft.
Sieve Analysis [ ] Yes (please enclose) [ ] No

12. STATIC WATER LEVEL \_\_\_\_\_ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
\_\_\_\_\_ ft. after \_\_\_\_\_ hrs. Pumping \_\_\_\_\_ G.P.M.
Pumping Test: [ ] Yes (please enclose) [ ] No
Yield: \_\_\_\_\_

14. WATER QUALITY
Chemical Analysis [ ] Yes [ ] No Bacterial Analysis [ ] Yes [ ] No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) [ ] Yes [ ] No
Installed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.
Effective size \_\_\_\_\_ Uniformity Coefficient \_\_\_\_\_

16. WELL GROUTED? [ ] Yes [ ] No
[ ] Neat Cement [ ] Bentonite [ ] Bentonite/Cement [ ] Other \_\_\_\_\_
Depth: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: \_\_\_\_\_ ft. \_\_\_\_\_ direction
Type \_\_\_\_\_
Well Disinfected [ ] Yes [ ] No Type: \_\_\_\_\_ Amount: \_\_\_\_\_

18. PUMP: Date installed: \_\_\_\_\_ Not installed [ ]
Mfr. Name: \_\_\_\_\_ Model No.: \_\_\_\_\_
H.P. \_\_\_\_\_ Volts \_\_\_\_\_ Length of drop pipe \_\_\_\_\_ ft. Capacity \_\_\_\_\_ gpm
TYPE: [ ] Submersible [ ] Jet (shallow) [ ] Turbine [ ] Jet (deep) [ ] Reciprocating [ ] Centrifugal

19. WELL DRILLER: Jason Chiorazzi CERT. NO.: 1790
Address: (Print) Level: A B C D (circle one)
2047 Industrial Blvd, Lexington, SC
29072
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: \_\_\_\_\_ Date: 3/7/24
Well Driller

If D Level Driller, provide supervising driller's name:







## **APPENDIX C**

### **SITE PHOTO LOG**



# PHOTOGRAPHIC LOG



**Client Name:**  
City of Newberry

**Site Location:**  
1327 Caldwell Street Newberry, North Carolina

**Project No.**  
00.5633.17

**Photo No.**  
1

**Date:**  
2/15/2024

**Direction of Photo:**  
East

**Description:**  
Dill rig



**Photo No.**  
2

**Date:**  
2/15/2024

**Direction of Photo:**  
North

**Description:**  
Temporary well 1



# PHOTOGRAPHIC LOG



**Client Name:**  
City of Newberry

**Site Location:**  
1327 Caldwell Street Newberry, North Carolina

**Project No.**  
00.5633.17

**Photo No.**  
3

**Date:**  
2/15/2024

**Direction of Photo:**  
Southwest

**Description:**  
Temporary well 4



**Photo No.**  
4

**Date:**  
2/15/2024

**Direction of Photo:**  
Northeast

**Description:**  
Temporary well 6



# PHOTOGRAPHIC LOG

**Client Name:**  
City of Newberry

**Site Location:**  
1327 Caldwell Street Newberry, North Carolina

**Project No.**  
00.5633.17

**Photo No.**  
5

**Date:**  
2/15/2024

**Direction of Photo:**  
North

**Description:**  
Soil boring 3



**Photo No.**  
6

**Date:**  
2/15/2024

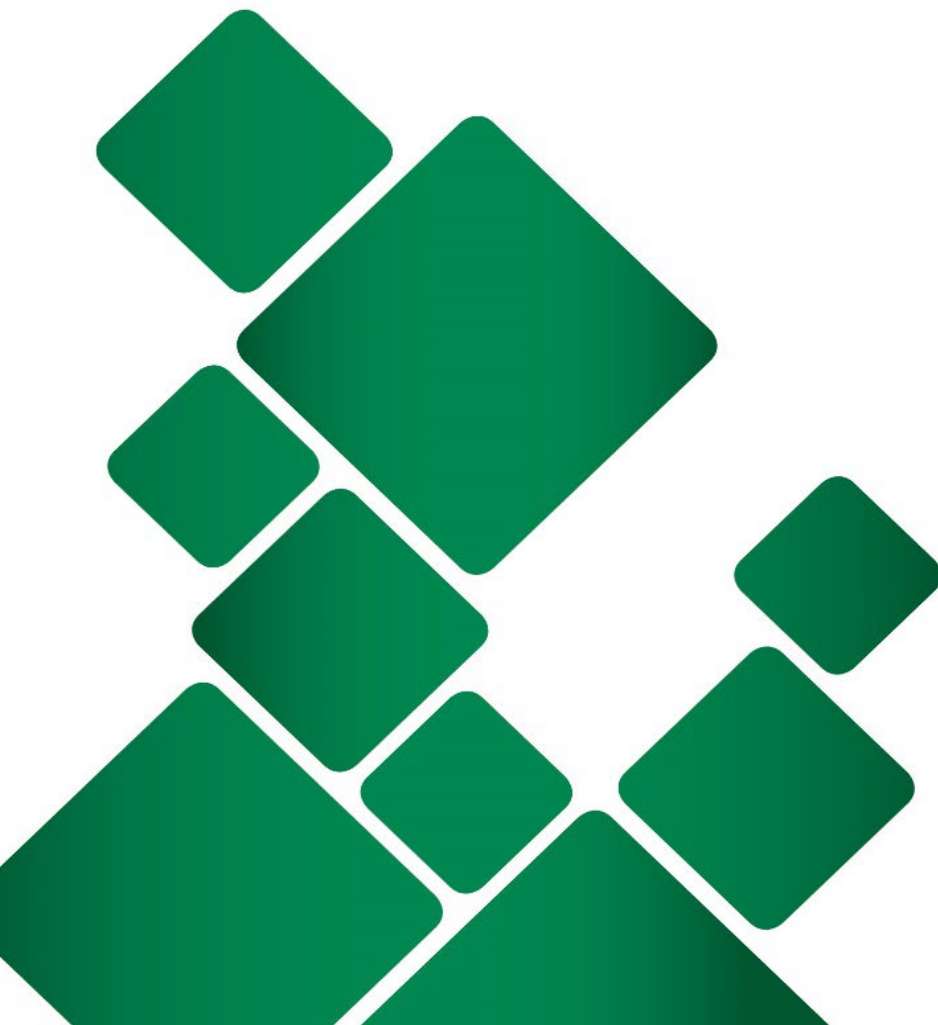
**Direction of Photo:**  
South

**Description:**  
Soil boring 4



## **APPENDIX D**

### **SAMPLE CHAIN-OF-CUSTODY RECORD**





DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville  Eden  Greenwood  Huntersville  Raleigh  Mechanicsville  Atlanta  Kernersville

Sample Condition Upon Receipt

Client Name:

Project #:

WO#: 92714033



Courier:  Fed. Ex  UPS  USPS  Client  Commercial  Pace  Other:

Custody Seal Present?  Yes  No Seals Intact?  Yes  No  N/A

Date/Initials Person Examining Contents: YDL  
2 16 24

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Biological Tissue Frozen?  Yes  No  N/A

Thermometer:

IR Gun ID: 937082 Type of Ice:  Wet  Blue  None

Cooler Temp: 5.8 Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 5.8

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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Last soil containers filled w/ water</u>
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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: \_\_\_\_\_



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

\*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 bottles

\*\*\*Check all unpreserved Nitrates for chlorine

Project #

**WO# : 92714033**

PM: BV

Due Date: 03/04/24

CLIENT: 92-SYNTERRA

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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6	/	/	/	/	/	/	/	/	2 (water)	/	/	/	/	/	/	/	/	/	/	/	/	(water)	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: **SynTerra**  
Street Address: **148 River St, Greenville, SC 29601**  
Contact/Report To: **Evan Hamo**  
Phone #: **(919)376-7913**  
E-Mail: **ehamo@synterracorp.com**  
Cc E-Mail: **dcrowell@synterracorp.com**  
Invoice To: **Evan Hamo**  
Invoice E-Mail: **ehamo@synterracorp.com**

Project Name: **1327 Caldwell Street**  
Site Collection Info/Facility ID (as applicable):  
Purchase Order # (if applicable):  
Quote #: **00151051**  
County / State origin of sample(s): **South Carolina**

Time Zone Collected:  AK  PT  MT  CT  ET  
Data Deliverables:  
 Level II  Level III  Level IV  
 EQUIS  
 Other:  
Regulatory Program (DW, RCHA, etc.) as applicable:  
Rush (Pre-approval required):  2 Day  3 day  5 day  Other:  
Date Results Requested:  
Field Filtered (if applicable):  Yes  No  
Analysis:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res. C2	Number & Type of Containers	Plastic	Glass	SVOCs 8270	TAL Metals 6010/7471	VOCs 8260	PCB
			Date	Time	Date	Time								
SB-1 (19')	S	G	2-15-24	19:28				1	5					
SB-2 (16')	S	G	2-15-24	14:04				1	4					
SB-3 (4-8')	S	G	2-15-24	14:33				1	4					
SB-3 Dupl (4-8')	S	G	2-15-24	14:33				1	4					
SB-4 (8-12')	S	G	2-15-24	15:02				1	5					
ERB Soil	W	G	2-15-24	15:13				1	4					

Customer Remarks / Special Conditions / Possible Hazards:  
TAL Metals 6010/7471: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn  
Qn = 00151051

Collected By: **EVAN HAMO**  
Printed Name: **EVAN HAMO**  
Signature: *[Signature]*  
Date/Time: **2/15/24 17:50**  
Received by/Company (Signature): *[Signature]*  
Date/Time: **02/16/24 16:00**  
Received by/Company (Signature): *[Signature]*  
Date/Time: **02/16/24 16:00**  
Received by/Company (Signature): *[Signature]*  
Date/Time: **02/16/24 16:00**

Additional Instructions from Pace:  
# Cables: **2**  
Thermometer ID: **937082**  
Correction Factor (°C): **0**  
Obs. Temp. (°C): **5.8**  
Corrected Temp. (°C):  
Tracking Number:  
Delivered by:  In-Person  Courier  
 FedEx  UPS  Other  
Page: **1** of **2**



Scan QR Code for instructions

Specify Container Size \*\*  
Identify Container Preservative Type \*\*\*  
Analysis Requested

Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL, (7) Encore, (8) Teradure, (9) Other  
Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Acetic Acid, (10) MeOH, (11) Other  
Profil. Mgr: **Bonnie Vang**  
Actnum / Client ID:  
Table #: **17082**  
Profile / Template:  
Prelog / Bottle Ord. ID: **EZ 3036509**  
Sample Comment: **4214033**

Preservation non-conformance identified for sample.



## Sample Receiving Non-Conformance Form (NCF)

<b>Date:</b> 2/16/24	<b>Evaluated by:</b> YCG
<b>Client:</b> SYN Tella	

**Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here**

**1. If Chain-of-Custody (COC) is not received:** contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

**2. If COC is incomplete, check applicable issues below and add details where appropriate:**

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

**Comments/Details/Other Issues not listed above:**

**3. Sample integrity issues: check applicable issues below and add details where appropriate:**

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	<input checked="" type="checkbox"/> Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

**Comments/Details:** Soil containers filled with water as (EB Soil 2/15/24 15:13)

**4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:**

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

**5. Client Contact: If client is contacted for any issue listed above, fill in details below:**

Client:	Contacted per:	
PM Initials:	Date/Time:	

**Client Comments/Instructions:**



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville  Eden  Greenwood  Huntersville  Raleigh  Mechanicsville  Atlanta  Kernersville

Sample Condition Upon Receipt

Client Name:

Syn Terra

Project #:

WO#: 92714034



Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other:

Custody Seal Present?  Yes  No Seals Intact?  Yes  No  N/A

Date/Initials Person Examining Contents: Ydy 2/6/24

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Biological Tissue Frozen?

Yes  No  N/A

Thermometer:

IR Gun ID: 935082 Type of Ice:  Wet  Blue  None

Cooler Temp: 4.1 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.1

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



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

**WO# : 92714034**

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

Project #

PM: BV

Due Date: 03/04/24

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

CLIENT: 92-SYNTERRA

\*\*Bottom half of box is to list number of bottles

\*\*\*Check all unpreserved Nitrates for chlorine

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	/
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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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-custody is a LEGAL DOCUMENT - Complete all relevant fields

**Company Name:** Synterra  
**Street Address:** 148 River St, Greenville, SC 29601  
**Customer Project #:**  
**Project Name:** 1327 Caldwell Street  
**Site Collection Info/Facility ID (as applicable):**

**Contact/Report To:** Evan Harro  
**Phone #:** (919) 376-7913  
**E-Mail:** ehanno@synterracorp.com  
**Cc E-Mail:** ehanno@synterracorp.com  
**Invoice To:** Evan Harro  
**Invoice E-Mail:** ehanno@synterracorp.com

**Time Zone Collected:** [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET  
**Data Deliverables:** [ ] Level II [ ] Level III [ ] Level IV  
[ ] Level I  
[ ] EQUS  
[ ] Other

**Regulatory Program (DW, RCRA, etc.) as applicable:**  
**Rush (Pre-approval required):** [ ] 2 Day [ ] 3 day [ ] 5 day [ ] Other  
**Date Results Requested:**  
**Field Filtered (if applicable):** [ ] Yes [ ] No  
**Analysis:**

**Country / State origin of sample(s):** South Carolina  
**Matrix \* (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Biossary (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

**Specify Container Size \*\***  
**Identify Container Preservation Type \*\*\***  
**Analysis Requested**

**Container Size:** (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL, (7) Encore, (8) Tencore, (9) Other  
**Preservative Types:** (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sed. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other  
**Prof. Mgr:** Bonnie Vang  
**Actnum / Client ID:**  
**Table #:**  
**Profile / Template:** 17082  
**Prefix / Bottle Ord. ID:** EZ 3036509

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res. C12	Number & Type of Containers Plastic Glass	SVOCs 8270	TAL Metals 6010/7471	VOCs 8260	Additional Instructions from Pace*	# Cables	Thermometer ID	Correction Factor (°C)	Dry Temp. (°C)	Corrected Temp. (°C)	Tracking Number	Delivered By: [ ] In-Person [ ] Courier	[ ] FedEx [ ] UPS [ ] Other	
			Date	Time	Date	Time															
TW-2	GW	G	2/15/24	9:30				1	5	✓											
TW-1	GW	G	2/15/24	10:15				1	5	✓											
TW-3	GW	G	2/15/24	10:46				1	5	✓											
TW-4	GW	G	2/15/24	11:14				1	5	✓											
<del>TW-6</del> TW-6 Dup	GW	G	2-15-24	12:04				1	5	✓											
TW-5	GW	G	2-15-24	12:14				1	5	✓											
CB	GW	G	2-15-24	13:14				1	5	✓											
CB	GW	G	2-15-24	14:57				1	5	✓											

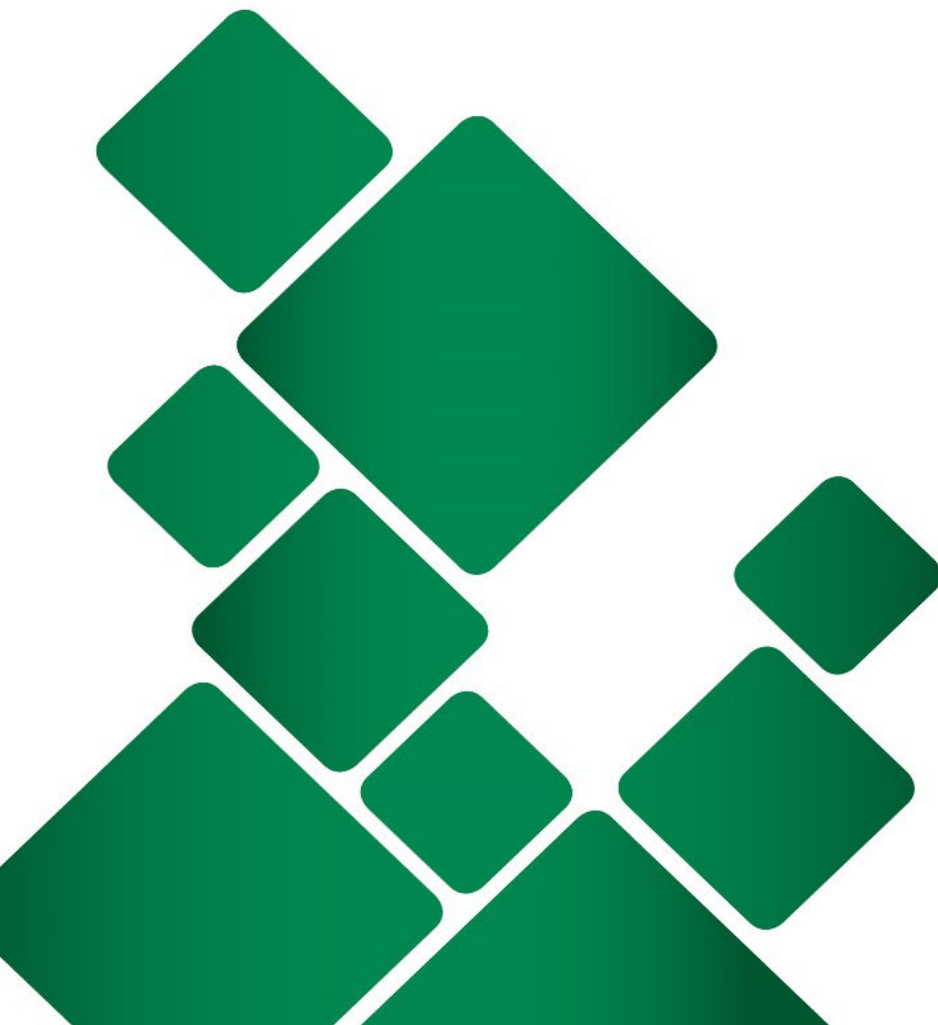
**Customer Remarks / Special Conditions / Possible Hazards:**  
TAL Metals 6010/7471: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn  
QW = 00151051

**Collected By:** EVAN HARRO  
**Printed Name:** EVAN HARRO  
**Signature:**

**Received by/Company (Signature):** *Secure Area*  
**Date/Time:** 2/15/24 1750  
**Received by/Company (Signature):** *Secure Area*  
**Date/Time:** 2/16/24 1600  
**Received by/Company (Signature):** *Secure Area*  
**Date/Time:** 2/16/24 1600  
**Received by/Company (Signature):** *Secure Area*  
**Date/Time:** 2/16/24 1600

# APPENDIX E

## DATA VALIDATION CHECKLIST



## Data Validation Checklist

Facility/Site		State	Location/Sample IDs		
1327 Caldwell Street City of Newberry		SC	SB-1 (12'), SB-2 (16'), SB-3 (4-8'), SB-3 DUP(4-8'), SB-4 (8-12'), EB Soil		
Laboratory Name(s): Pace Analytical Services				Matrix	
Lab Report ID		Sample Date	Sample Receipt Date	Final Report Date	
92714033		2/15/2024	2/16/2024	3/4/2024	
<input checked="" type="checkbox"/> Soil/Sediment <input type="checkbox"/> Ash <input type="checkbox"/> Other					
<b>References:</b> National Functional Guidelines for Organic/Inorganic Superfund Methods Data Review (USEPA 2020) Guidance on Environmental Data Verification and Data Validation (USEPA 2002) Radiochemical Data Verification and Validation (MARLAP Manual Volume I: Chapter 8, 2004)					
Yes	No	N/A	Sample Receipt and Chain of Custody		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>1)</b> Do the sample IDs and laboratory analyses recorded on the Chain of Custody match the sample IDs and analyses listed in the laboratory package?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Do the dates and times of sampling listed on the Chain of Custody match the laboratory report?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>2)</b> Is the sample temperature upon receipt at the laboratory recorded on the Chain of Custody or sample receipt form?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Is the sample temperature upon receipt less than 6 degrees Celsius? If NO, then:		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>i)</b> Was the presence of wet ice noted in the cooler? OR		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>ii)</b> Were the samples collected less than two hours prior to receipt at the lab?		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>3)</b> Was the proper sample preservation used, confirmed, and documented on the Chain of Custody and/or sample receipt form?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>4)</b> Are there any special notes, exceptions, and/or anomalies listed on the Chain of Custody, sample receipt form, or laboratory report?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>5)</b> Was the transfer of custody of the samples properly documented and traceable through signature, date, and time by all persons who relinquished and/or received custody of the samples?		
Yes	No	N/A	Batch Quality Assurance/Quality Control		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>6)</b> Was the <b>holding time</b> for preparation and/or analysis met for each parameter?		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>a)</b> pH: Analyzed immediately ( <b>15 minutes</b> )		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>b)</b> Oxidation-reduction potential (ORP): Analyzed immediately ( <b>15 minutes</b> )		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>c)</b> Total Metals: Analyzed within <b>180 days</b> of collection		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>d)</b> Mercury: Analyzed within <b>28 days</b> of collection		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>e)</b> Hexavalent Chromium: Analyzed within <b>28 days</b> of collection		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>f)</b> Chloride, Fluoride, Sulfate, Bromide (Anions): Analyzed within <b>28 days</b> of collection		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>g)</b> Nitrate/Nitrite: Analyzed within <b>28 days</b> of collection		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>h)</b> Sulfide: Analyzed within <b>7 days</b> of collection		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>i)</b> Radionuclides: Analyzed within <b>6 months</b> of collection		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>j)</b> PCBs: Extracted within <b>14 days</b> of collection, analyzed within <b>40 days</b> of extraction		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>k)</b> Semi-Volatile Organics (SVOCs): Extracted within <b>14 days</b> of collection, analyzed within <b>40 days</b> of extraction		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>l)</b> Volatile Organics (VOCs): Analyzed within <b>14 days</b> of extraction		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>7)</b> Are there any qualifiers assigned by the laboratory and if so, are the qualifier definitions provided?		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>8) Method Blank</b> – Were any parameters detected in the laboratory method blank(s)?		
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>a)</b> If YES, were any target analytes detected in the samples at concentrations less than ten times the method blank concentration?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>9) Laboratory Control Sample (LCS)</b> – Were any parameters flagged by the lab as being outside the limits of control in the associated LCS?		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> If YES, was the parameter recovery less than 50 percent or greater than 150 percent?		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>b)</b> Were the same parameters detected in the samples?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>10) Matrix Spike Sample (MS/MSD)</b> – Did the laboratory provide matrix spike results? If so, then:		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Was the original sample spiked a project sample? If so, then:		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>b)</b> Were any parameters flagged by the lab as being outside the limits of control in the associated matrix spike sample?		

Yes	No	N/A	Batch Quality Assurance/Quality Control (continued)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>11) Laboratory Duplicate Sample</b> – Did the laboratory provide lab duplicate sample results? If so, then:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Was the sample analyzed as a laboratory duplicate a project sample? If so, then:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>b)</b> Were any parameters flagged by the lab as being outside the limits of control in the laboratory duplicate sample?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>12) Field Duplicate Sample</b> – Is the relative percent difference between the parent and field duplicate sample results greater than 35 percent?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>13) Field/Equipment/Trip Blanks</b> – Were any parameters detected in the associated field, equipment, and/or trip blanks?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> If yes, were any target analytes detected in the samples at a concentration less than ten times the Field/Equipment/Trip Blank concentration?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>14)</b> Were initial and continuing calibration blank information within acceptable criteria per the lab report?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>15)</b> Were any reporting limits for non-detect results greater than the screening criteria?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>16) Surrogate Recovery</b> – Did the laboratory provide surrogate recovery results? If so, then:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Were any parameters flagged by the lab as being outside the limits of control in the associated surrogate recoveries?

**Summary**

**Lab Qualifiers:**

- IH** – This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
- 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. (This qualifier is for non-project QC samples.)
- N2** – The lab does not hold NELAP/TNI accreditation for this parameter, but other accreditations/certifications may apply. (Percent Moisture)
- P6** – Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level. (This qualifier is for non-project QC samples.)
- R1** – RPD value was outside control limits. (This qualifier is for non-project QC samples.)
- U** – Indicates the compound was analyzed for, but not detected.
- 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.
- v3** – The continuing calibration verification was below the method acceptance limit. (This qualifier is for non-project QC samples.)

**Validation Qualifiers:**

- R** – Result is unusable. The sample result is rejected due to serious deficiencies in meeting quality control criteria; the analyte may or may not be present in the sample.
- J** – Value is estimated. The result is below the reporting limit or potentially biased based on data validation.
- U** – Analyte was analyzed form but not detected above the minimum detectable concentration (MDC) or method detection limit (MDL).
- B** – Target analyte detected in the method blank an in the sample at a concentration less than 10x the blank concentration.

- Per Pace's Sample Receiving Non-Conformance Form, "soil containers filled with water as (EB Soil)". This is not the correct container for collecting a Soil Equipment Blank.
- The sample container preservations were not documented on the Chain of Custody.
- 3,3'-Dichlorobenzidine LCS % recovery low (L2) for SB-1 (12'), SB-2 (16'), SB-3 (4-8'), SB-3 DUP(4-8'), and SB-4 (8-12'). These results should be considered an estimate (J).
- Total Solids (0.003 %) was detected in the Method Blank; Total Solids was not detected in the samples at concentrations less than 10x the blank concentration.
- The RPD between SB-3(4-8') and SB-3 DUP(4-8') (field duplicate) is greater than 35% for Barium (244/353 mg/kg), Cobalt (29.9/18.4 mg/kg), Manganese (906/501 mg/kg), and Nickel (23.1/11.7 mg/kg). These results should be considered an estimate (J).
- Acetone (86.2 ug/L), 2-Butanone (MEK) (11.7 ug/L), and Methyl-tert-butyl ether (2.0 ug/L) were detected in the Equipment Blank; these analytes were not detected in the samples at concentrations less than 10x the blank concentrations.
- Chloromethane and Dichlorodifluoromethane exceeded secondary source verification criteria high for the initial calibration (IH). These results should be considered an estimate (J).
- The recalculated concentration of the Bromomethane calibration standard did not meet method acceptance criteria (IK). These results should be considered an estimate (J).
- The 2,3,4,6-Tetrachlorophenol, 2,4-Dinitrophenol, 2-Nitrophenol, 4,6-Dinitro-2-methylphenol, bis(2-Ethylhexyl)phthalate, Butylbenzylphthalate, Caprolactam, Chloromethane, Dichlorodifluoromethane, and Di-n-octylphthalate continuing calibration verifications were above the method acceptance limits (v1); the associated results are non-detect.

<b>Review Determination:</b>	<input type="checkbox"/> Usable	<input checked="" type="checkbox"/> Usable with Required Actions	<input type="checkbox"/> Unusable
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<b>Initials/Signatures:</b>	<b>Date:</b>
Data Quality Reviewer	3/20/2024
Technical Lead	04/08/2024

## Data Validation Checklist

Facility/Site		State	Location/Sample IDs			
1327 Caldwell Street City of Newberry		SC	TW-1, TW-2, TW-3, TW-4, TW-5, TW-6, TW-6 DUP, EB			
Laboratory Name(s): Pace Analytical Services					Matrix	
Lab Report ID		Sample Date	Sample Receipt Date	Final Report Date		<input checked="" type="checkbox"/> Groundwater
92714034		2/15/2024	2/16/2024	2/26/2024		<input type="checkbox"/> Surface Water
						<input type="checkbox"/> Other
References: National Functional Guidelines for Organic Superfund Methods Data Review (USEPA 2020) National Functional Guidelines for Inorganic Superfund Methods Data Review (USEPA 2020) Guidance on Environmental Data Verification and Data Validation (USEPA 2002)						
Yes	No	N/A	Sample Receipt and Chain of Custody			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>1)</b> Do the sample IDs and laboratory analyses recorded on the Chain of Custody match the sample IDs and analyses listed in the laboratory package?			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Do the dates and times of sampling listed on the Chain of Custody match the laboratory report?			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>2)</b> Is the sample temperature upon receipt at the laboratory recorded on the Chain of Custody or sample receipt form?			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Is the sample temperature upon receipt less than 6 degrees Celsius? If NO, then:			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>i)</b> Was the presence of wet ice noted in the cooler? OR			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>ii)</b> Were the samples collected less than two hours prior to receipt at the lab?			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>3)</b> Was the proper sample preservation used, confirmed, and documented on the Chain of Custody and/or sample receipt form?			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>4)</b> Are there any special notes, exceptions, and/or anomalies listed on the Chain of Custody, sample receipt form, or laboratory report?			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>5)</b> Was the transfer of custody of the samples properly documented and traceable through signature, date, and time by all persons who relinquished and/or received custody of the samples?			
Yes	No	N/A	Batch Quality Assurance/Quality Control			
			<b>6)</b> Was the <b>holding time</b> for preparation and/or analysis met for each parameter?			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>a)</b> Total Alkalinity, Bicarbonate Alkalinity, and Carbonate Alkalinity: Analyzed within <b>14 days</b> of collection			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>b)</b> Bromide, Chloride, Fluoride, and/or Sulfate (Anions): Analyzed within <b>28 days</b> of collection			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>c)</b> Sulfide: Analyzed within <b>7 days</b> of collection			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>d)</b> Total Organic Carbon (TOC) and/or Nitrate-Nitrite: Analyzed within <b>28 days</b> of collection			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>e)</b> Total Metals and Dissolved Metals: Analyzed within <b>180 days</b> of collection			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>f)</b> Mercury and Dissolved Mercury: Analyzed within <b>28 days</b> of collection (preserved)			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>g)</b> Hexavalent Chromium: Analyzed within <b>24 hours</b> (unpreserved) / <b>28 days</b> (preserved) of collection			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>h)</b> Oil and Grease: Analyzed within <b>28 days</b> of collection			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>i)</b> Volatile Organics (VOCs): Analyzed within <b>14 days</b> of collection			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>j)</b> Semi-Volatile Organics (SVOCs): Extracted within <b>7 days</b> of collection, analyzed within <b>40 days</b> of extraction			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>k)</b> PCBs (Polychlorinated biphenyls): Extracted within <b>7 days</b> of collection, analyzed within <b>40 days</b> of extraction			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>l)</b> Total Phosphorus (TP) and Dissolved Phosphorus: Analyzed within <b>28 days</b> of collection			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>m)</b> Total Suspended Solids (TSS) and/or Total Dissolved Solids (TDS): Analyzed within <b>7 days</b> of collection			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>7)</b> Are there any qualifiers assigned by the laboratory and if so, are the qualifier definitions provided?			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>8) Surrogate Recovery</b> – Did the laboratory provide surrogate recovery results? If so, then:			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Were any parameters flagged by the lab as being outside the limits of control in the associated surrogate recoveries?			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>9) Method Blank</b> – Were any parameters detected in the method blank(s)?			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>a)</b> If YES, were any target analytes detected in the samples at concentrations less than ten times the method blank concentration?			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>10) Laboratory Control Sample (LCS)</b> – Were any parameters flagged by the lab as being outside the limits of control in the associated LCS?			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>a)</b> If YES, was the parameter recovery less than 50 percent or greater than 150 percent?			
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>b)</b> Were the same parameters detected in the samples?			

Yes	No	N/A	Batch Quality Assurance/Quality Control (continued)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>11) Matrix Spike Sample (MS/MSD)</b> – Did the laboratory provide matrix spike results? If so, then:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Was the original sample spiked a project sample? If so, then:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>b)</b> Were any parameters flagged by the lab as being outside the limits of control in the associated matrix spike sample?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>12) Laboratory Duplicate Sample (LCS)</b> – Did the laboratory provide lab duplicate sample results? If so, then:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>a)</b> Was the sample analyzed as a laboratory duplicate a project sample? If so, then:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>b)</b> Were any parameters flagged by the lab as being outside the limits of control in the laboratory duplicate sample?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>13) Field Duplicate Sample</b> – Is the relative percent difference between the parent and field duplicate sample results greater than 35 percent?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>14) Field/Equipment/Trip Blanks</b> – Were any parameters detected in the associated field, equipment, and/or trip blanks?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>a)</b> If yes, were any target analytes detected in the samples at a concentration less than ten times the Field/Equipment/Trip Blank concentration?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>15)</b> Were initial and continuing calibration blank information within acceptable criteria per the lab report?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>16)</b> Were any reporting limits for diluted, non-detect results greater than the screening criteria?
<b>Summary</b>			
<b>Lab Qualifiers:</b>			
<p><b>M1</b> – Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.  <b>R1</b> – RPD value was outside control limits. (This qualifier is for a non-project QC sample.)  <b>U</b> – Indicates the compound was analyzed for, but not detected.  <b>v1</b> – The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.  <b>v2</b> – 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.  <b>v3</b> – The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.</p>			
<b>Validation Qualifiers:</b>			
<p><b>R</b> – Result is unusable. The sample result is rejected due to serious deficiencies in meeting quality control criteria; the analyte may or may not be present in the sample.  <b>J</b> – Value is estimated. The result is below the reporting limit or potentially biased based on data validation.  <b>U</b> – Analyte was analyzed form but not detected above the minimum detectable concentration (MDC) or method detection limit (MDL).</p>			
<ul style="list-style-type: none"> <li>• The sample bottle preservations were not documented on the Chain of Custody.</li> <li>• 1,1,1-Trichloroethane, 1,1,2-Trichlorotrifluoroethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 2-Butanone (MEK), Bromochloromethane, Carbon disulfide, Chloroform, Chloromethane, Trichlorofluoromethane, and Vinyl chloride MS % recoveries high for TW-1 (M1); these analytes were non-detect in this sample.</li> <li>• The RPD between TW-6 and TW-6 DUP (field duplicate) is greater than 100% for Aluminum (5700/ND ug/L), Barium (442/44.5 ug/L), Chromium (131/ND ug/L), Copper (55.4/ND ug/L), Iron (21700/972 ug/L), Lead (18.3/ND ug/L), and Nickel (40.0/ND ug/L). These results are unusable (R).</li> <li>• The RPD between TW-6 and TW-6 DUP (field duplicate) is greater than 35% for Cobalt (15.3/ND ug/L) and Potassium (5590/3530 ug/L). These results should be considered an estimate (J).</li> <li>• The 1,1,2-Trichlorotrifluoroethane, Chloroethane, Methylcyclohexane, Trichlorofluoromethane, Vinyl chloride, 2,4-Dinitrophenol, 2-Nitrophenol, 4,6-Dinitro-2-methylphenol, and Pyrene continuing calibration verifications were above the method acceptance limits (v1); the associated sample results were non-detect.</li> <li>• The Bromomethane continuing calibration verification was below the method acceptance limit for TW-3 and EB (v2); the analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard. These results should be considered an estimate (J).</li> <li>• The Bromomethane continuing calibration verification was below the method acceptance limit FOR TW-1 (v3); any detection for the analyte in the associated samples may have a low bias. These results should be considered an estimate (J).</li> </ul>			
<b>Review Determination:</b>			
<input type="checkbox"/> Usable		<input checked="" type="checkbox"/> Usable with Required Actions	
<input type="checkbox"/> Unusable			
<b>Initials/Signatures:</b>		<b>Date:</b>	
Data Quality Reviewer	REB	3/20/2024	
Technical Lead	HJF	04/08/2024	

## **APPENDIX F**

### **ANALYTICAL DATA REPORT – SOIL AND GROUNDWATER**





March 04, 2024

Dawn F. Crowell  
Synterra  
5015 W W.T. Harris Blvd.  
Suite C  
Charlotte, NC 28269

RE: Project: 1327 Caldwell Street  
Pace Project No.: 92714033

Dear Dawn Crowell:

Enclosed are the analytical results for sample(s) received by the laboratory on February 16, 2024. 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 - Charlotte

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

Sincerely,

Bonnie Vang  
bonnie.vang@pacelabs.com  
704-977-0968  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.



### CERTIFICATIONS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

#### 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

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

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

South Carolina Laboratory ID: 99006

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Laboratory ID: 99006

South Carolina Certification #: 99006001

South Carolina Drinking Water Cert. #: 99006003

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Louisiana DoH Drinking Water #: LA029

Virginia/VELAP Certification #: 460221

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92714033001	SB-1 (12')	EPA 8082A	BAJ	8	PASI-C
		EPA 6010D	DJS	22	PAN
		EPA 6010D	JTM	22	PAN
		EPA 7470A	AKB	1	PAN
		EPA 7471B	LAS	1	PAN
		EPA 8270E	SEM	73	PASI-C
		EPA 8260D	SAS	55	PASI-C
		SW-846	CHC	1	PASI-C
		SM 2540G	CMB	1	PAN
92714033002	SB-2 (16')	EPA 6010D	JTM	22	PAN
		EPA 7471B	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	SAS	55	PASI-C
		SW-846	CHC	1	PASI-C
		SM 2540G	CMB	1	PAN
92714033003	SB-3 (4-8')	EPA 6010D	JTM	22	PAN
		EPA 7471B	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	SAS	55	PASI-C
		SW-846	CHC	1	PASI-C
		SM 2540G	CMB	1	PAN
92714033004	SB-3 DUP(4-8')	EPA 6010D	JTM	22	PAN
		EPA 7471B	LAS	1	PAN
		EPA 8270E	SEM	73	PASI-C
		EPA 8260D	SAS	55	PASI-C
		SW-846	CHC	1	PASI-C
		SM 2540G	CMB	1	PAN
92714033005	SB-4 (8-12')	EPA 8082A	BAJ	8	PASI-C
		EPA 6010D	JTM	22	PAN
		EPA 7471B	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	SAS	55	PASI-C
		SW-846	CHC	1	PASI-C
92714033006	EB Soil	SM 2540G	CMB	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C

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### SAMPLE ANALYTE COUNT

Project: 1327 Caldwell Street  
Pace Project No.: 92714033

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Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
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PAN = Pace National - Mt. Juliet  
PASI-C = Pace Analytical Services - Charlotte

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-1 (12') Lab ID: 92714033001 Collected: 02/15/24 13:28 Received: 02/16/24 16:00 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
<b>8082 GCS PCB</b>								
Analytical Method: EPA 8082A Preparation Method: EPA 3546								
Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	43.5	1	02/21/24 15:47	02/22/24 15:14	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	43.5	1	02/21/24 15:47	02/22/24 15:14	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	43.5	1	02/21/24 15:47	02/22/24 15:14	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	43.5	1	02/21/24 15:47	02/22/24 15:14	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	43.5	1	02/21/24 15:47	02/22/24 15:14	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	43.5	1	02/21/24 15:47	02/22/24 15:14	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	43.5	1	02/21/24 15:47	02/22/24 15:14	11096-82-5	
<b>Surrogates</b>								
Decachlorobiphenyl (S)	40	%	10-174	1	02/21/24 15:47	02/22/24 15:14	2051-24-3	
<b>Metals (ICP) 6010D</b>								
Analytical Method: EPA 6010D Preparation Method: 3015								
Pace National - Mt. Juliet								
Aluminum	ND	ug/L	200	1	02/25/24 11:22	02/25/24 16:52	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7440-38-2	
Barium	ND	ug/L	5.00	1	02/25/24 11:22	02/25/24 16:52	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/25/24 11:22	02/25/24 16:52	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/25/24 11:22	02/25/24 16:52	7440-43-9	
Calcium	ND	ug/L	1000	1	02/25/24 11:22	02/25/24 16:52	7440-70-2	
Chromium	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7440-47-3	
Cobalt	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7440-48-4	
Copper	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7440-50-8	
Iron	ND	ug/L	100	1	02/25/24 11:22	02/25/24 16:52	7439-89-6	
Lead	ND	ug/L	6.00	1	02/25/24 11:22	02/25/24 16:52	7439-92-1	
Magnesium	ND	ug/L	1000	1	02/25/24 11:22	02/25/24 16:52	7439-95-4	
Manganese	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7439-96-5	
Nickel	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7440-02-0	
Potassium	ND	ug/L	2000	1	02/25/24 11:22	02/25/24 16:52	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7782-49-2	
Silver	ND	ug/L	5.00	1	02/25/24 11:22	02/25/24 16:52	7440-22-4	
Sodium	ND	ug/L	3000	1	02/25/24 11:22	02/25/24 16:52	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/25/24 11:22	02/25/24 16:52	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/25/24 11:22	02/25/24 16:52	7440-62-2	
Zinc	ND	ug/L	50.0	1	02/25/24 11:22	02/25/24 16:52	7440-66-6	

**Metals (ICP) 6010D**

Analytical Method: EPA 6010D Preparation Method: 3050B

Pace National - Mt. Juliet

Aluminum	<b>33800</b>	mg/kg	13.0	1	02/21/24 15:03	02/22/24 15:23	7429-90-5	
Antimony	<b>39.6</b>	mg/kg	2.60	1	02/21/24 15:03	02/22/24 15:23	7440-36-0	
Arsenic	ND	mg/kg	2.60	1	02/21/24 15:03	02/22/24 15:23	7440-38-2	
Barium	<b>449</b>	mg/kg	0.649	1	02/21/24 15:03	02/22/24 15:23	7440-39-3	
Beryllium	<b>0.862</b>	mg/kg	0.260	1	02/21/24 15:03	02/22/24 15:23	7440-41-7	
Cadmium	ND	mg/kg	0.649	1	02/21/24 15:03	02/22/24 15:23	7440-43-9	
Calcium	<b>1220</b>	mg/kg	130	1	02/21/24 15:03	02/22/24 15:23	7440-70-2	
Chromium	<b>66.4</b>	mg/kg	1.30	1	02/21/24 15:03	02/22/24 15:23	7440-47-3	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-1 (12') Lab ID: 92714033001 Collected: 02/15/24 13:28 Received: 02/16/24 16:00 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
<b>Metals (ICP) 6010D</b>		Analytical Method: EPA 6010D Preparation Method: 3050B Pace National - Mt. Juliet						
Cobalt	31.9	mg/kg	1.30	1	02/21/24 15:03	02/22/24 15:23	7440-48-4	
Copper	48.8	mg/kg	2.60	1	02/21/24 15:03	02/22/24 15:23	7440-50-8	
Iron	49600	mg/kg	13.0	1	02/21/24 15:03	02/22/24 15:23	7439-89-6	
Lead	14.6	mg/kg	0.649	1	02/21/24 15:03	02/22/24 15:23	7439-92-1	
Magnesium	15900	mg/kg	130	1	02/21/24 15:03	02/22/24 15:23	7439-95-4	
Manganese	1010	mg/kg	1.30	1	02/21/24 15:03	02/22/24 15:23	7439-96-5	
Nickel	24.6	mg/kg	2.60	1	02/21/24 15:03	02/22/24 15:23	7440-02-0	
Potassium	15700	mg/kg	130	1	02/21/24 15:03	02/22/24 15:23	7440-09-7	
Selenium	ND	mg/kg	2.60	1	02/21/24 15:03	02/22/24 15:23	7782-49-2	
Silver	ND	mg/kg	1.30	1	02/21/24 15:03	02/22/24 15:23	7440-22-4	
Sodium	188	mg/kg	130	1	02/21/24 15:03	02/22/24 15:23	7440-23-5	
Thallium	ND	mg/kg	2.60	1	02/21/24 15:03	02/22/24 15:23	7440-28-0	
Vanadium	134	mg/kg	2.60	1	02/21/24 15:03	02/22/24 15:23	7440-62-2	
Zinc	101	mg/kg	6.49	1	02/21/24 15:03	02/22/24 15:23	7440-66-6	
<b>Mercury 7470A</b>		Analytical Method: EPA 7470A Preparation Method: 7470A Pace National - Mt. Juliet						
Mercury	ND	ug/L	0.200	1	02/24/24 16:12	02/27/24 18:23	7439-97-6	
<b>Mercury 7471B</b>		Analytical Method: EPA 7471B Preparation Method: 7471A Pace National - Mt. Juliet						
Mercury	ND	mg/kg	0.0520	1	02/21/24 08:58	02/22/24 08:47	7439-97-6	
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	83-32-9	
Acenaphthylene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	208-96-8	
Acetophenone	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	98-86-2	
Anthracene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	120-12-7	
Atrazine	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	1912-24-9	
Benzaldehyde	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	100-52-7	
Benzo(a)anthracene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	56-55-3	
Benzo(a)pyrene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	207-08-9	
Biphenyl (Diphenyl)	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	92-52-4	
4-Bromophenylphenyl ether	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	85-68-7	
Caprolactam	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	105-60-2	
Carbazole	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	869	1	02/28/24 17:26	03/01/24 08:07	59-50-7	
4-Chloroaniline	ND	ug/kg	869	1	02/28/24 17:26	03/01/24 08:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	111-91-1	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-1 (12') Lab ID: 92714033001 Collected: 02/15/24 13:28 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
bis(2-Chloroethyl) ether	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	111-44-4	
2-Chloronaphthalene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	91-58-7	
2-Chlorophenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	7005-72-3	
Chrysene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	53-70-3	
Dibenzofuran	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	869	1	02/28/24 17:26	03/01/24 08:07	91-94-1	L2
2,4-Dichlorophenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	120-83-2	
Diethylphthalate	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	105-67-9	
Dimethylphthalate	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	869	1	02/28/24 17:26	03/01/24 08:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2170	1	02/28/24 17:26	03/01/24 08:07	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	117-81-7	
Fluoranthene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	206-44-0	
Fluorene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	87-68-3	
Hexachlorobenzene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	77-47-4	
Hexachloroethane	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	193-39-5	
Isophorone	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	78-59-1	
2-Methylnaphthalene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	15831-10-4	
Naphthalene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	91-20-3	
2-Nitroaniline	ND	ug/kg	2170	1	02/28/24 17:26	03/01/24 08:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2170	1	02/28/24 17:26	03/01/24 08:07	99-09-2	
4-Nitroaniline	ND	ug/kg	869	1	02/28/24 17:26	03/01/24 08:07	100-01-6	
Nitrobenzene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	98-95-3	
2-Nitrophenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2170	1	02/28/24 17:26	03/01/24 08:07	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	108-60-1	
Pentachlorophenol	ND	ug/kg	869	1	02/28/24 17:26	03/01/24 08:07	87-86-5	
Phenanthrene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	85-01-8	
Phenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	108-95-2	
Pyrene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	95-94-3	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-1 (12') Lab ID: 92714033001 Collected: 02/15/24 13:28 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>								
Analytical Method: EPA 8270E Preparation Method: EPA 3546								
Pace Analytical Services - Charlotte								
2,3,4,6-Tetrachlorophenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	58-90-2	
2,4,5-Trichlorophenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	435	1	02/28/24 17:26	03/01/24 08:07	88-06-2	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	30	%	10-130	1	02/28/24 17:26	03/01/24 08:07	321-60-8	
Terphenyl-d14 (S)	26	%	10-130	1	02/28/24 17:26	03/01/24 08:07	1718-51-0	
Phenol-d6 (S)	35	%	10-130	1	02/28/24 17:26	03/01/24 08:07	13127-88-3	
2-Fluorophenol (S)	37	%	10-130	1	02/28/24 17:26	03/01/24 08:07	367-12-4	
2,4,6-Tribromophenol (S)	36	%	10-130	1	02/28/24 17:26	03/01/24 08:07	118-79-6	
Nitrobenzene-d5 (S)	35	%	10-130	1	02/28/24 17:26	03/01/24 08:07	4165-60-0	
<b>8260D/5035A/5030B SC Volatiles</b>								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	149	1	02/19/24 23:19	02/20/24 08:20	67-64-1	
Benzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	71-43-2	
Bromochloromethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	74-97-5	
Bromodichloromethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	75-27-4	
Bromoform	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	75-25-2	
Bromomethane	ND	ug/kg	29.9	1	02/19/24 23:19	02/20/24 08:20	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	149	1	02/19/24 23:19	02/20/24 08:20	78-93-3	
Carbon disulfide	ND	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	56-23-5	
Chlorobenzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	108-90-7	
Chloroethane	ND	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	75-00-3	
Chloroform	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	67-66-3	
Chloromethane	ND	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	74-87-3	IH,v1
Cyclohexane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	96-12-8	
Dibromochloromethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	224	1	02/19/24 23:19	02/20/24 08:20	123-91-1	
Ethylbenzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	100-41-4	
2-Hexanone	ND	ug/kg	74.7	1	02/19/24 23:19	02/20/24 08:20	591-78-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-1 (12') Lab ID: 92714033001 Collected: 02/15/24 13:28 Received: 02/16/24 16:00 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
<b>8260D/5035A/5030B SC Volatiles</b>		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
Isopropylbenzene (Cumene)	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	98-82-8	
Methyl acetate	ND	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	79-20-9	
Methylcyclohexane	118	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	108-87-2	
Methylene Chloride	ND	ug/kg	29.9	1	02/19/24 23:19	02/20/24 08:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	74.7	1	02/19/24 23:19	02/20/24 08:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	1634-04-4	
Styrene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	79-34-5	
Tetrachloroethene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	127-18-4	
Toluene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	79-00-5	
Trichloroethene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	76-13-1	
Vinyl chloride	ND	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	75-01-4	
m&p-Xylene	ND	ug/kg	14.9	1	02/19/24 23:19	02/20/24 08:20	179601-23-1	
o-Xylene	ND	ug/kg	7.5	1	02/19/24 23:19	02/20/24 08:20	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	100	%	70-130	1	02/19/24 23:19	02/20/24 08:20	2037-26-5	
4-Bromofluorobenzene (S)	105	%	70-130	1	02/19/24 23:19	02/20/24 08:20	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1	02/19/24 23:19	02/20/24 08:20	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: SW-846 Pace Analytical Services - Charlotte						
Percent Moisture	23.1	%	0.10	1		02/19/24 13:15		N2
<b>Total Solids 2540 G-2011</b>		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	77.0	%		1	02/21/24 12:50	02/21/24 13:01		

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-2 (16') Lab ID: 92714033002 Collected: 02/15/24 14:09 Received: 02/16/24 16:00 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
<b>Metals (ICP) 6010D</b>		Analytical Method: EPA 6010D Preparation Method: 3050B Pace National - Mt. Juliet						
Aluminum	19300	mg/kg	13.4	1	02/21/24 15:03	02/22/24 15:26	7429-90-5	
Antimony	19.8	mg/kg	2.68	1	02/21/24 15:03	02/22/24 15:26	7440-36-0	
Arsenic	ND	mg/kg	2.68	1	02/21/24 15:03	02/22/24 15:26	7440-38-2	
Barium	181	mg/kg	0.669	1	02/21/24 15:03	02/22/24 15:26	7440-39-3	
Beryllium	1.07	mg/kg	0.268	1	02/21/24 15:03	02/22/24 15:26	7440-41-7	
Cadmium	ND	mg/kg	0.669	1	02/21/24 15:03	02/22/24 15:26	7440-43-9	
Calcium	2310	mg/kg	134	1	02/21/24 15:03	02/22/24 15:26	7440-70-2	
Chromium	8.63	mg/kg	1.34	1	02/21/24 15:03	02/22/24 15:26	7440-47-3	
Cobalt	27.5	mg/kg	1.34	1	02/21/24 15:03	02/22/24 15:26	7440-48-4	
Copper	40.8	mg/kg	2.68	1	02/21/24 15:03	02/22/24 15:26	7440-50-8	
Iron	34400	mg/kg	13.4	1	02/21/24 15:03	02/22/24 15:26	7439-89-6	
Lead	10.1	mg/kg	0.669	1	02/21/24 15:03	02/22/24 15:26	7439-92-1	
Magnesium	4170	mg/kg	134	1	02/21/24 15:03	02/22/24 15:26	7439-95-4	
Manganese	742	mg/kg	1.34	1	02/21/24 15:03	02/22/24 15:26	7439-96-5	
Nickel	6.96	mg/kg	2.68	1	02/21/24 15:03	02/22/24 15:26	7440-02-0	
Potassium	2530	mg/kg	134	1	02/21/24 15:03	02/22/24 15:26	7440-09-7	
Selenium	ND	mg/kg	2.68	1	02/21/24 15:03	02/22/24 15:26	7782-49-2	
Silver	ND	mg/kg	1.34	1	02/21/24 15:03	02/22/24 15:26	7440-22-4	
Sodium	142	mg/kg	134	1	02/21/24 15:03	02/22/24 15:26	7440-23-5	
Thallium	ND	mg/kg	2.68	1	02/21/24 15:03	02/22/24 15:26	7440-28-0	
Vanadium	117	mg/kg	2.68	1	02/21/24 15:03	02/22/24 15:26	7440-62-2	
Zinc	40.1	mg/kg	6.69	1	02/21/24 15:03	02/22/24 15:26	7440-66-6	
<b>Mercury 7471B</b>		Analytical Method: EPA 7471B Preparation Method: 7471A Pace National - Mt. Juliet						
Mercury	ND	mg/kg	0.0535	1	02/21/24 08:58	02/22/24 08:50	7439-97-6	
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	83-32-9	
Acenaphthylene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	208-96-8	
Acetophenone	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	98-86-2	
Anthracene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	120-12-7	
Atrazine	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	1912-24-9	
Benzaldehyde	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	100-52-7	
Benzo(a)anthracene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	207-08-9	
Biphenyl (Diphenyl)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	92-52-4	
4-Bromophenylphenyl ether	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	101-55-3	
Butylbenzylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	85-68-7	
Caprolactam	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	105-60-2	
Carbazole	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-2 (16') Lab ID: 92714033002 Collected: 02/15/24 14:09 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 07:04	59-50-7	
4-Chloroaniline	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 07:04	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	111-44-4	
2-Chloronaphthalene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	91-58-7	
2-Chlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	7005-72-3	
Chrysene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	53-70-3	
Dibenzofuran	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 07:04	91-94-1	L2
2,4-Dichlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	120-83-2	
Diethylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	105-67-9	
Dimethylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	131-11-3	
Di-n-butylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 07:04	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 07:04	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	606-20-2	
Di-n-octylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	117-81-7	
Fluoranthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	206-44-0	
Fluorene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	87-68-3	
Hexachlorobenzene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	77-47-4	
Hexachloroethane	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	193-39-5	
Isophorone	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	78-59-1	
2-Methylnaphthalene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	15831-10-4	
Naphthalene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	91-20-3	
2-Nitroaniline	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 07:04	88-74-4	
3-Nitroaniline	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 07:04	99-09-2	
4-Nitroaniline	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 07:04	100-01-6	
Nitrobenzene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	98-95-3	
2-Nitrophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	88-75-5	
4-Nitrophenol	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 07:04	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	108-60-1	
Pentachlorophenol	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 07:04	87-86-5	
Phenanthrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	85-01-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-2 (16') Lab ID: 92714033002 Collected: 02/15/24 14:09 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>								
Analytical Method: EPA 8270E Preparation Method: EPA 3546								
Pace Analytical Services - Charlotte								
Phenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	108-95-2	
Pyrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	58-90-2	
2,4,5-Trichlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 07:04	88-06-2	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	55	%	10-130	1	02/28/24 17:26	03/02/24 07:04	321-60-8	
Terphenyl-d14 (S)	51	%	10-130	1	02/28/24 17:26	03/02/24 07:04	1718-51-0	
Phenol-d6 (S)	54	%	10-130	1	02/28/24 17:26	03/02/24 07:04	13127-88-3	
2-Fluorophenol (S)	54	%	10-130	1	02/28/24 17:26	03/02/24 07:04	367-12-4	
2,4,6-Tribromophenol (S)	53	%	10-130	1	02/28/24 17:26	03/02/24 07:04	118-79-6	
Nitrobenzene-d5 (S)	60	%	10-130	1	02/28/24 17:26	03/02/24 07:04	4165-60-0	
<b>8260D/5035A/5030B SC Volatiles</b>								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	128	1	02/19/24 23:19	02/20/24 08:37	67-64-1	
Benzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	71-43-2	
Bromochloromethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	75-27-4	
Bromoform	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	75-25-2	
Bromomethane	ND	ug/kg	25.6	1	02/19/24 23:19	02/20/24 08:37	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	128	1	02/19/24 23:19	02/20/24 08:37	78-93-3	
Carbon disulfide	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	108-90-7	
Chloroethane	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	75-00-3	
Chloroform	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	67-66-3	
Chloromethane	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	74-87-3	IH,v1
Cyclohexane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	10061-02-6	

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-2 (16') Lab ID: 92714033002 Collected: 02/15/24 14:09 Received: 02/16/24 16:00 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
<b>8260D/5035A/5030B SC Volatiles</b>		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
1,4-Dioxane (p-Dioxane)	ND	ug/kg	192	1	02/19/24 23:19	02/20/24 08:37	123-91-1	
Ethylbenzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	100-41-4	
2-Hexanone	ND	ug/kg	64.1	1	02/19/24 23:19	02/20/24 08:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	98-82-8	
Methyl acetate	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	79-20-9	
Methylcyclohexane	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	108-87-2	
Methylene Chloride	ND	ug/kg	25.6	1	02/19/24 23:19	02/20/24 08:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.1	1	02/19/24 23:19	02/20/24 08:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	1634-04-4	
Styrene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	127-18-4	
Toluene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	79-00-5	
Trichloroethene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	76-13-1	
Vinyl chloride	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	75-01-4	
m&p-Xylene	ND	ug/kg	12.8	1	02/19/24 23:19	02/20/24 08:37	179601-23-1	
o-Xylene	ND	ug/kg	6.4	1	02/19/24 23:19	02/20/24 08:37	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	99	%	70-130	1	02/19/24 23:19	02/20/24 08:37	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1	02/19/24 23:19	02/20/24 08:37	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1	02/19/24 23:19	02/20/24 08:37	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: SW-846 Pace Analytical Services - Charlotte						
Percent Moisture	20.1	%	0.10	1		02/19/24 13:16		N2
<b>Total Solids 2540 G-2011</b>		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	74.7	%		1	02/21/24 12:50	02/21/24 13:01		

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-3 (4-8') Lab ID: 92714033003 Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>Metals (ICP) 6010D</b>		Analytical Method: EPA 6010D Preparation Method: 3050B Pace National - Mt. Juliet						
Aluminum	22700	mg/kg	12.2	1	02/21/24 15:03	02/22/24 15:35	7429-90-5	
Antimony	20.0	mg/kg	2.43	1	02/21/24 15:03	02/22/24 15:35	7440-36-0	
Arsenic	ND	mg/kg	2.43	1	02/21/24 15:03	02/22/24 15:35	7440-38-2	
Barium	244	mg/kg	0.608	1	02/21/24 15:03	02/22/24 15:35	7440-39-3	
Beryllium	0.742	mg/kg	0.243	1	02/21/24 15:03	02/22/24 15:35	7440-41-7	
Cadmium	ND	mg/kg	0.608	1	02/21/24 15:03	02/22/24 15:35	7440-43-9	
Calcium	4400	mg/kg	122	1	02/21/24 15:03	02/22/24 15:35	7440-70-2	
Chromium	29.2	mg/kg	1.22	1	02/21/24 15:03	02/22/24 15:35	7440-47-3	
Cobalt	29.9	mg/kg	1.22	1	02/21/24 15:03	02/22/24 15:35	7440-48-4	
Copper	48.1	mg/kg	2.43	1	02/21/24 15:03	02/22/24 15:35	7440-50-8	
Iron	31400	mg/kg	12.2	1	02/21/24 15:03	02/22/24 15:35	7439-89-6	
Lead	12.1	mg/kg	0.608	1	02/21/24 15:03	02/22/24 15:35	7439-92-1	
Magnesium	4780	mg/kg	122	1	02/21/24 15:03	02/22/24 15:35	7439-95-4	
Manganese	906	mg/kg	1.22	1	02/21/24 15:03	02/22/24 15:35	7439-96-5	
Nickel	23.1	mg/kg	2.43	1	02/21/24 15:03	02/22/24 15:35	7440-02-0	
Potassium	4530	mg/kg	122	1	02/21/24 15:03	02/22/24 15:35	7440-09-7	
Selenium	ND	mg/kg	2.43	1	02/21/24 15:03	02/22/24 15:35	7782-49-2	
Silver	ND	mg/kg	1.22	1	02/21/24 15:03	02/22/24 15:35	7440-22-4	
Sodium	ND	mg/kg	122	1	02/21/24 15:03	02/22/24 15:35	7440-23-5	
Thallium	ND	mg/kg	2.43	1	02/21/24 15:03	02/22/24 15:35	7440-28-0	
Vanadium	102	mg/kg	2.43	1	02/21/24 15:03	02/22/24 15:35	7440-62-2	
Zinc	52.5	mg/kg	6.08	1	02/21/24 15:03	02/22/24 15:35	7440-66-6	

**Mercury 7471B**

Analytical Method: EPA 7471B Preparation Method: 7471A

Pace National - Mt. Juliet

Mercury	ND	mg/kg	0.0487	1	02/21/24 08:58	02/22/24 08:52	7439-97-6	
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**8270E MSSV Microwave**

Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	83-32-9	
Acenaphthylene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	208-96-8	
Acetophenone	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	98-86-2	
Anthracene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	120-12-7	
Atrazine	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	1912-24-9	
Benzaldehyde	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	100-52-7	
Benzo(a)anthracene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	56-55-3	
Benzo(a)pyrene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	207-08-9	
Biphenyl (Diphenyl)	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	92-52-4	
4-Bromophenylphenyl ether	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	101-55-3	
Butylbenzylphthalate	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	85-68-7	
Caprolactam	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	105-60-2	
Carbazole	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-3 (4-8') Lab ID: 92714033003 Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/kg	842	1	02/28/24 17:26	03/02/24 07:54	59-50-7	
4-Chloroaniline	ND	ug/kg	842	1	02/28/24 17:26	03/02/24 07:54	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	111-44-4	
2-Chloronaphthalene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	91-58-7	
2-Chlorophenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	7005-72-3	
Chrysene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	53-70-3	
Dibenzofuran	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	842	1	02/28/24 17:26	03/02/24 07:54	91-94-1	L2
2,4-Dichlorophenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	120-83-2	
Diethylphthalate	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	105-67-9	
Dimethylphthalate	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	131-11-3	
Di-n-butylphthalate	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	842	1	02/28/24 17:26	03/02/24 07:54	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1	02/28/24 17:26	03/02/24 07:54	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	606-20-2	
Di-n-octylphthalate	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	117-81-7	
Fluoranthene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	206-44-0	
Fluorene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	87-68-3	
Hexachlorobenzene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	77-47-4	
Hexachloroethane	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	193-39-5	
Isophorone	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	78-59-1	
2-Methylnaphthalene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	15831-10-4	
Naphthalene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	91-20-3	
2-Nitroaniline	ND	ug/kg	2100	1	02/28/24 17:26	03/02/24 07:54	88-74-4	
3-Nitroaniline	ND	ug/kg	2100	1	02/28/24 17:26	03/02/24 07:54	99-09-2	
4-Nitroaniline	ND	ug/kg	842	1	02/28/24 17:26	03/02/24 07:54	100-01-6	
Nitrobenzene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	98-95-3	
2-Nitrophenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	1	02/28/24 17:26	03/02/24 07:54	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	108-60-1	
Pentachlorophenol	ND	ug/kg	842	1	02/28/24 17:26	03/02/24 07:54	87-86-5	
Phenanthrene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	85-01-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-3 (4-8') Lab ID: 92714033003 Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>								
Analytical Method: EPA 8270E Preparation Method: EPA 3546								
Pace Analytical Services - Charlotte								
Phenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	108-95-2	
Pyrene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	58-90-2	
2,4,5-Trichlorophenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	421	1	02/28/24 17:26	03/02/24 07:54	88-06-2	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	52	%	10-130	1	02/28/24 17:26	03/02/24 07:54	321-60-8	
Terphenyl-d14 (S)	62	%	10-130	1	02/28/24 17:26	03/02/24 07:54	1718-51-0	
Phenol-d6 (S)	46	%	10-130	1	02/28/24 17:26	03/02/24 07:54	13127-88-3	
2-Fluorophenol (S)	45	%	10-130	1	02/28/24 17:26	03/02/24 07:54	367-12-4	
2,4,6-Tribromophenol (S)	50	%	10-130	1	02/28/24 17:26	03/02/24 07:54	118-79-6	
Nitrobenzene-d5 (S)	54	%	10-130	1	02/28/24 17:26	03/02/24 07:54	4165-60-0	
<b>8260D/5035A/5030B SC Volatiles</b>								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	156	1	02/19/24 23:19	02/20/24 09:12	67-64-1	
Benzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	71-43-2	
Bromochloromethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	74-97-5	
Bromodichloromethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	75-27-4	
Bromoform	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	75-25-2	
Bromomethane	ND	ug/kg	31.3	1	02/19/24 23:19	02/20/24 09:12	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	156	1	02/19/24 23:19	02/20/24 09:12	78-93-3	
Carbon disulfide	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	75-15-0	
Carbon tetrachloride	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	56-23-5	
Chlorobenzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	108-90-7	
Chloroethane	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	75-00-3	
Chloroform	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	67-66-3	
Chloromethane	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	74-87-3	IH,v1
Cyclohexane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	96-12-8	
Dibromochloromethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	10061-02-6	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-3 (4-8') Lab ID: 92714033003 Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>8260D/5035A/5030B SC Volatiles</b>		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
1,4-Dioxane (p-Dioxane)	ND	ug/kg	235	1	02/19/24 23:19	02/20/24 09:12	123-91-1	
Ethylbenzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	100-41-4	
2-Hexanone	ND	ug/kg	78.2	1	02/19/24 23:19	02/20/24 09:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	98-82-8	
Methyl acetate	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	79-20-9	
Methylcyclohexane	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	108-87-2	
Methylene Chloride	ND	ug/kg	31.3	1	02/19/24 23:19	02/20/24 09:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	78.2	1	02/19/24 23:19	02/20/24 09:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	1634-04-4	
Styrene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	79-34-5	
Tetrachloroethene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	127-18-4	
Toluene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	79-00-5	
Trichloroethene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	76-13-1	
Vinyl chloride	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	75-01-4	
m&p-Xylene	ND	ug/kg	15.6	1	02/19/24 23:19	02/20/24 09:12	179601-23-1	
o-Xylene	ND	ug/kg	7.8	1	02/19/24 23:19	02/20/24 09:12	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	99	%	70-130	1	02/19/24 23:19	02/20/24 09:12	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1	02/19/24 23:19	02/20/24 09:12	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1	02/19/24 23:19	02/20/24 09:12	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: SW-846 Pace Analytical Services - Charlotte						
Percent Moisture	<b>20.3</b>	%	0.10	1		02/19/24 13:16		N2
<b>Total Solids 2540 G-2011</b>		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	<b>82.2</b>	%		1	02/21/24 12:50	02/21/24 13:01		

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-3 DUP(4-8') Lab ID: 92714033004 Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>Metals (ICP) 6010D</b>								
Analytical Method: EPA 6010D Preparation Method: 3050B								
Pace National - Mt. Juliet								
Aluminum	22300	mg/kg	11.4	1	02/21/24 15:03	02/22/24 15:38	7429-90-5	
Antimony	27.5	mg/kg	2.28	1	02/21/24 15:03	02/22/24 15:38	7440-36-0	
Arsenic	ND	mg/kg	2.28	1	02/21/24 15:03	02/22/24 15:38	7440-38-2	
Barium	353	mg/kg	0.571	1	02/21/24 15:03	02/22/24 15:38	7440-39-3	
Beryllium	0.855	mg/kg	0.228	1	02/21/24 15:03	02/22/24 15:38	7440-41-7	
Cadmium	ND	mg/kg	0.571	1	02/21/24 15:03	02/22/24 15:38	7440-43-9	
Calcium	3350	mg/kg	114	1	02/21/24 15:03	02/22/24 15:38	7440-70-2	
Chromium	20.8	mg/kg	1.14	1	02/21/24 15:03	02/22/24 15:38	7440-47-3	
Cobalt	18.4	mg/kg	1.14	1	02/21/24 15:03	02/22/24 15:38	7440-48-4	
Copper	62.5	mg/kg	2.28	1	02/21/24 15:03	02/22/24 15:38	7440-50-8	
Iron	36200	mg/kg	11.4	1	02/21/24 15:03	02/22/24 15:38	7439-89-6	
Lead	11.3	mg/kg	0.571	1	02/21/24 15:03	02/22/24 15:38	7439-92-1	
Magnesium	6430	mg/kg	114	1	02/21/24 15:03	02/22/24 15:38	7439-95-4	
Manganese	501	mg/kg	1.14	1	02/21/24 15:03	02/22/24 15:38	7439-96-5	
Nickel	11.7	mg/kg	2.28	1	02/21/24 15:03	02/22/24 15:38	7440-02-0	
Potassium	5140	mg/kg	114	1	02/21/24 15:03	02/22/24 15:38	7440-09-7	
Selenium	ND	mg/kg	2.28	1	02/21/24 15:03	02/22/24 15:38	7782-49-2	
Silver	ND	mg/kg	1.14	1	02/21/24 15:03	02/22/24 15:38	7440-22-4	
Sodium	167	mg/kg	114	1	02/21/24 15:03	02/22/24 15:38	7440-23-5	
Thallium	ND	mg/kg	2.28	1	02/21/24 15:03	02/22/24 15:38	7440-28-0	
Vanadium	128	mg/kg	2.28	1	02/21/24 15:03	02/22/24 15:38	7440-62-2	
Zinc	56.4	mg/kg	5.71	1	02/21/24 15:03	02/22/24 15:38	7440-66-6	

**Mercury 7471B**

Analytical Method: EPA 7471B Preparation Method: 7471A

Pace National - Mt. Juliet

Mercury	ND	mg/kg	0.0457	1	02/21/24 08:58	02/22/24 08:04	7439-97-6	
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**8270E MSSV Microwave**

Analytical Method: EPA 8270E Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	83-32-9	
Acenaphthylene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	208-96-8	
Acetophenone	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	98-86-2	
Anthracene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	120-12-7	
Atrazine	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	1912-24-9	
Benzaldehyde	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	100-52-7	
Benzo(a)anthracene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	56-55-3	
Benzo(a)pyrene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	207-08-9	
Biphenyl (Diphenyl)	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	92-52-4	
4-Bromophenylphenyl ether	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	101-55-3	
Butylbenzylphthalate	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	85-68-7	
Caprolactam	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	105-60-2	
Carbazole	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-3 DUP(4-8') Lab ID: 92714033004 Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/kg	855	1	02/28/24 17:26	03/01/24 10:15	59-50-7	
4-Chloroaniline	ND	ug/kg	855	1	02/28/24 17:26	03/01/24 10:15	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	111-44-4	
2-Chloronaphthalene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	91-58-7	
2-Chlorophenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	7005-72-3	
Chrysene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	53-70-3	
Dibenzofuran	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	855	1	02/28/24 17:26	03/01/24 10:15	91-94-1	L2
2,4-Dichlorophenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	120-83-2	
Diethylphthalate	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	105-67-9	
Dimethylphthalate	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	131-11-3	
Di-n-butylphthalate	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	855	1	02/28/24 17:26	03/01/24 10:15	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2140	1	02/28/24 17:26	03/01/24 10:15	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	606-20-2	
Di-n-octylphthalate	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	117-81-7	
Fluoranthene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	206-44-0	
Fluorene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	87-68-3	
Hexachlorobenzene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	77-47-4	
Hexachloroethane	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	193-39-5	
Isophorone	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	78-59-1	
2-Methylnaphthalene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	15831-10-4	
Naphthalene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	91-20-3	
2-Nitroaniline	ND	ug/kg	2140	1	02/28/24 17:26	03/01/24 10:15	88-74-4	
3-Nitroaniline	ND	ug/kg	2140	1	02/28/24 17:26	03/01/24 10:15	99-09-2	
4-Nitroaniline	ND	ug/kg	855	1	02/28/24 17:26	03/01/24 10:15	100-01-6	
Nitrobenzene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	98-95-3	
2-Nitrophenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	88-75-5	
4-Nitrophenol	ND	ug/kg	2140	1	02/28/24 17:26	03/01/24 10:15	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	108-60-1	
Pentachlorophenol	ND	ug/kg	855	1	02/28/24 17:26	03/01/24 10:15	87-86-5	
Phenanthrene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	85-01-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-3 DUP(4-8') Lab ID: 92714033004 Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>								
Analytical Method: EPA 8270E Preparation Method: EPA 3546								
Pace Analytical Services - Charlotte								
Phenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	108-95-2	
Pyrene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	58-90-2	
2,4,5-Trichlorophenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	427	1	02/28/24 17:26	03/01/24 10:15	88-06-2	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	52	%	10-130	1	02/28/24 17:26	03/01/24 10:15	321-60-8	
Terphenyl-d14 (S)	70	%	10-130	1	02/28/24 17:26	03/01/24 10:15	1718-51-0	
Phenol-d6 (S)	48	%	10-130	1	02/28/24 17:26	03/01/24 10:15	13127-88-3	
2-Fluorophenol (S)	44	%	10-130	1	02/28/24 17:26	03/01/24 10:15	367-12-4	
2,4,6-Tribromophenol (S)	49	%	10-130	1	02/28/24 17:26	03/01/24 10:15	118-79-6	
Nitrobenzene-d5 (S)	53	%	10-130	1	02/28/24 17:26	03/01/24 10:15	4165-60-0	
<b>8260D/5035A/5030B SC Volatiles</b>								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	161	1	02/19/24 23:19	02/20/24 09:30	67-64-1	
Benzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	71-43-2	
Bromochloromethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	74-97-5	
Bromodichloromethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	75-27-4	
Bromoform	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	75-25-2	
Bromomethane	ND	ug/kg	32.1	1	02/19/24 23:19	02/20/24 09:30	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	161	1	02/19/24 23:19	02/20/24 09:30	78-93-3	
Carbon disulfide	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	75-15-0	
Carbon tetrachloride	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	56-23-5	
Chlorobenzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	108-90-7	
Chloroethane	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	75-00-3	
Chloroform	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	67-66-3	
Chloromethane	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	74-87-3	IH,v1
Cyclohexane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	96-12-8	
Dibromochloromethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	106-93-4	
1,2-Dichlorobenzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	10061-02-6	

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: **SB-3 DUP(4-8')** Lab ID: **92714033004** Collected: 02/15/24 14:33 Received: 02/16/24 16:00 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
<b>8260D/5035A/5030B SC Volatiles</b>		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
1,4-Dioxane (p-Dioxane)	ND	ug/kg	241	1	02/19/24 23:19	02/20/24 09:30	123-91-1	
Ethylbenzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	100-41-4	
2-Hexanone	ND	ug/kg	80.4	1	02/19/24 23:19	02/20/24 09:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	98-82-8	
Methyl acetate	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	79-20-9	
Methylcyclohexane	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	108-87-2	
Methylene Chloride	ND	ug/kg	32.1	1	02/19/24 23:19	02/20/24 09:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	80.4	1	02/19/24 23:19	02/20/24 09:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	1634-04-4	
Styrene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	79-34-5	
Tetrachloroethene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	127-18-4	
Toluene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	79-00-5	
Trichloroethene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	76-13-1	
Vinyl chloride	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	75-01-4	
m&p-Xylene	ND	ug/kg	16.1	1	02/19/24 23:19	02/20/24 09:30	179601-23-1	
o-Xylene	ND	ug/kg	8.0	1	02/19/24 23:19	02/20/24 09:30	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	99	%	70-130	1	02/19/24 23:19	02/20/24 09:30	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1	02/19/24 23:19	02/20/24 09:30	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1	02/19/24 23:19	02/20/24 09:30	17060-07-0	
<b>Percent Moisture</b>		Analytical Method: SW-846 Pace Analytical Services - Charlotte						
Percent Moisture	<b>22.5</b>	%	0.10	1		02/19/24 13:16		N2
<b>Total Solids 2540 G-2011</b>		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	<b>87.6</b>	%		1	02/21/24 12:50	02/21/24 13:01		

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-4 (8-12') Lab ID: 92714033005 Collected: 02/15/24 15:02 Received: 02/16/24 16:00 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
<b>8082 GCS PCB</b>								
Analytical Method: EPA 8082A Preparation Method: EPA 3546								
Pace Analytical Services - Charlotte								
PCB-1016 (Aroclor 1016)	ND	ug/kg	40.3	1	02/21/24 15:47	02/22/24 15:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	40.3	1	02/21/24 15:47	02/22/24 15:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	40.3	1	02/21/24 15:47	02/22/24 15:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/kg	40.3	1	02/21/24 15:47	02/22/24 15:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	40.3	1	02/21/24 15:47	02/22/24 15:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	40.3	1	02/21/24 15:47	02/22/24 15:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/kg	40.3	1	02/21/24 15:47	02/22/24 15:27	11096-82-5	
<b>Surrogates</b>								
Decachlorobiphenyl (S)	58	%	10-174	1	02/21/24 15:47	02/22/24 15:27	2051-24-3	
<b>Metals (ICP) 6010D</b>								
Analytical Method: EPA 6010D Preparation Method: 3050B								
Pace National - Mt. Juliet								
Aluminum	38200	mg/kg	12.8	1	02/21/24 15:03	02/22/24 15:41	7429-90-5	
Antimony	35.8	mg/kg	2.55	1	02/21/24 15:03	02/22/24 15:41	7440-36-0	
Arsenic	ND	mg/kg	2.55	1	02/21/24 15:03	02/22/24 15:41	7440-38-2	
Barium	451	mg/kg	0.638	1	02/21/24 15:03	02/22/24 15:41	7440-39-3	
Beryllium	2.35	mg/kg	0.255	1	02/21/24 15:03	02/22/24 15:41	7440-41-7	
Cadmium	ND	mg/kg	0.638	1	02/21/24 15:03	02/22/24 15:41	7440-43-9	
Calcium	3140	mg/kg	128	1	02/21/24 15:03	02/22/24 15:41	7440-70-2	
Chromium	40.5	mg/kg	1.28	1	02/21/24 15:03	02/22/24 15:41	7440-47-3	
Cobalt	27.1	mg/kg	1.28	1	02/21/24 15:03	02/22/24 15:41	7440-48-4	
Copper	67.3	mg/kg	2.55	1	02/21/24 15:03	02/22/24 15:41	7440-50-8	
Iron	52900	mg/kg	12.8	1	02/21/24 15:03	02/22/24 15:41	7439-89-6	
Lead	17.3	mg/kg	0.638	1	02/21/24 15:03	02/22/24 15:41	7439-92-1	
Magnesium	16900	mg/kg	128	1	02/21/24 15:03	02/22/24 15:41	7439-95-4	
Manganese	1130	mg/kg	1.28	1	02/21/24 15:03	02/22/24 15:41	7439-96-5	
Nickel	25.1	mg/kg	2.55	1	02/21/24 15:03	02/22/24 15:41	7440-02-0	
Potassium	16600	mg/kg	128	1	02/21/24 15:03	02/22/24 15:41	7440-09-7	
Selenium	ND	mg/kg	2.55	1	02/21/24 15:03	02/22/24 15:41	7782-49-2	
Silver	ND	mg/kg	1.28	1	02/21/24 15:03	02/22/24 15:41	7440-22-4	
Sodium	153	mg/kg	128	1	02/21/24 15:03	02/22/24 15:41	7440-23-5	
Thallium	3.46	mg/kg	2.55	1	02/21/24 15:03	02/22/24 15:41	7440-28-0	
Vanadium	186	mg/kg	2.55	1	02/21/24 15:03	02/22/24 15:41	7440-62-2	
Zinc	141	mg/kg	6.38	1	02/21/24 15:03	02/22/24 15:41	7440-66-6	
<b>Mercury 7471B</b>								
Analytical Method: EPA 7471B Preparation Method: 7471A								
Pace National - Mt. Juliet								
Mercury	ND	mg/kg	0.0511	1	02/21/24 08:58	02/22/24 08:54	7439-97-6	
<b>8270E MSSV Microwave</b>								
Analytical Method: EPA 8270E Preparation Method: EPA 3546								
Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	83-32-9	
Acenaphthylene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	208-96-8	
Acetophenone	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	98-86-2	
Anthracene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	120-12-7	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-4 (8-12') Lab ID: 92714033005 Collected: 02/15/24 15:02 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
Atrazine	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	1912-24-9	
Benzaldehyde	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	100-52-7	
Benzo(a)anthracene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	56-55-3	
Benzo(a)pyrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	207-08-9	
Biphenyl (Diphenyl)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	92-52-4	
4-Bromophenylphenyl ether	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	101-55-3	
Butylbenzylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	85-68-7	
Caprolactam	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	105-60-2	
Carbazole	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	86-74-8	
4-Chloro-3-methylphenol	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 08:20	59-50-7	
4-Chloroaniline	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 08:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	111-44-4	
2-Chloronaphthalene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	91-58-7	
2-Chlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	7005-72-3	
Chrysene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	53-70-3	
Dibenzofuran	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 08:20	91-94-1	L2
2,4-Dichlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	120-83-2	
Diethylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	105-67-9	
Dimethylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	131-11-3	
Di-n-butylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 08:20	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 08:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	606-20-2	
Di-n-octylphthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	117-81-7	
Fluoranthene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	206-44-0	
Fluorene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	87-68-3	
Hexachlorobenzene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	77-47-4	
Hexachloroethane	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	193-39-5	
Isophorone	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	78-59-1	
2-Methylnaphthalene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	15831-10-4	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-4 (8-12') Lab ID: 92714033005 Collected: 02/15/24 15:02 Received: 02/16/24 16:00 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
<b>8270E MSSV Microwave</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte						
Naphthalene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	91-20-3	
2-Nitroaniline	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 08:20	88-74-4	
3-Nitroaniline	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 08:20	99-09-2	
4-Nitroaniline	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 08:20	100-01-6	
Nitrobenzene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	98-95-3	
2-Nitrophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	88-75-5	
4-Nitrophenol	ND	ug/kg	2060	1	02/28/24 17:26	03/02/24 08:20	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	108-60-1	
Pentachlorophenol	ND	ug/kg	826	1	02/28/24 17:26	03/02/24 08:20	87-86-5	
Phenanthrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	85-01-8	
Phenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	108-95-2	
Pyrene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	58-90-2	
2,4,5-Trichlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	413	1	02/28/24 17:26	03/02/24 08:20	88-06-2	
<b>Surrogates</b>								
2-Fluorobiphenyl (S)	61	%	10-130	1	02/28/24 17:26	03/02/24 08:20	321-60-8	
Terphenyl-d14 (S)	59	%	10-130	1	02/28/24 17:26	03/02/24 08:20	1718-51-0	
Phenol-d6 (S)	56	%	10-130	1	02/28/24 17:26	03/02/24 08:20	13127-88-3	
2-Fluorophenol (S)	55	%	10-130	1	02/28/24 17:26	03/02/24 08:20	367-12-4	
2,4,6-Tribromophenol (S)	62	%	10-130	1	02/28/24 17:26	03/02/24 08:20	118-79-6	
Nitrobenzene-d5 (S)	61	%	10-130	1	02/28/24 17:26	03/02/24 08:20	4165-60-0	
<b>8260D/5035A/5030B SC Volatiles</b>		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
Acetone	ND	ug/kg	137	1	02/19/24 23:19	02/20/24 09:47	67-64-1	
Benzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	71-43-2	
Bromochloromethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	74-97-5	
Bromodichloromethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	75-27-4	
Bromoform	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	75-25-2	
Bromomethane	ND	ug/kg	27.5	1	02/19/24 23:19	02/20/24 09:47	74-83-9	IK
2-Butanone (MEK)	ND	ug/kg	137	1	02/19/24 23:19	02/20/24 09:47	78-93-3	
Carbon disulfide	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	56-23-5	
Chlorobenzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	108-90-7	
Chloroethane	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	75-00-3	
Chloroform	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	67-66-3	
Chloromethane	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	74-87-3	IH,v1
Cyclohexane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	96-12-8	
Dibromochloromethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	106-93-4	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: SB-4 (8-12') Lab ID: 92714033005 Collected: 02/15/24 15:02 Received: 02/16/24 16:00 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
<b>8260D/5035A/5030B SC Volatiles</b>								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
1,2-Dichlorobenzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	75-71-8	IH,v1
1,1-Dichloroethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	107-06-2	
1,1,1-Dichloroethene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/kg	206	1	02/19/24 23:19	02/20/24 09:47	123-91-1	
Ethylbenzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	100-41-4	
2-Hexanone	ND	ug/kg	68.7	1	02/19/24 23:19	02/20/24 09:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	98-82-8	
Methyl acetate	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	79-20-9	
Methylcyclohexane	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	108-87-2	
Methylene Chloride	ND	ug/kg	27.5	1	02/19/24 23:19	02/20/24 09:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	68.7	1	02/19/24 23:19	02/20/24 09:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	1634-04-4	
Styrene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	79-34-5	
Tetrachloroethene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	127-18-4	
Toluene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	79-00-5	
Trichloroethene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	76-13-1	
Vinyl chloride	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	75-01-4	
m&p-Xylene	ND	ug/kg	13.7	1	02/19/24 23:19	02/20/24 09:47	179601-23-1	
o-Xylene	ND	ug/kg	6.9	1	02/19/24 23:19	02/20/24 09:47	95-47-6	
<b>Surrogates</b>								
Toluene-d8 (S)	99	%	70-130	1	02/19/24 23:19	02/20/24 09:47	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130	1	02/19/24 23:19	02/20/24 09:47	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1	02/19/24 23:19	02/20/24 09:47	17060-07-0	
<b>Percent Moisture</b>								
Analytical Method: SW-846								
Pace Analytical Services - Charlotte								
Percent Moisture	19.2	%	0.10	1		02/19/24 13:16		N2

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

**Sample: SB-4 (8-12')**      **Lab ID: 92714033005**      Collected: 02/15/24 15:02      Received: 02/16/24 16:00      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
<b>Total Solids 2540 G-2011</b>	Analytical Method: SM 2540G      Preparation Method: SM 2540 G Pace National - Mt. Juliet							
Total Solids	<b>78.3</b>	%		1	02/21/24 12:50	02/21/24 13:01		

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: EB Soil	Lab ID: 92714033006	Collected: 02/15/24 15:13	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	208-96-8	
Acetophenone	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	98-86-2	
Anthracene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	120-12-7	
Atrazine	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	1912-24-9	
Benzaldehyde	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	100-52-7	
Benzo(a)anthracene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	85-68-7	v1
Caprolactam	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	105-60-2	v1
Carbazole	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	1	02/22/24 02:21	02/24/24 22:48	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	7005-72-3	
Chrysene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	1	02/22/24 02:21	02/24/24 22:48	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	1	02/22/24 02:21	02/24/24 22:48	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	45.5	1	02/22/24 02:21	02/24/24 22:48	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	117-84-0	v1
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	1	02/22/24 02:21	02/24/24 22:48	117-81-7	v1
Fluoranthene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	206-44-0	
Fluorene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	87-68-3	
Hexachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	193-39-5	
Isophorone	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	78-59-1	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: EB Soil	Lab ID: 92714033006	Collected: 02/15/24 15:13	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>								
Analytical Method: EPA 8270E Preparation Method: EPA 3510C								
Pace Analytical Services - Charlotte								
2-Methylnaphthalene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	15831-10-4	
Naphthalene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	91-20-3	
2-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:21	02/24/24 22:48	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:21	02/24/24 22:48	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:21	02/24/24 22:48	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	88-75-5	v1
4-Nitrophenol	ND	ug/L	45.5	1	02/22/24 02:21	02/24/24 22:48	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	1	02/22/24 02:21	02/24/24 22:48	87-86-5	
Phenanthrene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	85-01-8	
Phenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	108-95-2	
Pyrene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	129-00-0	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	58-90-2	v1
2,4,5-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:21	02/24/24 22:48	88-06-2	
<b>Surrogates</b>								
Nitrobenzene-d5 (S)	87	%	10-133	1	02/22/24 02:21	02/24/24 22:48	4165-60-0	
2-Fluorobiphenyl (S)	77	%	10-130	1	02/22/24 02:21	02/24/24 22:48	321-60-8	
Terphenyl-d14 (S)	105	%	10-193	1	02/22/24 02:21	02/24/24 22:48	1718-51-0	
Phenol-d6 (S)	44	%	10-130	1	02/22/24 02:21	02/24/24 22:48	13127-88-3	
2-Fluorophenol (S)	52	%	10-130	1	02/22/24 02:21	02/24/24 22:48	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-166	1	02/22/24 02:21	02/24/24 22:48	118-79-6	
<b>8260 MSV Low Level SC</b>								
Analytical Method: EPA 8260D								
Pace Analytical Services - Charlotte								
Acetone	86.2	ug/L	25.0	1		02/23/24 06:27	67-64-1	
Benzene	ND	ug/L	1.0	1		02/23/24 06:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		02/23/24 06:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		02/23/24 06:27	75-27-4	
Bromoform	ND	ug/L	1.0	1		02/23/24 06:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1		02/23/24 06:27	74-83-9	
2-Butanone (MEK)	11.7	ug/L	5.0	1		02/23/24 06:27	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		02/23/24 06:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		02/23/24 06:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		02/23/24 06:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		02/23/24 06:27	75-00-3	
Chloroform	ND	ug/L	1.0	1		02/23/24 06:27	67-66-3	
Chloromethane	ND	ug/L	1.0	1		02/23/24 06:27	74-87-3	
Cyclohexane	ND	ug/L	1.0	1		02/23/24 06:27	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/23/24 06:27	96-12-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Sample: EB Soil	Lab ID: 92714033006	Collected: 02/15/24 15:13	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
Dibromochloromethane	ND	ug/L	1.0	1		02/23/24 06:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/23/24 06:27	106-93-4	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/23/24 06:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/23/24 06:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/23/24 06:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/23/24 06:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		02/23/24 06:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/23/24 06:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/23/24 06:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/23/24 06:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/23/24 06:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		02/23/24 06:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/23/24 06:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/23/24 06:27	10061-02-6	
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/23/24 06:27	123-91-1	
Ethylbenzene	ND	ug/L	1.0	1		02/23/24 06:27	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		02/23/24 06:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/23/24 06:27	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/23/24 06:27	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/23/24 06:27	108-87-2	
Methylene Chloride	ND	ug/L	5.0	1		02/23/24 06:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/23/24 06:27	108-10-1	
Methyl-tert-butyl ether	2.0	ug/L	1.0	1		02/23/24 06:27	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/23/24 06:27	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/23/24 06:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/23/24 06:27	127-18-4	
Toluene	ND	ug/L	1.0	1		02/23/24 06:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/23/24 06:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/23/24 06:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/23/24 06:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/23/24 06:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/23/24 06:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/23/24 06:27	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/23/24 06:27	76-13-1	
Vinyl chloride	ND	ug/L	1.0	1		02/23/24 06:27	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		02/23/24 06:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/23/24 06:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/23/24 06:27	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	100	%	70-130	1		02/23/24 06:27	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-130	1		02/23/24 06:27	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		02/23/24 06:27	2037-26-5	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 2232390

Analysis Method: EPA 6010D

QC Batch Method: 3015

Analysis Description: Metals (ICP) 6010D

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92714033001

METHOD BLANK: R4038029-1

Matrix: Water

Associated Lab Samples: 92714033001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	200	02/25/24 16:42	
Antimony	ug/L	ND	10.0	02/25/24 16:42	
Arsenic	ug/L	ND	10.0	02/25/24 16:42	
Barium	ug/L	ND	5.00	02/25/24 16:42	
Beryllium	ug/L	ND	2.00	02/25/24 16:42	
Cadmium	ug/L	ND	2.00	02/25/24 16:42	
Calcium	ug/L	ND	1000	02/25/24 16:42	
Chromium	ug/L	ND	10.0	02/25/24 16:42	
Cobalt	ug/L	ND	10.0	02/25/24 16:42	
Copper	ug/L	ND	10.0	02/25/24 16:42	
Iron	ug/L	ND	100	02/25/24 16:42	
Lead	ug/L	ND	6.00	02/25/24 16:42	
Magnesium	ug/L	ND	1000	02/25/24 16:42	
Manganese	ug/L	ND	10.0	02/25/24 16:42	
Nickel	ug/L	ND	10.0	02/25/24 16:42	
Potassium	ug/L	ND	2000	02/25/24 16:42	
Selenium	ug/L	ND	10.0	02/25/24 16:42	
Silver	ug/L	ND	5.00	02/25/24 16:42	
Sodium	ug/L	ND	3000	02/25/24 16:42	
Thallium	ug/L	ND	10.0	02/25/24 16:42	
Vanadium	ug/L	ND	20.0	02/25/24 16:42	
Zinc	ug/L	ND	50.0	02/25/24 16:42	

LABORATORY CONTROL SAMPLE: R4038029-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10200	102	80.0-120	
Antimony	ug/L	1000	974	97.4	80.0-120	
Arsenic	ug/L	1000	959	95.9	80.0-120	
Barium	ug/L	1000	1020	102	80.0-120	
Beryllium	ug/L	1000	999	99.9	80.0-120	
Cadmium	ug/L	1000	964	96.4	80.0-120	
Calcium	ug/L	10000	9990	99.9	80.0-120	
Chromium	ug/L	1000	1020	102	80.0-120	
Cobalt	ug/L	1000	944	94.4	80.0-120	
Copper	ug/L	1000	1030	103	80.0-120	
Iron	ug/L	10000	9830	98.3	80.0-120	
Lead	ug/L	1000	954	95.4	80.0-120	
Magnesium	ug/L	10000	10000	100	80.0-120	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: R4038029-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	1000	1020	102	80.0-120	
Nickel	ug/L	1000	935	93.5	80.0-120	
Potassium	ug/L	10000	9890	98.9	80.0-120	
Selenium	ug/L	1000	897	89.7	80.0-120	
Silver	ug/L	200	193	96.6	80.0-120	
Sodium	ug/L	10000	10100	101	80.0-120	
Thallium	ug/L	1000	1020	102	80.0-120	
Vanadium	ug/L	1000	970	97.0	80.0-120	
Zinc	ug/L	1000	987	98.7	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4038029-4 R4038029-5

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		L1708006-02 Result	Spike Conc.	Spike Conc.	MS Result					
Aluminum	ug/L	56.8	10000	10000	10100	10300	100	102 75.0-125	2.10	
Antimony	ug/L	ND	1000	1000	941	975	94.1	97.5 75.0-125	3.61	
Arsenic	ug/L	ND	1000	1000	955	985	95.5	98.5 75.0-125	3.11	
Barium	ug/L	236	1000	1000	1230	1260	99.1	102 75.0-125	2.26	
Beryllium	ug/L	ND	1000	1000	993	1020	99.3	102 75.0-125	2.56	
Cadmium	ug/L	ND	1000	1000	950	978	95.0	97.8 75.0-125	2.98	
Calcium	ug/L	53000	10000	10000	66400	66900	134	139 75.0-125	0.744	P6
Chromium	ug/L	1.71	1000	1000	992	1020	99.0	102 75.0-125	3.20	
Cobalt	ug/L	ND	1000	1000	944	963	94.4	96.3 75.0-125	2.01	
Copper	ug/L	26.7	1000	1000	1030	1060	101	103 75.0-125	2.21	
Iron	ug/L	29.4	10000	10000	9720	9990	96.9	99.6 75.0-125	2.74	
Lead	ug/L	ND	1000	1000	957	976	95.7	97.6 75.0-125	1.96	
Magnesium	ug/L	4750	10000	10000	14600	14800	98.5	100 75.0-125	1.07	
Manganese	ug/L	3.45	1000	1000	969	1010	96.6	100 75.0-125	3.89	
Nickel	ug/L	ND	1000	1000	932	954	93.2	95.4 75.0-125	2.35	
Potassium	ug/L	2180	10000	10000	11700	12100	95.6	99.1 75.0-125	2.97	
Selenium	ug/L	ND	1000	1000	922	938	92.2	93.8 75.0-125	1.65	
Silver	ug/L	ND	200	200	193	201	96.3	101 75.0-125	4.29	
Sodium	ug/L	21300	10000	10000	30700	31000	93.4	96.4 75.0-125	0.989	
Thallium	ug/L	ND	1000	1000	1000	1030	100	103 75.0-125	2.68	
Vanadium	ug/L	ND	1000	1000	968	993	96.8	99.3 75.0-125	2.57	
Zinc	ug/L	279	1000	1000	1240	1270	96.1	99.3 75.0-125	2.61	

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 2230703

Analysis Method: EPA 6010D

QC Batch Method: 3050B

Analysis Description: Metals (ICP) 6010D

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

METHOD BLANK: R4037355-1

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	mg/kg	ND	10.0	02/22/24 14:24	
Antimony	mg/kg	ND	2.00	02/22/24 14:24	
Arsenic	mg/kg	ND	2.00	02/22/24 14:24	
Barium	mg/kg	ND	0.500	02/22/24 14:24	
Beryllium	mg/kg	ND	0.200	02/22/24 14:24	
Cadmium	mg/kg	ND	0.500	02/22/24 14:24	
Calcium	mg/kg	ND	100	02/22/24 14:24	
Chromium	mg/kg	ND	1.00	02/22/24 14:24	
Cobalt	mg/kg	ND	1.00	02/22/24 14:24	
Copper	mg/kg	ND	2.00	02/22/24 14:24	
Iron	mg/kg	ND	10.0	02/22/24 14:24	
Lead	mg/kg	ND	0.500	02/22/24 14:24	
Magnesium	mg/kg	ND	100	02/22/24 14:24	
Manganese	mg/kg	ND	1.00	02/22/24 14:24	
Nickel	mg/kg	ND	2.00	02/22/24 14:24	
Potassium	mg/kg	ND	100	02/22/24 14:24	
Selenium	mg/kg	ND	2.00	02/22/24 14:24	
Silver	mg/kg	ND	1.00	02/22/24 14:24	
Sodium	mg/kg	ND	100	02/22/24 14:24	
Thallium	mg/kg	ND	2.00	02/22/24 14:24	
Vanadium	mg/kg	ND	2.00	02/22/24 14:24	
Zinc	mg/kg	ND	5.00	02/22/24 14:24	

LABORATORY CONTROL SAMPLE: R4037355-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	mg/kg	1000	915	91.5	80.0-120	
Antimony	mg/kg	100	90.5	90.5	80.0-120	
Arsenic	mg/kg	100	91.3	91.3	80.0-120	
Barium	mg/kg	100	93.8	93.8	80.0-120	
Beryllium	mg/kg	100	90.6	90.6	80.0-120	
Cadmium	mg/kg	100	87.4	87.4	80.0-120	
Calcium	mg/kg	1000	940	94.0	80.0-120	
Chromium	mg/kg	100	91.3	91.3	80.0-120	
Cobalt	mg/kg	100	87.9	87.9	80.0-120	
Copper	mg/kg	100	92.1	92.1	80.0-120	
Iron	mg/kg	1000	917	91.7	80.0-120	
Lead	mg/kg	100	88.1	88.1	80.0-120	
Magnesium	mg/kg	1000	851	85.1	80.0-120	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: R4037355-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	mg/kg	100	90.6	90.6	80.0-120	
Nickel	mg/kg	100	91.2	91.2	80.0-120	
Potassium	mg/kg	1000	902	90.2	80.0-120	
Selenium	mg/kg	100	87.9	87.9	80.0-120	
Silver	mg/kg	20.0	17.1	85.3	80.0-120	
Sodium	mg/kg	1000	947	94.7	80.0-120	
Thallium	mg/kg	100	93.9	93.9	80.0-120	
Vanadium	mg/kg	100	93.2	93.2	80.0-120	
Zinc	mg/kg	100	92.3	92.3	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4037355-5 R4037355-6

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		L1707262-01 Result	Spike Conc.	Spike Conc.	Conc.							
Aluminum	mg/kg	2120	1070	1070	3050	2920	87.0	75.4	75.0-125	4.18		
Antimony	mg/kg	1.04	107	107	96.8	96.7	89.5	89.4	75.0-125	0.083		
Arsenic	mg/kg	0.725	107	107	105	105	97.5	97.6	75.0-125	0.131		
Barium	mg/kg	5.24	107	107	105	104	92.8	92.6	75.0-125	0.163		
Beryllium	mg/kg	0.106	107	107	97.4	97.2	91.0	90.7	75.0-125	0.256		
Cadmium	mg/kg	ND	107	107	97.9	97.4	91.5	91.0	75.0-125	0.524		
Calcium	mg/kg	34800	1070	1070	31900	31400	0.00	0.00	75.0-125	1.51	P6	
Chromium	mg/kg	4.21	107	107	100	101	90.0	90.1	75.0-125	0.152		
Cobalt	mg/kg	2.18	107	107	99.5	98.8	90.9	90.3	75.0-125	0.671		
Copper	mg/kg	4.72	107	107	110	109	98.1	97.9	75.0-125	0.203		
Iron	mg/kg	5030	1070	1070	6040	7090	94.3	193	75.0-125	16.1	P6	
Lead	mg/kg	3.80	107	107	103	102	92.8	91.9	75.0-125	0.914		
Magnesium	mg/kg	7420	1070	1070	8140	8360	66.5	87.4	75.0-125	2.72	P6	
Manganese	mg/kg	135	107	107	233	242	91.1	99.8	75.0-125	3.91		
Nickel	mg/kg	4.68	107	107	106	106	95.0	94.3	75.0-125	0.731		
Potassium	mg/kg	475	1070	1070	1550	1510	100	97.2	75.0-125	1.99		
Selenium	mg/kg	ND	107	107	98.9	99.3	92.4	92.8	75.0-125	0.393		
Silver	mg/kg	ND	21.4	21.4	19.5	19.5	91.2	91.1	75.0-125	0.085		
Sodium	mg/kg	53.4	1070	1070	1160	1140	104	102	75.0-125	1.84		
Thallium	mg/kg	ND	107	107	104	102	96.8	95.5	75.0-125	1.31		
Vanadium	mg/kg	6.20	107	107	108	107	94.8	94.6	75.0-125	0.177		
Zinc	mg/kg	17.1	107	107	118	120	94.4	96.0	75.0-125	1.41		

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 2232778

Analysis Method: EPA 7470A

QC Batch Method: 7470A

Analysis Description: Mercury 7470A

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92714033001

METHOD BLANK: R4038993-1

Matrix: Water

Associated Lab Samples: 92714033001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.200	02/27/24 18:11	

LABORATORY CONTROL SAMPLE: R4038993-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	3.00	2.95	98.5	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4038993-3 R4038993-4

Parameter	Units	R4038993-3		R4038993-4		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		L1708586-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result					
Mercury	ug/L	ND	3.00	3.00	2.92	2.94	97.3	98.1	75.0-125	0.856

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 2230564

Analysis Method: EPA 7471B

QC Batch Method: 7471A

Analysis Description: Mercury 7471B

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

METHOD BLANK: R4036855-1

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0400	02/22/24 07:59	

LABORATORY CONTROL SAMPLE: R4036855-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.500	0.539	108	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4036855-3 R4036855-4

Parameter	Units	R4036855-3		R4036855-4		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result					
Mercury	mg/kg	ND	0.571	0.571	0.584	0.636	102	111	75.0-125	8.50

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 834358

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714033006

METHOD BLANK: 4311013

Matrix: Water

Associated Lab Samples: 92714033006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	02/23/24 02:31	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/23/24 02:31	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/23/24 02:31	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	02/23/24 02:31	
1,1-Dichloroethane	ug/L	ND	1.0	02/23/24 02:31	
1,1-Dichloroethene	ug/L	ND	1.0	02/23/24 02:31	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	02/23/24 02:31	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/23/24 02:31	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	02/23/24 02:31	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/23/24 02:31	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/23/24 02:31	
1,2-Dichloroethane	ug/L	ND	1.0	02/23/24 02:31	
1,2-Dichloropropane	ug/L	ND	1.0	02/23/24 02:31	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/23/24 02:31	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/23/24 02:31	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	02/23/24 02:31	
2-Butanone (MEK)	ug/L	ND	5.0	02/23/24 02:31	
2-Hexanone	ug/L	ND	5.0	02/23/24 02:31	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	02/23/24 02:31	
Acetone	ug/L	ND	25.0	02/23/24 02:31	
Benzene	ug/L	ND	1.0	02/23/24 02:31	
Bromochloromethane	ug/L	ND	1.0	02/23/24 02:31	
Bromodichloromethane	ug/L	ND	1.0	02/23/24 02:31	
Bromoform	ug/L	ND	1.0	02/23/24 02:31	
Bromomethane	ug/L	ND	2.0	02/23/24 02:31	
Carbon disulfide	ug/L	ND	2.0	02/23/24 02:31	
Carbon tetrachloride	ug/L	ND	1.0	02/23/24 02:31	
Chlorobenzene	ug/L	ND	1.0	02/23/24 02:31	
Chloroethane	ug/L	ND	1.0	02/23/24 02:31	
Chloroform	ug/L	ND	1.0	02/23/24 02:31	
Chloromethane	ug/L	ND	1.0	02/23/24 02:31	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/23/24 02:31	
cis-1,3-Dichloropropene	ug/L	ND	1.0	02/23/24 02:31	
Cyclohexane	ug/L	ND	1.0	02/23/24 02:31	
Dibromochloromethane	ug/L	ND	1.0	02/23/24 02:31	
Dichlorodifluoromethane	ug/L	ND	1.0	02/23/24 02:31	
Ethylbenzene	ug/L	ND	1.0	02/23/24 02:31	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	02/23/24 02:31	
m&p-Xylene	ug/L	ND	2.0	02/23/24 02:31	
Methyl acetate	ug/L	ND	10.0	02/23/24 02:31	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

METHOD BLANK: 4311013

Matrix: Water

Associated Lab Samples: 92714033006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methyl-tert-butyl ether	ug/L	ND	1.0	02/23/24 02:31	
Methylcyclohexane	ug/L	ND	10.0	02/23/24 02:31	
Methylene Chloride	ug/L	ND	5.0	02/23/24 02:31	
o-Xylene	ug/L	ND	1.0	02/23/24 02:31	
Styrene	ug/L	ND	1.0	02/23/24 02:31	
Tetrachloroethene	ug/L	ND	1.0	02/23/24 02:31	
Toluene	ug/L	ND	1.0	02/23/24 02:31	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/23/24 02:31	
trans-1,3-Dichloropropene	ug/L	ND	1.0	02/23/24 02:31	
Trichloroethene	ug/L	ND	1.0	02/23/24 02:31	
Trichlorofluoromethane	ug/L	ND	1.0	02/23/24 02:31	
Vinyl chloride	ug/L	ND	1.0	02/23/24 02:31	
Xylene (Total)	ug/L	ND	1.0	02/23/24 02:31	
1,2-Dichloroethane-d4 (S)	%	118	70-130	02/23/24 02:31	
4-Bromofluorobenzene (S)	%	101	70-130	02/23/24 02:31	
Toluene-d8 (S)	%	102	70-130	02/23/24 02:31	

LABORATORY CONTROL SAMPLE: 4311014

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.6	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.5	102	70-130	
1,1,2-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	20	21.2	106	70-130	
1,1-Dichloroethane	ug/L	20	21.5	108	70-130	
1,1-Dichloroethene	ug/L	20	21.9	109	70-130	
1,2,3-Trichlorobenzene	ug/L	20	17.9	89	70-130	
1,2,4-Trichlorobenzene	ug/L	20	16.5	83	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.3	101	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	20.1	101	70-130	
1,2-Dichlorobenzene	ug/L	20	19.2	96	70-130	
1,2-Dichloroethane	ug/L	20	22.3	112	70-130	
1,2-Dichloropropane	ug/L	20	21.1	105	70-130	
1,3-Dichlorobenzene	ug/L	20	19.1	96	70-130	
1,4-Dichlorobenzene	ug/L	20	18.9	94	70-130	
1,4-Dioxane (p-Dioxane)	ug/L	400	405	101	70-130	
2-Butanone (MEK)	ug/L	40	44.2	111	70-130	
2-Hexanone	ug/L	40	46.6	117	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	44.7	112	70-130	
Acetone	ug/L	40	45.4	113	70-130	
Benzene	ug/L	20	20.0	100	70-130	
Bromochloromethane	ug/L	20	20.0	100	70-130	
Bromodichloromethane	ug/L	20	20.5	103	70-130	
Bromoform	ug/L	20	18.5	93	70-130	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: 4311014

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	18.8	94	70-130	
Carbon disulfide	ug/L	20	22.0	110	70-130	
Carbon tetrachloride	ug/L	20	20.1	101	70-130	
Chlorobenzene	ug/L	20	19.3	97	70-130	
Chloroethane	ug/L	20	21.1	106	70-130	
Chloroform	ug/L	20	20.9	105	70-130	
Chloromethane	ug/L	20	25.7	129	70-130	
cis-1,2-Dichloroethene	ug/L	20	21.2	106	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.7	98	70-130	
Cyclohexane	ug/L	20	22.8	114	70-130	
Dibromochloromethane	ug/L	20	19.8	99	70-130	
Dichlorodifluoromethane	ug/L	20	21.1	106	70-130	
Ethylbenzene	ug/L	20	19.5	97	70-130	
Isopropylbenzene (Cumene)	ug/L	20	19.0	95	70-130	
m&p-Xylene	ug/L	40	39.0	97	70-130	
Methyl acetate	ug/L	20	19.3	97	70-130	
Methyl-tert-butyl ether	ug/L	20	20.4	102	70-130	
Methylcyclohexane	ug/L	20	23.3	117	70-130	
Methylene Chloride	ug/L	20	22.2	111	70-130	
o-Xylene	ug/L	20	19.1	96	70-130	
Styrene	ug/L	20	19.7	98	70-130	
Tetrachloroethene	ug/L	20	17.0	85	70-130	
Toluene	ug/L	20	19.3	97	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.3	107	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.3	101	70-130	
Trichloroethene	ug/L	20	18.2	91	70-130	
Trichlorofluoromethane	ug/L	20	22.6	113	70-130	
Vinyl chloride	ug/L	20	24.5	123	70-130	
Xylene (Total)	ug/L	60	58.1	97	70-130	
1,2-Dichloroethane-d4 (S)	%			122	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4311015 4311016

Parameter	Units	MS 92714468009		MSD		MS		MSD		% Rec Limits	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1,1,1-Trichloroethane	ug/L	ND	20	20	27.4	27.2	137	136	82-143	1		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	22.1	112	110	70-136	1		
1,1,2-Trichloroethane	ug/L	ND	20	20	23.9	24.8	120	124	70-135	4		
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	20	28.0	29.5	140	148	83-144	5	M1	
1,1-Dichloroethane	ug/L	ND	20	20	26.6	27.6	133	138	70-139	4		
1,1-Dichloroethene	ug/L	ND	20	20	27.7	28.1	138	140	70-154	2		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	22.3	21.8	112	109	70-135	2		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.5	21.6	108	108	73-140	0		

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Parameter	92714468009		MS		MSD		MS		MSD		% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	MS Spike Conc.	MS Result	MSD Result	% Rec	MSD % Rec						
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.6	22.3	113	112	65-134	1				
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	23.3	23.6	117	118	70-137	1				
1,2-Dichlorobenzene	ug/L	ND	20	20	23.1	22.6	116	113	70-133	2				
1,2-Dichloroethane	ug/L	ND	20	20	28.1	27.9	140	140	70-137	0	M1			
1,2-Dichloropropane	ug/L	ND	20	20	26.1	26.0	131	130	70-140	1				
1,3-Dichlorobenzene	ug/L	ND	20	20	22.5	22.6	113	113	70-135	0				
1,4-Dichlorobenzene	ug/L	ND	20	20	22.2	22.5	111	113	70-133	1				
1,4-Dioxane (p-Dioxane)	ug/L	ND	400	400	506	528	127	132	53-168	4				
2-Butanone (MEK)	ug/L	ND	40	40	54.4	54.6	136	136	60-139	0				
2-Hexanone	ug/L	ND	40	40	47.7	47.2	119	118	65-138	1				
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	47.5	48.9	119	122	65-135	3				
Acetone	ug/L	ND	40	40	53.7	52.7	133	130	60-148	2				
Benzene	ug/L	ND	20	20	26.3	27.7	130	137	70-151	5				
Bromochloromethane	ug/L	ND	20	20	28.9	29.6	145	148	70-141	2	M1			
Bromodichloromethane	ug/L	ND	20	20	25.9	26.6	129	133	70-138	3				
Bromoform	ug/L	ND	20	20	22.0	21.7	110	109	63-130	1				
Bromomethane	ug/L	ND	20	20	20.1	24.2	101	121	15-152	19	v3			
Carbon disulfide	ug/L	ND	20	20	30.8	30.0	154	150	69-149	3	M1			
Carbon tetrachloride	ug/L	ND	20	20	26.8	26.4	134	132	70-143	1				
Chlorobenzene	ug/L	ND	20	20	23.8	23.2	119	116	70-138	3				
Chloroethane	ug/L	ND	20	20	27.0	27.1	135	135	52-163	0				
Chloroform	ug/L	ND	20	20	25.5	27.8	127	139	70-139	9				
Chloromethane	ug/L	ND	20	20	16.8	29.6	84	148	41-139	55	M1, R1			
cis-1,2-Dichloroethene	ug/L	ND	20	20	26.6	27.4	133	137	70-141	3				
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.7	25.5	124	128	70-137	3				
Cyclohexane	ug/L	ND	20	20	29.6	28.4	148	142	70-151	4				
Dibromochloromethane	ug/L	ND	20	20	23.3	23.6	117	118	70-134	1				
Dichlorodifluoromethane	ug/L	ND	20	20	24.8	24.6	124	123	47-155	1				
Ethylbenzene	ug/L	ND	20	20	24.7	23.8	123	119	66-153	4				
Isopropylbenzene (Cumene)	ug/L	0.33J	20	20	24.7	24.0	122	119	70-139	3				
m&p-Xylene	ug/L	ND	40	40	48.7	48.4	122	121	69-152	1				
Methyl acetate	ug/L	ND	20	20	20.8	19.7	104	98	68-139	6				
Methyl-tert-butyl ether	ug/L	ND	20	20	24.7	24.8	124	124	54-156	0				
Methylcyclohexane	ug/L	ND	20	20	25.8	26.7	129	134	81-151	4				
Methylene Chloride	ug/L	ND	20	20	26.2	26.8	131	134	42-159	2				
o-Xylene	ug/L	ND	20	20	22.9	22.9	114	114	70-148	0				
Styrene	ug/L	ND	20	20	23.6	23.0	118	115	70-135	2				
Tetrachloroethene	ug/L	ND	20	20	22.9	22.6	114	113	59-143	1				
Toluene	ug/L	ND	20	20	25.5	25.6	127	128	59-148	0				
trans-1,2-Dichloroethene	ug/L	ND	20	20	26.6	26.2	133	131	70-146	2				
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.5	25.3	123	127	70-135	3				
Trichloroethene	ug/L	ND	20	20	27.3	26.3	137	132	70-147	4				
Trichlorofluoromethane	ug/L	ND	20	20	28.0	29.3	140	146	70-148	4				
Vinyl chloride	ug/L	ND	20	20	30.5	30.5	152	152	70-156	0				
Xylene (Total)	ug/L	ND	60	60	71.6	71.3	119	119	63-158	0				
1,2-Dichloroethane-d4 (S)	%						112	106	70-130					

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Parameter	Units	4311015		4311016		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		92714468009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result					
4-Bromofluorobenzene (S)	%					103	101	70-130		
Toluene-d8 (S)	%					102	102	70-130		

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 833461

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

METHOD BLANK: 4306819

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	5.0	02/20/24 08:02	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	02/20/24 08:02	
1,1,2-Trichloroethane	ug/kg	ND	5.0	02/20/24 08:02	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	5.0	02/20/24 08:02	
1,1-Dichloroethane	ug/kg	ND	5.0	02/20/24 08:02	
1,1-Dichloroethene	ug/kg	ND	5.0	02/20/24 08:02	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	02/20/24 08:02	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	02/20/24 08:02	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	02/20/24 08:02	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	02/20/24 08:02	
1,2-Dichlorobenzene	ug/kg	ND	5.0	02/20/24 08:02	
1,2-Dichloroethane	ug/kg	ND	5.0	02/20/24 08:02	
1,2-Dichloropropane	ug/kg	ND	5.0	02/20/24 08:02	
1,3-Dichlorobenzene	ug/kg	ND	5.0	02/20/24 08:02	
1,4-Dichlorobenzene	ug/kg	ND	5.0	02/20/24 08:02	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	150	02/20/24 08:02	
2-Butanone (MEK)	ug/kg	ND	100	02/20/24 08:02	
2-Hexanone	ug/kg	ND	50.0	02/20/24 08:02	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	02/20/24 08:02	
Acetone	ug/kg	ND	100	02/20/24 08:02	
Benzene	ug/kg	ND	5.0	02/20/24 08:02	
Bromochloromethane	ug/kg	ND	5.0	02/20/24 08:02	
Bromodichloromethane	ug/kg	ND	5.0	02/20/24 08:02	
Bromoform	ug/kg	ND	5.0	02/20/24 08:02	
Bromomethane	ug/kg	ND	20.0	02/20/24 08:02	IK
Carbon disulfide	ug/kg	ND	10.0	02/20/24 08:02	
Carbon tetrachloride	ug/kg	ND	5.0	02/20/24 08:02	
Chlorobenzene	ug/kg	ND	5.0	02/20/24 08:02	
Chloroethane	ug/kg	ND	10.0	02/20/24 08:02	
Chloroform	ug/kg	ND	5.0	02/20/24 08:02	
Chloromethane	ug/kg	ND	10.0	02/20/24 08:02	IH,v1
cis-1,2-Dichloroethene	ug/kg	ND	5.0	02/20/24 08:02	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	02/20/24 08:02	
Cyclohexane	ug/kg	ND	5.0	02/20/24 08:02	
Dibromochloromethane	ug/kg	ND	5.0	02/20/24 08:02	
Dichlorodifluoromethane	ug/kg	ND	10.0	02/20/24 08:02	IH,v1
Ethylbenzene	ug/kg	ND	5.0	02/20/24 08:02	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	02/20/24 08:02	
m&p-Xylene	ug/kg	ND	10.0	02/20/24 08:02	
Methyl acetate	ug/kg	ND	10.0	02/20/24 08:02	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

METHOD BLANK: 4306819

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methyl-tert-butyl ether	ug/kg	ND	5.0	02/20/24 08:02	
Methylcyclohexane	ug/kg	ND	10.0	02/20/24 08:02	
Methylene Chloride	ug/kg	ND	20.0	02/20/24 08:02	
o-Xylene	ug/kg	ND	5.0	02/20/24 08:02	
Styrene	ug/kg	ND	5.0	02/20/24 08:02	
Tetrachloroethene	ug/kg	ND	5.0	02/20/24 08:02	
Toluene	ug/kg	ND	5.0	02/20/24 08:02	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	02/20/24 08:02	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	02/20/24 08:02	
Trichloroethene	ug/kg	ND	5.0	02/20/24 08:02	
Trichlorofluoromethane	ug/kg	ND	5.0	02/20/24 08:02	
Vinyl chloride	ug/kg	ND	10.0	02/20/24 08:02	
1,2-Dichloroethane-d4 (S)	%	101	70-130	02/20/24 08:02	
4-Bromofluorobenzene (S)	%	104	70-130	02/20/24 08:02	
Toluene-d8 (S)	%	99	70-130	02/20/24 08:02	

LABORATORY CONTROL SAMPLE: 4306820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	500	522	104	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	500	540	108	70-130	
1,1,2-Trichloroethane	ug/kg	500	525	105	70-130	
1,1,2-Trichlorotrifluoroethane	ug/kg	500	549	110	57-152	
1,1-Dichloroethane	ug/kg	500	522	104	70-130	
1,1-Dichloroethene	ug/kg	500	572	114	70-132	
1,2,3-Trichlorobenzene	ug/kg	500	494	99	62-136	
1,2,4-Trichlorobenzene	ug/kg	500	483	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	500	489	98	65-130	
1,2-Dibromoethane (EDB)	ug/kg	500	538	108	70-130	
1,2-Dichlorobenzene	ug/kg	500	521	104	70-130	
1,2-Dichloroethane	ug/kg	500	509	102	70-130	
1,2-Dichloropropane	ug/kg	500	547	109	70-130	
1,3-Dichlorobenzene	ug/kg	500	515	103	70-130	
1,4-Dichlorobenzene	ug/kg	500	527	105	70-130	
1,4-Dioxane (p-Dioxane)	ug/kg	10000	10300	103	68-131	
2-Butanone (MEK)	ug/kg	1000	1050	105	66-130	
2-Hexanone	ug/kg	1000	1150	115	68-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	1000	1100	110	70-130	
Acetone	ug/kg	1000	963	96	60-130	
Benzene	ug/kg	500	535	107	70-130	
Bromochloromethane	ug/kg	500	543	109	70-130	
Bromodichloromethane	ug/kg	500	529	106	70-130	
Bromoform	ug/kg	500	578	116	70-130	
Bromomethane	ug/kg	500	497	99	43-175 IK	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: 4306820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	ug/kg	500	571	114	70-130	
Carbon tetrachloride	ug/kg	500	584	117	70-130	
Chlorobenzene	ug/kg	500	521	104	70-130	
Chloroethane	ug/kg	500	574	115	70-145	
Chloroform	ug/kg	500	511	102	70-130	
Chloromethane	ug/kg	500	702	140	66-146	IH,v1
cis-1,2-Dichloroethene	ug/kg	500	531	106	70-130	
cis-1,3-Dichloropropene	ug/kg	500	520	104	70-130	
Cyclohexane	ug/kg	500	554	111	60-140	
Dibromochloromethane	ug/kg	500	557	111	70-130	
Dichlorodifluoromethane	ug/kg	500	677	135	42-197	IH,v1
Ethylbenzene	ug/kg	500	557	111	70-130	
Isopropylbenzene (Cumene)	ug/kg	500	555	111	70-130	
m&p-Xylene	ug/kg	1000	1080	108	70-130	
Methyl acetate	ug/kg	500	494	99	67-130	
Methyl-tert-butyl ether	ug/kg	500	477	95	70-130	
Methylcyclohexane	ug/kg	500	538	108	54-140	
Methylene Chloride	ug/kg	500	531	106	65-130	
o-Xylene	ug/kg	500	549	110	70-130	
Styrene	ug/kg	500	560	112	70-130	
Tetrachloroethene	ug/kg	500	559	112	70-130	
Toluene	ug/kg	500	509	102	70-130	
trans-1,2-Dichloroethene	ug/kg	500	560	112	70-130	
trans-1,3-Dichloropropene	ug/kg	500	519	104	70-130	
Trichloroethene	ug/kg	500	535	107	70-130	
Trichlorofluoromethane	ug/kg	500	586	117	62-140	
Vinyl chloride	ug/kg	500	553	111	70-152	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 4306821

Parameter	Units	92714033001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	ND	746	640	86	23-172	
1,1,2,2-Tetrachloroethane	ug/kg	ND	746	778	104	21-158	
1,1,2-Trichloroethane	ug/kg	ND	746	652	87	25-160	
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	746	627	84	17-199	
1,1-Dichloroethane	ug/kg	ND	746	638	85	22-166	
1,1-Dichloroethene	ug/kg	ND	746	693	93	18-183	
1,2,3-Trichlorobenzene	ug/kg	ND	746	617	83	10-161	
1,2,4-Trichlorobenzene	ug/kg	ND	746	583	78	10-159	
1,2-Dibromo-3-chloropropane	ug/kg	ND	746	554	74	10-135	
1,2-Dibromoethane (EDB)	ug/kg	ND	746	612	82	30-154	
1,2-Dichlorobenzene	ug/kg	ND	746	595	80	26-162	

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**REPORT OF LABORATORY ANALYSIS**

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

MATRIX SPIKE SAMPLE: 4306821		92714033001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichloroethane	ug/kg	ND	746	614	82	23-161	
1,2-Dichloropropane	ug/kg	ND	746	644	86	29-165	
1,3-Dichlorobenzene	ug/kg	ND	746	594	80	22-164	
1,4-Dichlorobenzene	ug/kg	ND	746	579	78	20-161	
1,4-Dioxane (p-Dioxane)	ug/kg	ND	14900	11600	78	29-153	
2-Butanone (MEK)	ug/kg	ND	1490	1160	77	13-143	
2-Hexanone	ug/kg	ND	1490	1240	83	19-145	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1490	1820	122	21-151	
Acetone	ug/kg	ND	1490	1090	73	10-133	
Benzene	ug/kg	ND	746	651	87	29-156	
Bromochloromethane	ug/kg	ND	746	650	87	27-158	
Bromodichloromethane	ug/kg	ND	746	619	83	23-158	
Bromoform	ug/kg	ND	746	614	82	19-152	
Bromomethane	ug/kg	ND	746	90.3	12	10-152	IK
Carbon disulfide	ug/kg	ND	746	651	87	27-169	
Carbon tetrachloride	ug/kg	ND	746	699	94	18-172	
Chlorobenzene	ug/kg	ND	746	610	82	26-166	
Chloroethane	ug/kg	ND	746	91.5	12	10-130	
Chloroform	ug/kg	ND	746	614	82	25-161	
Chloromethane	ug/kg	ND	746	922	123	27-197	IH,v1
cis-1,2-Dichloroethene	ug/kg	ND	746	644	86	28-165	
cis-1,3-Dichloropropene	ug/kg	ND	746	607	81	23-159	
Cyclohexane	ug/kg	ND	746	734	98	25-200	
Dibromochloromethane	ug/kg	ND	746	627	84	21-151	
Dichlorodifluoromethane	ug/kg	ND	746	780	104	10-200	IH,v1
Ethylbenzene	ug/kg	ND	746	656	88	22-163	
Isopropylbenzene (Cumene)	ug/kg	ND	746	655	88	24-173	
m&p-Xylene	ug/kg	ND	1490	1260	84	22-171	
Methyl acetate	ug/kg	ND	746	654	88	28-176	
Methyl-tert-butyl ether	ug/kg	ND	746	549	74	25-153	
Methylcyclohexane	ug/kg	118	746	793	90	11-200	
Methylene Chloride	ug/kg	ND	746	629	84	10-165	
o-Xylene	ug/kg	ND	746	642	86	23-171	
Styrene	ug/kg	ND	746	650	87	25-169	
Tetrachloroethene	ug/kg	ND	746	590	79	14-171	
Toluene	ug/kg	ND	746	608	81	24-166	
trans-1,2-Dichloroethene	ug/kg	ND	746	652	87	24-170	
trans-1,3-Dichloropropene	ug/kg	ND	746	592	79	22-157	
Trichloroethene	ug/kg	ND	746	631	85	23-176	
Trichlorofluoromethane	ug/kg	ND	746	157	21	10-138	
Vinyl chloride	ug/kg	ND	746	708	95	21-200	
1,2-Dichloroethane-d4 (S)	%				94	70-130	
4-Bromofluorobenzene (S)	%				105	70-130	
Toluene-d8 (S)	%				100	70-130	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

SAMPLE DUPLICATE: 4306822

Parameter	Units	92714033002 Result	Dup Result	RPD	Qualifiers
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		
1,1,2-Trichlorotrifluoroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	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		
1,2-Dichloropropane	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
1,4-Dioxane (p-Dioxane)	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	ND		
Benzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		IK
Carbon disulfide	ug/kg	ND	ND		
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		IH,v1
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Cyclohexane	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		IH,v1
Ethylbenzene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		
m&p-Xylene	ug/kg	ND	ND		
Methyl acetate	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylcyclohexane	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
o-Xylene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

SAMPLE DUPLICATE: 4306822

Parameter	Units	92714033002 Result	Dup Result	RPD	Qualifiers
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 chloride	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	97	97		
4-Bromofluorobenzene (S)	%	102	101		
Toluene-d8 (S)	%	99	99		

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QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 833948

Analysis Method: EPA 8082A

QC Batch Method: EPA 3546

Analysis Description: 8082 GCS PCB

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714033001, 92714033005

METHOD BLANK: 4309023

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033005

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Rows include PCB-1016, PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, PCB-1260, and Decachlorobiphenyl (S).

LABORATORY CONTROL SAMPLE: 4309024

Table with 7 columns: Parameter, Units, Spike Conc., LCS Result, LCS % Rec, % Rec Limits, Qualifiers. Rows include PCB-1016, PCB-1260, and Decachlorobiphenyl (S).

MATRIX SPIKE SAMPLE: 4309087

Table with 8 columns: Parameter, Units, 92713300001 Result, Spike Conc., MS Result, MS % Rec, % Rec Limits, Qualifiers. Rows include PCB-1016, PCB-1260, and Decachlorobiphenyl (S).

SAMPLE DUPLICATE: 4309088

Table with 6 columns: Parameter, Units, 92713300002 Result, Dup Result, RPD, Qualifiers. Rows include PCB-1016, PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, PCB-1260, and Decachlorobiphenyl (S).

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REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 835568

Analysis Method: EPA 8270E

QC Batch Method: EPA 3546

Analysis Description: 8270E Solid MSSV Microwave

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

METHOD BLANK: 4316661

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/kg	ND	325	03/01/24 07:41	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	325	03/01/24 07:41	
2,3,4,6-Tetrachlorophenol	ug/kg	ND	325	03/01/24 07:41	
2,4,5-Trichlorophenol	ug/kg	ND	325	03/01/24 07:41	
2,4,6-Trichlorophenol	ug/kg	ND	325	03/01/24 07:41	
2,4-Dichlorophenol	ug/kg	ND	325	03/01/24 07:41	
2,4-Dimethylphenol	ug/kg	ND	325	03/01/24 07:41	
2,4-Dinitrophenol	ug/kg	ND	1620	03/01/24 07:41	v1
2,4-Dinitrotoluene	ug/kg	ND	325	03/01/24 07:41	
2,6-Dinitrotoluene	ug/kg	ND	325	03/01/24 07:41	
2-Chloronaphthalene	ug/kg	ND	325	03/01/24 07:41	
2-Chlorophenol	ug/kg	ND	325	03/01/24 07:41	
2-Methylnaphthalene	ug/kg	ND	325	03/01/24 07:41	
2-Methylphenol(o-Cresol)	ug/kg	ND	325	03/01/24 07:41	
2-Nitroaniline	ug/kg	ND	1620	03/01/24 07:41	
2-Nitrophenol	ug/kg	ND	325	03/01/24 07:41	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	325	03/01/24 07:41	
3,3'-Dichlorobenzidine	ug/kg	ND	649	03/01/24 07:41	
3-Nitroaniline	ug/kg	ND	1620	03/01/24 07:41	
4,6-Dinitro-2-methylphenol	ug/kg	ND	649	03/01/24 07:41	
4-Bromophenylphenyl ether	ug/kg	ND	325	03/01/24 07:41	
4-Chloro-3-methylphenol	ug/kg	ND	649	03/01/24 07:41	
4-Chloroaniline	ug/kg	ND	649	03/01/24 07:41	
4-Chlorophenylphenyl ether	ug/kg	ND	325	03/01/24 07:41	
4-Nitroaniline	ug/kg	ND	649	03/01/24 07:41	
4-Nitrophenol	ug/kg	ND	1620	03/01/24 07:41	
Acenaphthene	ug/kg	ND	325	03/01/24 07:41	
Acenaphthylene	ug/kg	ND	325	03/01/24 07:41	
Acetophenone	ug/kg	ND	325	03/01/24 07:41	
Anthracene	ug/kg	ND	325	03/01/24 07:41	
Atrazine	ug/kg	ND	325	03/01/24 07:41	
Benzaldehyde	ug/kg	ND	325	03/01/24 07:41	
Benzo(a)anthracene	ug/kg	ND	325	03/01/24 07:41	
Benzo(a)pyrene	ug/kg	ND	325	03/01/24 07:41	
Benzo(b)fluoranthene	ug/kg	ND	325	03/01/24 07:41	
Benzo(g,h,i)perylene	ug/kg	ND	325	03/01/24 07:41	
Benzo(k)fluoranthene	ug/kg	ND	325	03/01/24 07:41	
Biphenyl (Diphenyl)	ug/kg	ND	325	03/01/24 07:41	
bis(2-Chloroethoxy)methane	ug/kg	ND	325	03/01/24 07:41	
bis(2-Chloroethyl) ether	ug/kg	ND	325	03/01/24 07:41	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

METHOD BLANK: 4316661

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/kg	ND	325	03/01/24 07:41	
Butylbenzylphthalate	ug/kg	ND	325	03/01/24 07:41	
Caprolactam	ug/kg	ND	325	03/01/24 07:41	
Carbazole	ug/kg	ND	325	03/01/24 07:41	
Chrysene	ug/kg	ND	325	03/01/24 07:41	
Di-n-butylphthalate	ug/kg	ND	325	03/01/24 07:41	
Di-n-octylphthalate	ug/kg	ND	325	03/01/24 07:41	
Dibenz(a,h)anthracene	ug/kg	ND	325	03/01/24 07:41	
Dibenzofuran	ug/kg	ND	325	03/01/24 07:41	
Diethylphthalate	ug/kg	ND	325	03/01/24 07:41	
Dimethylphthalate	ug/kg	ND	325	03/01/24 07:41	
Fluoranthene	ug/kg	ND	325	03/01/24 07:41	
Fluorene	ug/kg	ND	325	03/01/24 07:41	
Hexachloro-1,3-butadiene	ug/kg	ND	325	03/01/24 07:41	
Hexachlorobenzene	ug/kg	ND	325	03/01/24 07:41	
Hexachlorocyclopentadiene	ug/kg	ND	325	03/01/24 07:41	
Hexachloroethane	ug/kg	ND	325	03/01/24 07:41	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	325	03/01/24 07:41	
Isophorone	ug/kg	ND	325	03/01/24 07:41	
N-Nitroso-di-n-propylamine	ug/kg	ND	325	03/01/24 07:41	
N-Nitrosodiphenylamine	ug/kg	ND	325	03/01/24 07:41	
Naphthalene	ug/kg	ND	325	03/01/24 07:41	
Nitrobenzene	ug/kg	ND	325	03/01/24 07:41	
Pentachlorophenol	ug/kg	ND	649	03/01/24 07:41	
Phenanthrene	ug/kg	ND	325	03/01/24 07:41	
Phenol	ug/kg	ND	325	03/01/24 07:41	
Pyrene	ug/kg	ND	325	03/01/24 07:41	
2,4,6-Tribromophenol (S)	%	54	10-130	03/01/24 07:41	
2-Fluorobiphenyl (S)	%	52	10-130	03/01/24 07:41	
2-Fluorophenol (S)	%	53	10-130	03/01/24 07:41	
Nitrobenzene-d5 (S)	%	50	10-130	03/01/24 07:41	
Phenol-d6 (S)	%	52	10-130	03/01/24 07:41	
Terphenyl-d14 (S)	%	62	10-130	03/01/24 07:41	

LABORATORY CONTROL SAMPLE: 4316662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/kg	1690	1040	61	39-130	
2,2'-Oxybis(1-chloropropane)	ug/kg	1690	809	48	12-130	
2,3,4,6-Tetrachlorophenol	ug/kg	1690	972	58	45-130	
2,4,5-Trichlorophenol	ug/kg	1690	1010	60	49-130	
2,4,6-Trichlorophenol	ug/kg	1690	976	58	48-130	
2,4-Dichlorophenol	ug/kg	1690	971	57	45-130	
2,4-Dimethylphenol	ug/kg	1690	967	57	45-130	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: 4316662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrophenol	ug/kg	8450	4490	53	23-130	v1
2,4-Dinitrotoluene	ug/kg	1690	930	55	50-130	
2,6-Dinitrotoluene	ug/kg	1690	925	55	53-130	
2-Chloronaphthalene	ug/kg	1690	871	52	46-130	
2-Chlorophenol	ug/kg	1690	926	55	39-130	
2-Methylnaphthalene	ug/kg	1690	929	55	45-130	
2-Methylphenol(o-Cresol)	ug/kg	1690	932	55	38-130	
2-Nitroaniline	ug/kg	3380	1800	53	43-130	
2-Nitrophenol	ug/kg	1690	889	53	43-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	1690	1060	62	34-130	
3,3'-Dichlorobenzidine	ug/kg	3380	1860	55	68-130	L2
3-Nitroaniline	ug/kg	3380	1860	55	36-130	
4,6-Dinitro-2-methylphenol	ug/kg	3380	1990	59	38-130	
4-Bromophenylphenyl ether	ug/kg	1690	957	57	52-130	
4-Chloro-3-methylphenol	ug/kg	3380	1940	57	45-130	
4-Chloroaniline	ug/kg	3380	1880	56	41-130	
4-Chlorophenylphenyl ether	ug/kg	1690	1010	60	46-130	
4-Nitroaniline	ug/kg	3380	1930	57	40-130	
4-Nitrophenol	ug/kg	8450	5190	61	34-130	
Acenaphthene	ug/kg	1690	928	55	47-130	
Acenaphthylene	ug/kg	1690	934	55	50-130	
Acetophenone	ug/kg	1690	918	54	38-130	
Anthracene	ug/kg	1690	915	54	46-130	
Atrazine	ug/kg	1690	897	53	10-130	
Benzaldehyde	ug/kg	1690	1100	65	22-130	
Benzo(a)anthracene	ug/kg	1690	1000	59	49-130	
Benzo(a)pyrene	ug/kg	1690	1020	60	45-130	
Benzo(b)fluoranthene	ug/kg	1690	1110	66	45-130	
Benzo(g,h,i)perylene	ug/kg	1690	917	54	44-130	
Benzo(k)fluoranthene	ug/kg	1690	1020	60	46-130	
Biphenyl (Diphenyl)	ug/kg	1690	883	52	49-130	
bis(2-Chloroethoxy)methane	ug/kg	1690	936	55	41-130	
bis(2-Chloroethyl) ether	ug/kg	1690	843	50	34-130	
bis(2-Ethylhexyl)phthalate	ug/kg	1690	926	55	39-130	
Butylbenzylphthalate	ug/kg	1690	934	55	48-130	
Caprolactam	ug/kg	1690	992	59	10-130	
Carbazole	ug/kg	1690	932	55	50-130	
Chrysene	ug/kg	1690	1010	60	50-130	
Di-n-butylphthalate	ug/kg	1690	893	53	46-130	
Di-n-octylphthalate	ug/kg	1690	915	54	49-130	
Dibenz(a,h)anthracene	ug/kg	1690	986	58	46-130	
Dibenzofuran	ug/kg	1690	927	55	49-130	
Diethylphthalate	ug/kg	1690	953	56	49-130	
Dimethylphthalate	ug/kg	1690	926	55	50-130	
Fluoranthene	ug/kg	1690	937	55	49-130	
Fluorene	ug/kg	1690	984	58	47-130	
Hexachloro-1,3-butadiene	ug/kg	1690	901	53	36-130	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: 4316662

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/kg	1690	955	57	52-130	
Hexachlorocyclopentadiene	ug/kg	1690	865	51	10-130	
Hexachloroethane	ug/kg	1690	772	46	36-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1690	967	57	44-130	
Isophorone	ug/kg	1690	891	53	40-130	
N-Nitroso-di-n-propylamine	ug/kg	1690	943	56	34-130	
N-Nitrosodiphenylamine	ug/kg	1690	893	53	47-130	
Naphthalene	ug/kg	1690	885	52	43-130	
Nitrobenzene	ug/kg	1690	816	48	41-130	
Pentachlorophenol	ug/kg	3380	1930	57	35-130	
Phenanthrene	ug/kg	1690	934	55	50-130	
Phenol	ug/kg	1690	930	55	39-130	
Pyrene	ug/kg	1690	965	57	51-130	
2,4,6-Tribromophenol (S)	%			57	10-130	
2-Fluorobiphenyl (S)	%			52	10-130	
2-Fluorophenol (S)	%			53	10-130	
Nitrobenzene-d5 (S)	%			51	10-130	
Phenol-d6 (S)	%			54	10-130	
Terphenyl-d14 (S)	%			58	10-130	

MATRIX SPIKE SAMPLE: 4316663

Parameter	Units	92714033001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/kg	ND	2160	1490	69	10-141	
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	2160	1050	48	10-130	
2,3,4,6-Tetrachlorophenol	ug/kg	ND	2160	1350	62	10-130	
2,4,5-Trichlorophenol	ug/kg	ND	2160	1380	64	18-130	
2,4,6-Trichlorophenol	ug/kg	ND	2160	1360	63	17-130	
2,4-Dichlorophenol	ug/kg	ND	2160	1340	62	19-130	
2,4-Dimethylphenol	ug/kg	ND	2160	1340	62	17-130	
2,4-Dinitrophenol	ug/kg	ND	10800	7020	65	10-130 v1	
2,4-Dinitrotoluene	ug/kg	ND	2160	1250	58	31-130	
2,6-Dinitrotoluene	ug/kg	ND	2160	1260	58	33-130	
2-Chloronaphthalene	ug/kg	ND	2160	1160	54	26-130	
2-Chlorophenol	ug/kg	ND	2160	1260	58	19-130	
2-Methylnaphthalene	ug/kg	ND	2160	1210	56	26-130	
2-Methylphenol(o-Cresol)	ug/kg	ND	2160	1300	60	19-130	
2-Nitroaniline	ug/kg	ND	4310	2460	57	29-130	
2-Nitrophenol	ug/kg	ND	2160	1190	55	16-130	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2160	1440	67	14-130	
3,3'-Dichlorobenzidine	ug/kg	ND	4310	2610	60	16-130 L2	
3-Nitroaniline	ug/kg	ND	4310	2490	58	28-130	
4,6-Dinitro-2-methylphenol	ug/kg	ND	4310	2820	65	10-131	
4-Bromophenylphenyl ether	ug/kg	ND	2160	1270	59	32-130	
4-Chloro-3-methylphenol	ug/kg	ND	4310	2660	62	26-130	

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**REPORT OF LABORATORY ANALYSIS**

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

MATRIX SPIKE SAMPLE: 4316663		92714033001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
4-Chloroaniline	ug/kg	ND	4310	2480	57	19-130	
4-Chlorophenylphenyl ether	ug/kg	ND	2160	1310	61	29-130	
4-Nitroaniline	ug/kg	ND	4310	2530	58	22-130	
4-Nitrophenol	ug/kg	ND	10800	6890	64	10-130	
Acenaphthene	ug/kg	ND	2160	1270	59	29-130	
Acenaphthylene	ug/kg	ND	2160	1260	58	27-130	
Acetophenone	ug/kg	ND	2160	1250	58	18-130	
Anthracene	ug/kg	ND	2160	1230	57	26-130	
Atrazine	ug/kg	ND	2160	985	46	10-130	
Benzaldehyde	ug/kg	ND	2160	1410	65	22-130	
Benzo(a)anthracene	ug/kg	ND	2160	1370	63	31-130	
Benzo(a)pyrene	ug/kg	ND	2160	1390	65	24-130	
Benzo(b)fluoranthene	ug/kg	ND	2160	1560	72	12-137	
Benzo(g,h,i)perylene	ug/kg	ND	2160	1290	60	16-130	
Benzo(k)fluoranthene	ug/kg	ND	2160	1440	67	27-130	
Biphenyl (Diphenyl)	ug/kg	ND	2160	1180	55	32-130	
bis(2-Chloroethoxy)methane	ug/kg	ND	2160	1290	60	26-130	
bis(2-Chloroethyl) ether	ug/kg	ND	2160	1140	53	23-130	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2160	1360	63	20-130	
Butylbenzylphthalate	ug/kg	ND	2160	1330	62	28-130	
Caprolactam	ug/kg	ND	2160	1400	65	10-130	
Carbazole	ug/kg	ND	2160	1270	59	27-130	
Chrysene	ug/kg	ND	2160	1370	63	29-130	
Di-n-butylphthalate	ug/kg	ND	2160	1190	55	29-130	
Di-n-octylphthalate	ug/kg	ND	2160	1270	59	30-130	
Dibenz(a,h)anthracene	ug/kg	ND	2160	1380	64	27-130	
Dibenzofuran	ug/kg	ND	2160	1240	58	33-130	
Diethylphthalate	ug/kg	ND	2160	1290	60	34-130	
Dimethylphthalate	ug/kg	ND	2160	1310	61	35-130	
Fluoranthene	ug/kg	ND	2160	1200	56	26-130	
Fluorene	ug/kg	ND	2160	1270	59	27-130	
Hexachloro-1,3-butadiene	ug/kg	ND	2160	1020	47	19-130	
Hexachlorobenzene	ug/kg	ND	2160	1250	58	31-130	
Hexachlorocyclopentadiene	ug/kg	ND	2160	1100	51	10-130	
Hexachloroethane	ug/kg	ND	2160	784	36	21-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2160	1290	60	16-130	
Isophorone	ug/kg	ND	2160	1220	57	29-130	
N-Nitroso-di-n-propylamine	ug/kg	ND	2160	1300	60	22-130	
N-Nitrosodiphenylamine	ug/kg	ND	2160	1260	59	30-130	
Naphthalene	ug/kg	ND	2160	1150	53	24-130	
Nitrobenzene	ug/kg	ND	2160	1060	49	25-130	
Pentachlorophenol	ug/kg	ND	4310	2790	65	10-130	
Phenanthrene	ug/kg	ND	2160	1260	58	28-130	
Phenol	ug/kg	ND	2160	1210	56	18-130	
Pyrene	ug/kg	ND	2160	1420	66	27-130	
2,4,6-Tribromophenol (S)	%				62	10-130	
2-Fluorobiphenyl (S)	%				50	10-130	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

MATRIX SPIKE SAMPLE: 4316663		92714033001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
2-Fluorophenol (S)	%				54	10-130	
Nitrobenzene-d5 (S)	%				51	10-130	
Phenol-d6 (S)	%				54	10-130	
Terphenyl-d14 (S)	%				57	10-130	

SAMPLE DUPLICATE: 4316664

Parameter	Units	92714033002	Dup	RPD	Qualifiers
		Result	Result		
1,2,4,5-Tetrachlorobenzene	ug/kg	ND	ND		
2,2'-Oxybis(1-chloropropane)	ug/kg	ND	ND		
2,3,4,6-Tetrachlorophenol	ug/kg	ND	ND		
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		
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		L2
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		
Acetophenone	ug/kg	ND	ND		
Anthracene	ug/kg	ND	ND		
Atrazine	ug/kg	ND	ND		
Benzaldehyde	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		

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

SAMPLE DUPLICATE: 4316664

Parameter	Units	92714033002 Result	Dup Result	RPD	Qualifiers
Biphenyl (Diphenyl)	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		
Caprolactam	ug/kg	ND	ND		
Carbazole	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-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		
2,4,6-Tribromophenol (S)	%	53	51		
2-Fluorobiphenyl (S)	%	55	59		
2-Fluorophenol (S)	%	54	56		
Nitrobenzene-d5 (S)	%	60	67		
Phenol-d6 (S)	%	54	58		
Terphenyl-d14 (S)	%	51	50		

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 833830

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water APP9 RV MSSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714033006

METHOD BLANK: 4308507

Matrix: Water

Associated Lab Samples: 92714033006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	02/23/24 12:04	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	02/23/24 12:04	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	02/23/24 12:04	
2,4,5-Trichlorophenol	ug/L	ND	10.0	02/23/24 12:04	
2,4,6-Trichlorophenol	ug/L	ND	10.0	02/23/24 12:04	
2,4-Dichlorophenol	ug/L	ND	10.0	02/23/24 12:04	
2,4-Dimethylphenol	ug/L	ND	10.0	02/23/24 12:04	
2,4-Dinitrophenol	ug/L	ND	50.0	02/23/24 12:04	
2,4-Dinitrotoluene	ug/L	ND	10.0	02/23/24 12:04	
2,6-Dinitrotoluene	ug/L	ND	10.0	02/23/24 12:04	
2-Chloronaphthalene	ug/L	ND	10.0	02/23/24 12:04	
2-Chlorophenol	ug/L	ND	10.0	02/23/24 12:04	
2-Methylnaphthalene	ug/L	ND	10.0	02/23/24 12:04	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	02/23/24 12:04	
2-Nitroaniline	ug/L	ND	20.0	02/23/24 12:04	
2-Nitrophenol	ug/L	ND	10.0	02/23/24 12:04	v1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	02/23/24 12:04	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	02/23/24 12:04	
3-Nitroaniline	ug/L	ND	20.0	02/23/24 12:04	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	02/23/24 12:04	
4-Bromophenylphenyl ether	ug/L	ND	10.0	02/23/24 12:04	
4-Chloro-3-methylphenol	ug/L	ND	10.0	02/23/24 12:04	
4-Chloroaniline	ug/L	ND	20.0	02/23/24 12:04	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	02/23/24 12:04	
4-Nitroaniline	ug/L	ND	20.0	02/23/24 12:04	
4-Nitrophenol	ug/L	ND	50.0	02/23/24 12:04	
Acenaphthene	ug/L	ND	10.0	02/23/24 12:04	
Acenaphthylene	ug/L	ND	10.0	02/23/24 12:04	
Acetophenone	ug/L	ND	10.0	02/23/24 12:04	
Anthracene	ug/L	ND	10.0	02/23/24 12:04	
Atrazine	ug/L	ND	10.0	02/23/24 12:04	
Benzaldehyde	ug/L	ND	10.0	02/23/24 12:04	
Benzo(a)anthracene	ug/L	ND	10.0	02/23/24 12:04	
Benzo(a)pyrene	ug/L	ND	10.0	02/23/24 12:04	
Benzo(b)fluoranthene	ug/L	ND	10.0	02/23/24 12:04	
Benzo(g,h,i)perylene	ug/L	ND	10.0	02/23/24 12:04	
Benzo(k)fluoranthene	ug/L	ND	10.0	02/23/24 12:04	
Biphenyl (Diphenyl)	ug/L	ND	10.0	02/23/24 12:04	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	02/23/24 12:04	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	02/23/24 12:04	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

METHOD BLANK: 4308507

Matrix: Water

Associated Lab Samples: 92714033006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	02/23/24 12:04	
Butylbenzylphthalate	ug/L	ND	10.0	02/23/24 12:04	
Caprolactam	ug/L	ND	10.0	02/23/24 12:04	
Carbazole	ug/L	ND	10.0	02/23/24 12:04	
Chrysene	ug/L	ND	10.0	02/23/24 12:04	
Di-n-butylphthalate	ug/L	ND	10.0	02/23/24 12:04	
Di-n-octylphthalate	ug/L	ND	10.0	02/23/24 12:04	
Dibenz(a,h)anthracene	ug/L	ND	10.0	02/23/24 12:04	
Dibenzofuran	ug/L	ND	10.0	02/23/24 12:04	
Diethylphthalate	ug/L	ND	10.0	02/23/24 12:04	
Dimethylphthalate	ug/L	ND	10.0	02/23/24 12:04	
Fluoranthene	ug/L	ND	10.0	02/23/24 12:04	
Fluorene	ug/L	ND	10.0	02/23/24 12:04	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	02/23/24 12:04	
Hexachlorobenzene	ug/L	ND	10.0	02/23/24 12:04	
Hexachlorocyclopentadiene	ug/L	ND	10.0	02/23/24 12:04	
Hexachloroethane	ug/L	ND	10.0	02/23/24 12:04	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	02/23/24 12:04	
Isophorone	ug/L	ND	10.0	02/23/24 12:04	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	02/23/24 12:04	
N-Nitrosodiphenylamine	ug/L	ND	10.0	02/23/24 12:04	
Naphthalene	ug/L	ND	10.0	02/23/24 12:04	
Nitrobenzene	ug/L	ND	10.0	02/23/24 12:04	
Pentachlorophenol	ug/L	ND	20.0	02/23/24 12:04	
Phenanthrene	ug/L	ND	10.0	02/23/24 12:04	
Phenol	ug/L	ND	10.0	02/23/24 12:04	
Pyrene	ug/L	ND	10.0	02/23/24 12:04	
2,4,6-Tribromophenol (S)	%	87	10-166	02/23/24 12:04	
2-Fluorobiphenyl (S)	%	71	10-130	02/23/24 12:04	
2-Fluorophenol (S)	%	59	10-130	02/23/24 12:04	
Nitrobenzene-d5 (S)	%	83	10-133	02/23/24 12:04	
Phenol-d6 (S)	%	47	10-130	02/23/24 12:04	
Terphenyl-d14 (S)	%	100	10-193	02/23/24 12:04	

LABORATORY CONTROL SAMPLE: 4308508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	32.4	65	18-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	37.7	75	23-130	
2,3,4,6-Tetrachlorophenol	ug/L	50	50.8	102	38-154	
2,4,5-Trichlorophenol	ug/L	50	48.4	97	36-150	
2,4,6-Trichlorophenol	ug/L	50	46.5	93	30-151	
2,4-Dichlorophenol	ug/L	50	40.2	80	36-140	
2,4-Dimethylphenol	ug/L	50	42.4	85	36-155	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: 4308508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrophenol	ug/L	250	277	111	10-169	
2,4-Dinitrotoluene	ug/L	50	50.5	101	46-160	
2,6-Dinitrotoluene	ug/L	50	51.6	103	47-161	
2-Chloronaphthalene	ug/L	50	37.8	76	29-134	
2-Chlorophenol	ug/L	50	39.2	78	29-130	
2-Methylnaphthalene	ug/L	50	38.9	78	26-130	
2-Methylphenol(o-Cresol)	ug/L	50	35.8	72	32-130	
2-Nitroaniline	ug/L	100	97.8	98	41-150	
2-Nitrophenol	ug/L	50	46.1	92	31-145 v1	
3&4-Methylphenol(m&p Cresol)	ug/L	50	35.4	71	29-130	
3,3'-Dichlorobenzidine	ug/L	100	104	104	46-153	
3-Nitroaniline	ug/L	100	102	102	47-156	
4,6-Dinitro-2-methylphenol	ug/L	100	109	109	23-161	
4-Bromophenylphenyl ether	ug/L	50	47.8	96	45-143	
4-Chloro-3-methylphenol	ug/L	100	86.4	86	42-143	
4-Chloroaniline	ug/L	100	74.1	74	37-135	
4-Chlorophenylphenyl ether	ug/L	50	45.9	92	43-140	
4-Nitroaniline	ug/L	100	104	104	47-157	
4-Nitrophenol	ug/L	250	166	66	10-130	
Acenaphthene	ug/L	50	41.9	84	38-138	
Acenaphthylene	ug/L	50	42.4	85	39-139	
Acetophenone	ug/L	50	40.7	81	34-135	
Anthracene	ug/L	50	46.6	93	45-136	
Atrazine	ug/L	50	27.0	54	23-145	
Benzaldehyde	ug/L	50	30.8	62	11-140	
Benzo(a)anthracene	ug/L	50	50.5	101	52-151	
Benzo(a)pyrene	ug/L	50	51.5	103	46-165	
Benzo(b)fluoranthene	ug/L	50	57.0	114	44-170	
Benzo(g,h,i)perylene	ug/L	50	47.6	95	39-171	
Benzo(k)fluoranthene	ug/L	50	51.6	103	43-168	
Biphenyl (Diphenyl)	ug/L	50	39.5	79	34-130	
bis(2-Chloroethoxy)methane	ug/L	50	41.2	82	37-140	
bis(2-Chloroethyl) ether	ug/L	50	38.8	78	33-136	
bis(2-Ethylhexyl)phthalate	ug/L	50	54.2	108	50-169	
Butylbenzylphthalate	ug/L	50	57.8	116	50-174	
Caprolactam	ug/L	50	15.0	30	10-130	
Carbazole	ug/L	50	48.1	96	52-151	
Chrysene	ug/L	50	50.5	101	52-148	
Di-n-butylphthalate	ug/L	50	48.9	98	51-154	
Di-n-octylphthalate	ug/L	50	53.1	106	44-170	
Dibenz(a,h)anthracene	ug/L	50	48.6	97	41-171	
Dibenzofuran	ug/L	50	40.8	82	42-157	
Diethylphthalate	ug/L	50	48.8	98	50-149	
Dimethylphthalate	ug/L	50	47.0	94	47-146	
Fluoranthene	ug/L	50	46.5	93	51-152	
Fluorene	ug/L	50	46.3	93	46-143	
Hexachloro-1,3-butadiene	ug/L	50	30.6	61	10-130	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

LABORATORY CONTROL SAMPLE: 4308508

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/L	50	46.4	93	40-139	
Hexachlorocyclopentadiene	ug/L	50	38.1	76	10-130	
Hexachloroethane	ug/L	50	24.6	49	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	46.9	94	40-172	
Isophorone	ug/L	50	40.1	80	37-143	
N-Nitroso-di-n-propylamine	ug/L	50	42.4	85	38-145	
N-Nitrosodiphenylamine	ug/L	50	47.3	95	46-144	
Naphthalene	ug/L	50	36.3	73	21-130	
Nitrobenzene	ug/L	50	38.2	76	33-136	
Pentachlorophenol	ug/L	100	101	101	19-156	
Phenanthrene	ug/L	50	47.4	95	49-143	
Phenol	ug/L	50	25.2	50	18-130	
Pyrene	ug/L	50	53.1	106	48-156	
2,4,6-Tribromophenol (S)	%			97	10-166	
2-Fluorobiphenyl (S)	%			69	10-130	
2-Fluorophenol (S)	%			55	10-130	
Nitrobenzene-d5 (S)	%			75	10-133	
Phenol-d6 (S)	%			45	10-130	
Terphenyl-d14 (S)	%			91	10-193	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4308509 4308510

Parameter	92714014001		MS	MSD	MS		MSD		% Rec Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec			
1,2,4,5-Tetrachlorobenzene	ug/L	ND	100	100	78.2	73.3	78	73	10-136	6	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	100	100	105	87.3	105	87	10-132	19	
2,3,4,6-Tetrachlorophenol	ug/L	ND	100	100	137	117	137	117	10-185	16 v1	
2,4,5-Trichlorophenol	ug/L	ND	100	100	120	103	120	103	10-174	15	
2,4,6-Trichlorophenol	ug/L	ND	100	100	118	99.4	118	99	10-173	17	
2,4-Dichlorophenol	ug/L	ND	100	100	105	85.8	105	86	10-153	20	
2,4-Dimethylphenol	ug/L	ND	100	100	116	94.9	116	95	12-157	20	
2,4-Dinitrophenol	ug/L	ND	500	500	802	416	160	83	10-165	63 R1,v1	
2,4-Dinitrotoluene	ug/L	ND	100	100	146	122	146	122	29-168	18	
2,6-Dinitrotoluene	ug/L	ND	100	100	133	112	133	112	28-168	17	
2-Chloronaphthalene	ug/L	ND	100	100	95.0	81.8	95	82	11-136	15	
2-Chlorophenol	ug/L	ND	100	100	103	87.8	103	88	10-134	16	
2-Methylnaphthalene	ug/L	ND	100	100	101	85.5	101	85	10-131	16	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	102	82.1	102	82	10-130	22	
2-Nitroaniline	ug/L	ND	200	200	241	198	121	99	19-156	20	
2-Nitrophenol	ug/L	ND	100	100	119	103	119	103	10-160	14 v1	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	99.3	81.4	99	81	10-132	20	
3,3'-Dichlorobenzidine	ug/L	ND	200	200	331	258	166	129	10-173	25	
3-Nitroaniline	ug/L	ND	200	200	268	225	134	112	19-169	18	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	340	257	170	128	10-178	28 v1	

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**REPORT OF LABORATORY ANALYSIS**

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714033

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4308509 4308510												
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		92714014001 Result	Spike Conc.	Spike Conc.	MSD Conc.							
4-Bromophenylphenyl ether	ug/L	ND	100	100	100	121	99.2	121	99	28-149	20	
4-Chloro-3-methylphenol	ug/L	ND	200	200	200	238	196	119	98	18-148	19	
4-Chloroaniline	ug/L	ND	200	200	200	211	184	105	92	10-141	13	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	100	119	98.4	119	98	24-144	19	
4-Nitroaniline	ug/L	ND	200	200	200	332	259	166	130	18-170	25	
4-Nitrophenol	ug/L	ND	500	500	500	528	402	106	80	10-130	27	
Acenaphthene	ug/L	ND	100	100	100	109	91.0	109	91	18-142	18	
Acenaphthylene	ug/L	ND	100	100	100	109	91.3	109	91	18-143	17	
Acetophenone	ug/L	ND	100	100	100	117	95.7	117	96	10-142	20	
Anthracene	ug/L	ND	100	100	100	138	108	138	108	32-138	25	
Atrazine	ug/L	ND	100	100	100	75.9	78.0	76	78	11-165	3	
Benzaldehyde	ug/L	ND	100	100	100	82.9	80.0	83	80	10-130	4	
Benzo(a)anthracene	ug/L	ND	100	100	100	162	124	162	124	41-155	26	M1
Benzo(a)pyrene	ug/L	ND	100	100	100	170	130	170	130	10-167	27	M1
Benzo(b)fluoranthene	ug/L	ND	100	100	100	184	147	184	147	31-172	23	M1
Benzo(g,h,i)perylene	ug/L	ND	100	100	100	167	124	167	124	26-177	29	
Benzo(k)fluoranthene	ug/L	ND	100	100	100	176	138	176	138	31-168	24	M1
Biphenyl (Diphenyl)	ug/L	ND	100	100	100	99.5	85.1	100	85	13-137	16	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	100	111	89.4	111	89	12-143	22	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	100	108	88.5	108	89	10-139	20	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	100	188	142	188	142	41-173	28	M1, v1
Butylbenzylphthalate	ug/L	ND	100	100	100	190	147	190	147	38-182	26	M1, v1
Caprolactam	ug/L	ND	100	100	100	39.4	42.7	39	43	10-130	8	v1
Carbazole	ug/L	ND	100	100	100	158	118	158	118	51-149	29	M1
Chrysene	ug/L	ND	100	100	100	163	124	163	124	41-152	28	M1
Di-n-butylphthalate	ug/L	ND	100	100	100	167	124	167	124	37-162	29	M1
Di-n-octylphthalate	ug/L	ND	100	100	100	181	136	181	136	36-176	28	M1, v1
Dibenz(a,h)anthracene	ug/L	ND	100	100	100	169	126	169	126	29-175	29	
Dibenzofuran	ug/L	ND	100	100	100	105	87.8	105	88	23-144	18	
Diethylphthalate	ug/L	ND	100	100	100	148	119	148	119	33-154	22	
Dimethylphthalate	ug/L	ND	100	100	100	128	106	128	106	29-150	19	
Fluoranthene	ug/L	ND	100	100	100	152	114	152	114	40-156	29	
Fluorene	ug/L	ND	100	100	100	121	102	121	102	26-148	18	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	100	65.4	50.8	65	51	10-130	25	
Hexachlorobenzene	ug/L	ND	100	100	100	124	101	124	101	27-145	20	
Hexachlorocyclopentadiene	ug/L	ND	100	100	100	78.4	68.3	78	68	10-130	14	
Hexachloroethane	ug/L	ND	100	100	100	57.6	43.2	58	43	10-130	29	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	100	163	121	163	121	28-176	30	
Isophorone	ug/L	ND	100	100	100	111	92.0	111	92	14-145	19	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	100	120	99.5	120	99	12-149	19	
N-Nitrosodiphenylamine	ug/L	ND	100	100	100	132	105	132	105	29-149	23	
Naphthalene	ug/L	ND	100	100	100	89.4	75.5	89	75	10-130	17	
Nitrobenzene	ug/L	ND	100	100	100	100	81.6	100	82	10-145	21	
Pentachlorophenol	ug/L	ND	200	200	200	315	244	158	122	10-178	25	
Phenanthrene	ug/L	ND	100	100	100	138	109	138	109	36-146	24	
Phenol	ug/L	ND	100	100	100	67.1	56.1	67	56	10-130	18	

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**REPORT OF LABORATORY ANALYSIS**

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

Parameter	Units	4308509		4308510		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		92714014001 Result	MS Spike Conc.	MSD Spike Conc.								
Pyrene	ug/L	ND	100	100	160	126	160	126	42-156	24	M1	
2,4,6-Tribromophenol (S)	%						132	109	10-166			
2-Fluorobiphenyl (S)	%						83	72	10-130			
2-Fluorophenol (S)	%						70	60	10-130			
Nitrobenzene-d5 (S)	%						92	78	10-133			
Phenol-d6 (S)	%						56	49	10-130			
Terphenyl-d14 (S)	%						135	111	10-193			

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 833361

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

SAMPLE DUPLICATE: 4306285

Parameter	Units	92714009003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	28.5	27.9	2	N2

SAMPLE DUPLICATE: 4306286

Parameter	Units	92714033005 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	19.2	18.7	3	N2

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714033

QC Batch: 2230444

Analysis Method: SM 2540G

QC Batch Method: SM 2540 G

Analysis Description: Total Solids 2540 G-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

METHOD BLANK: R4036819-1

Matrix: Solid

Associated Lab Samples: 92714033001, 92714033002, 92714033003, 92714033004, 92714033005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00300		02/21/24 13:01	

LABORATORY CONTROL SAMPLE: R4036819-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	99.9	90.0-110	

SAMPLE DUPLICATE: R4036819-3

Parameter	Units	L1707510-05 Result	Dup Result	RPD	Qualifiers
Total Solids	%	74.3	73.8	0.663	

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### QUALIFIERS

Project: 1327 Caldwell Street

Pace Project No.: 92714033

#### 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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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

TNI - The NELAC Institute.

#### ANALYTE QUALIFIERS

- IH This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
- 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.
- P6 Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
- R1 RPD value was outside 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.
- 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: 1327 Caldwell Street

Pace Project No.: 92714033

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92714033001	SB-1 (12')	EPA 3546	833948	EPA 8082A	834191
92714033005	SB-4 (8-12')	EPA 3546	833948	EPA 8082A	834191
92714033001	SB-1 (12')	3015	2232390	EPA 6010D	2232390
92714033001	SB-1 (12')	3050B	2230703	EPA 6010D	2230703
92714033002	SB-2 (16')	3050B	2230703	EPA 6010D	2230703
92714033003	SB-3 (4-8')	3050B	2230703	EPA 6010D	2230703
92714033004	SB-3 DUP(4-8')	3050B	2230703	EPA 6010D	2230703
92714033005	SB-4 (8-12')	3050B	2230703	EPA 6010D	2230703
92714033001	SB-1 (12')	7470A	2232778	EPA 7470A	2232778
92714033001	SB-1 (12')	7471A	2230564	EPA 7471B	2230564
92714033002	SB-2 (16')	7471A	2230564	EPA 7471B	2230564
92714033003	SB-3 (4-8')	7471A	2230564	EPA 7471B	2230564
92714033004	SB-3 DUP(4-8')	7471A	2230564	EPA 7471B	2230564
92714033005	SB-4 (8-12')	7471A	2230564	EPA 7471B	2230564
92714033001	SB-1 (12')	EPA 3546	835568	EPA 8270E	836054
92714033002	SB-2 (16')	EPA 3546	835568	EPA 8270E	836054
92714033003	SB-3 (4-8')	EPA 3546	835568	EPA 8270E	836054
92714033004	SB-3 DUP(4-8')	EPA 3546	835568	EPA 8270E	836054
92714033005	SB-4 (8-12')	EPA 3546	835568	EPA 8270E	836054
92714033006	EB Soil	EPA 3510C	833830	EPA 8270E	834189
92714033006	EB Soil	EPA 8260D	834358		
92714033001	SB-1 (12')	EPA 5035A/5030B	833461	EPA 8260D	833530
92714033002	SB-2 (16')	EPA 5035A/5030B	833461	EPA 8260D	833530
92714033003	SB-3 (4-8')	EPA 5035A/5030B	833461	EPA 8260D	833530
92714033004	SB-3 DUP(4-8')	EPA 5035A/5030B	833461	EPA 8260D	833530
92714033005	SB-4 (8-12')	EPA 5035A/5030B	833461	EPA 8260D	833530
92714033001	SB-1 (12')	SW-846	833361		
92714033002	SB-2 (16')	SW-846	833361		
92714033003	SB-3 (4-8')	SW-846	833361		
92714033004	SB-3 DUP(4-8')	SW-846	833361		
92714033005	SB-4 (8-12')	SW-846	833361		
92714033001	SB-1 (12')	SM 2540 G	2230444	SM 2540G	2230444
92714033002	SB-2 (16')	SM 2540 G	2230444	SM 2540G	2230444
92714033003	SB-3 (4-8')	SM 2540 G	2230444	SM 2540G	2230444
92714033004	SB-3 DUP(4-8')	SM 2540 G	2230444	SM 2540G	2230444
92714033005	SB-4 (8-12')	SM 2540 G	2230444	SM 2540G	2230444

### REPORT OF LABORATORY ANALYSIS

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DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville  Eden  Greenwood  Huntersville  Raleigh  Mechanicsville  Atlanta  Kernersville

Sample Condition Upon Receipt

Client Name:

Project #:

WO#: 92714033



Courier:  Fed. Ex  UPS  USPS  Client  Commercial  Pace  Other:

Custody Seal Present?  Yes  No Seals Intact?  Yes  No  N/A

Date/Initials Person Examining Contents: YDL  
2 16 24

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Biological Tissue Frozen?  Yes  No  N/A

Thermometer:

IR Gun ID: 937082 Type of Ice:  Wet  Blue  None

Cooler Temp: 5.8 Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 5.8

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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Last soil containers filled w/ water</u>
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sample Labels Match COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>	
Headspace in VOA Vials (>5-6mm)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.
Trip Blank Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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: \_\_\_\_\_



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

\*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 bottles

\*\*\*Check all unpreserved Nitrates for chlorine

Project #

WO#: 92714033

PM: BV

Due Date: 03/04/24

CLIENT: 92-SYNTERRA

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
3	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
4	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
5	/	/	/	/	/	/	/	/	2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
6	/	/	/	/	/	/	/	/	2 (water)	/	/	/	/	/	/	/	/	/	/	/	/	(water)	/	/	/	/	/	
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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Attn: Workorder@pace.com



Scan QR Code for instructions

Company Name: **SynTerra**  
 Street Address: **148 River St, Greenville, SC 29601**  
 Contact/Report To: **Evan Hamo**  
 Phone #: **(919) 376-7913**  
 E-Mail: **ehamo@synterracorp.com**  
 Customer Project #: **1327 Caldwell Street**  
 Invoice To: **Evan Hamo**  
 Invoice E-Mail: **ehamo@synterracorp.com**  
 Site Collection Info/Facility ID (as applicable):  
 Purchase Order # (if applicable):  
 Quote #: **00151051**  
 County / State of origin of sample(s): **South Carolina**

Time Zone Collected:  AK  PT  MT  CT  ET  
 Regulatory Program (DW, RCHA, etc.) as applicable:  
 Data Deliverables:  
 Level II  Level III  Level IV  
 EQUS  
 Other:  
 Rush (Pre-approval required):  
 2 Day  3 day  5 day  Other:  
 Date Results Requested:  
 Field Filtered (if applicable):  Yes  No  
 Analysis:  
 Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res. C2	Number & Type of Containers	Plastic	Glass	SVOCs 8270	TAL Metals 6010/7471	VOCs 8260	PCB
			Date	Time	Date	Time								
SB-1 (19')	S	G	2-15-24	19:28				1	5					
SB-2 (16')	S	G	2-15-24	14:04				1	4					
SB-3 (4-8')	S	G	2-15-24	14:33				1	4					
SB-3 Dupl (4-8')	S	G	2-15-24	14:33				1	4					
SB-4 (8-12')	S	G	2-15-24	15:02				1	5					
ERB Soil	W	G	2-15-24	15:13				1	4					

Customer Remarks / Special Conditions / Possible Hazards:  
 TAL Metals 6010/7471: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn  
 Qn = 00151051

Collected By: **EVAN HAMO**  
 Printed Name:  
 Signature:

Additional Instructions from Pace\*:  
 # Caddis: **2** Thermometer ID: **937082** Correction Factor (°C): **0** Obs. Temp. (°C): **5.8** Corrected Temp. (°C):  
 Date/Time: **02/15/24 17:50**  
 Date/Time: **02/16/24 10:50**  
 Date/Time: **02/16/24 16:00**

Reinquired by/Company (Signature): **[Signature]** Date/Time: **2/15/24 17:50** Received by/Company (Signature): **[Signature]**  
 Reinquired by/Company (Signature): **[Signature]** Date/Time: **02/16/24 10:50** Received by/Company (Signature): **[Signature]**  
 Reinquired by/Company (Signature): **[Signature]** Date/Time: **02/16/24 16:00** Received by/Company (Signature): **[Signature]**

Delivered by:  In-Person  Courier  
 FedEx  UPS  Other

Page: **1** of **2**

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>



## Sample Receiving Non-Conformance Form (NCF)

<b>Date:</b> 2/16/24	<b>Evaluated by:</b> YAG
<b>Client:</b> SYN Terra	

**Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here**

**1. If Chain-of-Custody (COC) is not received:** contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

**2. If COC is incomplete, check applicable issues below and add details where appropriate:**

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

**Comments/Details/Other Issues not listed above:**

**3. Sample integrity issues: check applicable issues below and add details where appropriate:**

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	<input checked="" type="checkbox"/> Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

**Comments/Details:** Soil containers filled with water as (EB Soil 2/15/24 15:13)

**4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:**

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

**5. Client Contact: If client is contacted for any issue listed above, fill in details below:**

Client:	Contacted per:	
PM Initials:	Date/Time:	

**Client Comments/Instructions:**



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

## SAMPLE ACKNOWLEDGMENT

**Samples Submitted By:** SynTerra  
**Client Project ID:** 1327 Caldwell Street  
**Client PO#:**

**Pace Project Manager:** Bonnie Vang  
 Phone 704-977-0968  
 bonnie.vang@pacelabs.com  
**Pace Analytical Project ID:** 92714033  
**Samples Received:** February 16, 2024 04:00 PM  
**Estimated Completion:** March 04, 2024

**CC:** Evan Hamo

**Comments:** [1] Some analyses will be performed by different laboratories within the Pace Network.

Customer Sample ID	Pace Analytical Lab ID	Matrix	Date/Time Collected	Method
SB-1 (12')	92714033001	Solid	02/15/24 13:28	8082 GCS PCB 8260D/5035A/5030B SC Volatiles 8270E MSSV Microwave Dry Weight Environmental Impact Fee + Disposal Sample Disposal TAL Metals 6010/7471*
SB-2 (16')	92714033002	Solid	02/15/24 14:09	8260D/5035A/5030B SC Volatiles 8270E MSSV Microwave Dry Weight Sample Disposal TAL Metals 6010/7471*
SB-3 (4-8')	92714033003	Solid	02/15/24 14:33	8260D/5035A/5030B SC Volatiles 8270E MSSV Microwave Dry Weight Sample Disposal TAL Metals 6010/7471*
SB-3 DUP(4-8')	92714033004	Solid	02/15/24 14:33	8260D/5035A/5030B SC Volatiles 8270E MSSV Microwave Dry Weight Sample Disposal TAL Metals 6010/7471*
SB-4 (8-12')	92714033005	Solid	02/15/24 15:02	8082 GCS PCB 8260D/5035A/5030B SC Volatiles 8270E MSSV Microwave Dry Weight Sample Disposal TAL Metals 6010/7471*
EB Soil	92714033006	Water	02/15/24 15:13	8270E APP9 RV Sample Disposal

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Confidentiality Statement: The Parties agree that they will take all reasonable precautions to prevent the unauthorized disclosure of any proprietary or confidential information of each other and that they will not disclose such information except to those employees, subcontractors, or agents who have expressly agreed to maintain confidentiality.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting		
			Limit	Units	
SB-1 (12')	8082 GCS PCB	PCB-1016 (Aroclor 1016)	33	ug/kg	
		PCB-1221 (Aroclor 1221)	33	ug/kg	
		PCB-1232 (Aroclor 1232)	33	ug/kg	
		PCB-1242 (Aroclor 1242)	33	ug/kg	
		PCB-1248 (Aroclor 1248)	33	ug/kg	
		PCB-1254 (Aroclor 1254)	33	ug/kg	
	8260D/5035A/5030B SC Volatiles		PCB-1260 (Aroclor 1260)	33	ug/kg
			Dichlorodifluoromethane	10	ug/kg
			Chloromethane	10	ug/kg
			Vinyl chloride	10	ug/kg
			Bromomethane	20	ug/kg
			Chloroethane	10	ug/kg
			Trichlorofluoromethane	5	ug/kg
			Methylene Chloride	20	ug/kg
			1,1-Dichloroethene	5	ug/kg
			trans-1,2-Dichloroethene	5	ug/kg
			1,1-Dichloroethane	5	ug/kg
			cis-1,2-Dichloroethene	5	ug/kg
			Chloroform	5	ug/kg
			Bromochloromethane	5	ug/kg
			1,1,1-Trichloroethane	5	ug/kg
			Carbon tetrachloride	5	ug/kg
			Benzene	5	ug/kg
			1,2-Dichloroethane	5	ug/kg
			Trichloroethene	5	ug/kg
			1,2-Dichloropropane	5	ug/kg
			Bromodichloromethane	5	ug/kg
			trans-1,3-Dichloropropene	5	ug/kg
			Toluene	5	ug/kg
			cis-1,3-Dichloropropene	5	ug/kg
			1,1,2-Trichloroethane	5	ug/kg
			Tetrachloroethene	5	ug/kg
			Dibromochloromethane	5	ug/kg
			1,2-Dibromoethane (EDB)	5	ug/kg
			Chlorobenzene	5	ug/kg
			Ethylbenzene	5	ug/kg
			m&p-Xylene	10	ug/kg
			o-Xylene	5	ug/kg
			Styrene	5	ug/kg
			Bromoform	5	ug/kg
			Isopropylbenzene (Cumene)	5	ug/kg
			1,1,2,2-Tetrachloroethane	5	ug/kg
			1,3-Dichlorobenzene	5	ug/kg
			1,4-Dichlorobenzene	5	ug/kg
			1,2-Dichlorobenzene	5	ug/kg
			1,2-Dibromo-3-chloropropane	5	ug/kg
			1,2,4-Trichlorobenzene	5	ug/kg
1,2,3-Trichlorobenzene	5	ug/kg			
1,4-Dioxane (p-Dioxane)	150	ug/kg			
Methyl acetate	10	ug/kg			
Methylcyclohexane	10	ug/kg			

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		2-Butanone (MEK)	100	ug/kg
		2-Hexanone	50	ug/kg
		Carbon disulfide	10	ug/kg
		Acetone	100	ug/kg
		Cyclohexane	5	ug/kg
		Methyl-tert-butyl ether	5	ug/kg
		4-Methyl-2-pentanone (MIBK)	50	ug/kg
		1,1,2-Trichlorotrifluoroethane	5	ug/kg
	8270E MSSV Microwave	Phenol	330	ug/kg
		bis(2-Chloroethyl) ether	330	ug/kg
		2-Chlorophenol	330	ug/kg
		2-Methylphenol(o-Cresol)	330	ug/kg
		3&4-Methylphenol(m&p Cresol)	330	ug/kg
		N-Nitroso-di-n-propylamine	330	ug/kg
		Hexachloroethane	330	ug/kg
		Nitrobenzene	330	ug/kg
		Isophorone	330	ug/kg
		2-Nitrophenol	330	ug/kg
		2,4-Dimethylphenol	330	ug/kg
		bis(2-Chloroethoxy)methane	330	ug/kg
		2,4-Dichlorophenol	330	ug/kg
		Naphthalene	330	ug/kg
		4-Chloroaniline	660	ug/kg
		Hexachloro-1,3-butadiene	330	ug/kg
		4-Chloro-3-methylphenol	660	ug/kg
		2-Methylnaphthalene	330	ug/kg
		Hexachlorocyclopentadiene	330	ug/kg
		2,4,6-Trichlorophenol	330	ug/kg
		2,4,5-Trichlorophenol	330	ug/kg
		2-Chloronaphthalene	330	ug/kg
		2-Nitroaniline	1650	ug/kg
		Dimethylphthalate	330	ug/kg
		Acenaphthylene	330	ug/kg
		2,6-Dinitrotoluene	330	ug/kg
		3-Nitroaniline	1650	ug/kg
		Acenaphthene	330	ug/kg
		2,4-Dinitrophenol	1650	ug/kg
		4-Nitrophenol	1650	ug/kg
		Dibenzofuran	330	ug/kg
		2,4-Dinitrotoluene	330	ug/kg
		Diethylphthalate	330	ug/kg
		4-Chlorophenylphenyl ether	330	ug/kg
		Fluorene	330	ug/kg
		4-Nitroaniline	660	ug/kg
		4,6-Dinitro-2-methylphenol	660	ug/kg
		N-Nitrosodiphenylamine	330	ug/kg
		4-Bromophenylphenyl ether	330	ug/kg
		Hexachlorobenzene	330	ug/kg
		Pentachlorophenol	660	ug/kg
		Phenanthrene	330	ug/kg
		Anthracene	330	ug/kg

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
SB-2 (16')	8260D/5035A/5030B SC Volatiles	Di-n-butylphthalate	330	ug/kg
		Fluoranthene	330	ug/kg
		Pyrene	330	ug/kg
		Butylbenzylphthalate	330	ug/kg
		3,3'-Dichlorobenzidine	660	ug/kg
		Benzo(a)anthracene	330	ug/kg
		Chrysene	330	ug/kg
		bis(2-Ethylhexyl)phthalate	330	ug/kg
		Di-n-octylphthalate	330	ug/kg
		Benzo(b)fluoranthene	330	ug/kg
		Benzo(k)fluoranthene	330	ug/kg
		Benzo(a)pyrene	330	ug/kg
		Indeno(1,2,3-cd)pyrene	330	ug/kg
		Dibenz(a,h)anthracene	330	ug/kg
		Benzo(g,h,i)perylene	330	ug/kg
		Carbazole	330	ug/kg
		Acetophenone	330	ug/kg
		1,2,4,5-Tetrachlorobenzene	330	ug/kg
		2,3,4,6-Tetrachlorophenol	330	ug/kg
		Atrazine	330	ug/kg
		Benzaldehyde	330	ug/kg
		2,2'-Oxybis(1-chloropropane)	330	ug/kg
		Caprolactam	330	ug/kg
		Biphenyl (Diphenyl)	330	ug/kg
		Percent Moisture	0.1	%
		Dichlorodifluoromethane	10	ug/kg
		Chloromethane	10	ug/kg
		Vinyl chloride	10	ug/kg
		Bromomethane	20	ug/kg
		Chloroethane	10	ug/kg
		Trichlorofluoromethane	5	ug/kg
		Methylene Chloride	20	ug/kg
		1,1-Dichloroethene	5	ug/kg
		trans-1,2-Dichloroethene	5	ug/kg
		1,1-Dichloroethane	5	ug/kg
		cis-1,2-Dichloroethene	5	ug/kg
		Chloroform	5	ug/kg
		Bromochloromethane	5	ug/kg
		1,1,1-Trichloroethane	5	ug/kg
		Carbon tetrachloride	5	ug/kg
		Benzene	5	ug/kg
		1,2-Dichloroethane	5	ug/kg
Trichloroethene	5	ug/kg		
1,2-Dichloropropane	5	ug/kg		
Bromodichloromethane	5	ug/kg		
trans-1,3-Dichloropropene	5	ug/kg		
Toluene	5	ug/kg		
cis-1,3-Dichloropropene	5	ug/kg		
1,1,2-Trichloroethane	5	ug/kg		
Tetrachloroethene	5	ug/kg		
Dibromochloromethane	5	ug/kg		

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		1,2-Dibromoethane (EDB)	5	ug/kg
		Chlorobenzene	5	ug/kg
		Ethylbenzene	5	ug/kg
		m&p-Xylene	10	ug/kg
		o-Xylene	5	ug/kg
		Styrene	5	ug/kg
		Bromoform	5	ug/kg
		Isopropylbenzene (Cumene)	5	ug/kg
		1,1,2,2-Tetrachloroethane	5	ug/kg
		1,3-Dichlorobenzene	5	ug/kg
		1,4-Dichlorobenzene	5	ug/kg
		1,2-Dichlorobenzene	5	ug/kg
		1,2-Dibromo-3-chloropropane	5	ug/kg
		1,2,4-Trichlorobenzene	5	ug/kg
		1,2,3-Trichlorobenzene	5	ug/kg
		1,4-Dioxane (p-Dioxane)	150	ug/kg
		Methyl acetate	10	ug/kg
		Methylcyclohexane	10	ug/kg
		2-Butanone (MEK)	100	ug/kg
		2-Hexanone	50	ug/kg
		Carbon disulfide	10	ug/kg
		Acetone	100	ug/kg
		Cyclohexane	5	ug/kg
		Methyl-tert-butyl ether	5	ug/kg
		4-Methyl-2-pentanone (MIBK)	50	ug/kg
		1,1,2-Trichlorotrifluoroethane	5	ug/kg
	8270E MSSV Microwave	Phenol	330	ug/kg
		bis(2-Chloroethyl) ether	330	ug/kg
		2-Chlorophenol	330	ug/kg
		2-Methylphenol(o-Cresol)	330	ug/kg
		3&4-Methylphenol(m&p Cresol)	330	ug/kg
		N-Nitroso-di-n-propylamine	330	ug/kg
		Hexachloroethane	330	ug/kg
		Nitrobenzene	330	ug/kg
		Isophorone	330	ug/kg
		2-Nitrophenol	330	ug/kg
		2,4-Dimethylphenol	330	ug/kg
		bis(2-Chloroethoxy)methane	330	ug/kg
		2,4-Dichlorophenol	330	ug/kg
		Naphthalene	330	ug/kg
		4-Chloroaniline	660	ug/kg
		Hexachloro-1,3-butadiene	330	ug/kg
		4-Chloro-3-methylphenol	660	ug/kg
		2-Methylnaphthalene	330	ug/kg
		Hexachlorocyclopentadiene	330	ug/kg
		2,4,6-Trichlorophenol	330	ug/kg
		2,4,5-Trichlorophenol	330	ug/kg
		2-Chloronaphthalene	330	ug/kg
		2-Nitroaniline	1650	ug/kg
		Dimethylphthalate	330	ug/kg
		Acenaphthylene	330	ug/kg

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		2,6-Dinitrotoluene	330	ug/kg
		3-Nitroaniline	1650	ug/kg
		Acenaphthene	330	ug/kg
		2,4-Dinitrophenol	1650	ug/kg
		4-Nitrophenol	1650	ug/kg
		Dibenzofuran	330	ug/kg
		2,4-Dinitrotoluene	330	ug/kg
		Diethylphthalate	330	ug/kg
		4-Chlorophenylphenyl ether	330	ug/kg
		Fluorene	330	ug/kg
		4-Nitroaniline	660	ug/kg
		4,6-Dinitro-2-methylphenol	660	ug/kg
		N-Nitrosodiphenylamine	330	ug/kg
		4-Bromophenylphenyl ether	330	ug/kg
		Hexachlorobenzene	330	ug/kg
		Pentachlorophenol	660	ug/kg
		Phenanthrene	330	ug/kg
		Anthracene	330	ug/kg
		Di-n-butylphthalate	330	ug/kg
		Fluoranthene	330	ug/kg
		Pyrene	330	ug/kg
		Butylbenzylphthalate	330	ug/kg
		3,3'-Dichlorobenzidine	660	ug/kg
		Benzo(a)anthracene	330	ug/kg
		Chrysene	330	ug/kg
		bis(2-Ethylhexyl)phthalate	330	ug/kg
		Di-n-octylphthalate	330	ug/kg
		Benzo(b)fluoranthene	330	ug/kg
		Benzo(k)fluoranthene	330	ug/kg
		Benzo(a)pyrene	330	ug/kg
		Indeno(1,2,3-cd)pyrene	330	ug/kg
		Dibenz(a,h)anthracene	330	ug/kg
		Benzo(g,h,i)perylene	330	ug/kg
		Carbazole	330	ug/kg
		Acetophenone	330	ug/kg
		1,2,4,5-Tetrachlorobenzene	330	ug/kg
		2,3,4,6-Tetrachlorophenol	330	ug/kg
		Atrazine	330	ug/kg
		Benzaldehyde	330	ug/kg
		2,2'-Oxybis(1-chloropropane)	330	ug/kg
		Caprolactam	330	ug/kg
		Biphenyl (Diphenyl)	330	ug/kg
	Percent Moisture	Percent Moisture	0.1	%
SB-3 (4-8')	8260D/5035A/5030B SC Volatiles	Dichlorodifluoromethane	10	ug/kg
		Chloromethane	10	ug/kg
		Vinyl chloride	10	ug/kg
		Bromomethane	20	ug/kg
		Chloroethane	10	ug/kg
		Trichlorofluoromethane	5	ug/kg
		Methylene Chloride	20	ug/kg
		1,1-Dichloroethene	5	ug/kg

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		trans-1,2-Dichloroethene	5	ug/kg
		1,1-Dichloroethane	5	ug/kg
		cis-1,2-Dichloroethene	5	ug/kg
		Chloroform	5	ug/kg
		Bromochloromethane	5	ug/kg
		1,1,1-Trichloroethane	5	ug/kg
		Carbon tetrachloride	5	ug/kg
		Benzene	5	ug/kg
		1,2-Dichloroethane	5	ug/kg
		Trichloroethene	5	ug/kg
		1,2-Dichloropropane	5	ug/kg
		Bromodichloromethane	5	ug/kg
		trans-1,3-Dichloropropene	5	ug/kg
		Toluene	5	ug/kg
		cis-1,3-Dichloropropene	5	ug/kg
		1,1,2-Trichloroethane	5	ug/kg
		Tetrachloroethene	5	ug/kg
		Dibromochloromethane	5	ug/kg
		1,2-Dibromoethane (EDB)	5	ug/kg
		Chlorobenzene	5	ug/kg
		Ethylbenzene	5	ug/kg
		m&p-Xylene	10	ug/kg
		o-Xylene	5	ug/kg
		Styrene	5	ug/kg
		Bromoform	5	ug/kg
		Isopropylbenzene (Cumene)	5	ug/kg
		1,1,2,2-Tetrachloroethane	5	ug/kg
		1,3-Dichlorobenzene	5	ug/kg
		1,4-Dichlorobenzene	5	ug/kg
		1,2-Dichlorobenzene	5	ug/kg
		1,2-Dibromo-3-chloropropane	5	ug/kg
		1,2,4-Trichlorobenzene	5	ug/kg
		1,2,3-Trichlorobenzene	5	ug/kg
		1,4-Dioxane (p-Dioxane)	150	ug/kg
		Methyl acetate	10	ug/kg
		Methylcyclohexane	10	ug/kg
		2-Butanone (MEK)	100	ug/kg
		2-Hexanone	50	ug/kg
		Carbon disulfide	10	ug/kg
		Acetone	100	ug/kg
		Cyclohexane	5	ug/kg
		Methyl-tert-butyl ether	5	ug/kg
		4-Methyl-2-pentanone (MIBK)	50	ug/kg
		1,1,2-Trichlorotrifluoroethane	5	ug/kg
	8270E MSSV Microwave	Phenol	330	ug/kg
		bis(2-Chloroethyl) ether	330	ug/kg
		2-Chlorophenol	330	ug/kg
		2-Methylphenol(o-Cresol)	330	ug/kg
		3&4-Methylphenol(m&p Cresol)	330	ug/kg
		N-Nitroso-di-n-propylamine	330	ug/kg
		Hexachloroethane	330	ug/kg

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting Limit	Units
		Nitrobenzene	330	ug/kg
		Isophorone	330	ug/kg
		2-Nitrophenol	330	ug/kg
		2,4-Dimethylphenol	330	ug/kg
		bis(2-Chloroethoxy)methane	330	ug/kg
		2,4-Dichlorophenol	330	ug/kg
		Naphthalene	330	ug/kg
		4-Chloroaniline	660	ug/kg
		Hexachloro-1,3-butadiene	330	ug/kg
		4-Chloro-3-methylphenol	660	ug/kg
		2-Methylnaphthalene	330	ug/kg
		Hexachlorocyclopentadiene	330	ug/kg
		2,4,6-Trichlorophenol	330	ug/kg
		2,4,5-Trichlorophenol	330	ug/kg
		2-Chloronaphthalene	330	ug/kg
		2-Nitroaniline	1650	ug/kg
		Dimethylphthalate	330	ug/kg
		Acenaphthylene	330	ug/kg
		2,6-Dinitrotoluene	330	ug/kg
		3-Nitroaniline	1650	ug/kg
		Acenaphthene	330	ug/kg
		2,4-Dinitrophenol	1650	ug/kg
		4-Nitrophenol	1650	ug/kg
		Dibenzofuran	330	ug/kg
		2,4-Dinitrotoluene	330	ug/kg
		Diethylphthalate	330	ug/kg
		4-Chlorophenylphenyl ether	330	ug/kg
		Fluorene	330	ug/kg
		4-Nitroaniline	660	ug/kg
		4,6-Dinitro-2-methylphenol	660	ug/kg
		N-Nitrosodiphenylamine	330	ug/kg
		4-Bromophenylphenyl ether	330	ug/kg
		Hexachlorobenzene	330	ug/kg
		Pentachlorophenol	660	ug/kg
		Phenanthrene	330	ug/kg
		Anthracene	330	ug/kg
		Di-n-butylphthalate	330	ug/kg
		Fluoranthene	330	ug/kg
		Pyrene	330	ug/kg
		Butylbenzylphthalate	330	ug/kg
		3,3'-Dichlorobenzidine	660	ug/kg
		Benzo(a)anthracene	330	ug/kg
		Chrysene	330	ug/kg
		bis(2-Ethylhexyl)phthalate	330	ug/kg
		Di-n-octylphthalate	330	ug/kg
		Benzo(b)fluoranthene	330	ug/kg
		Benzo(k)fluoranthene	330	ug/kg
		Benzo(a)pyrene	330	ug/kg
		Indeno(1,2,3-cd)pyrene	330	ug/kg
		Dibenz(a,h)anthracene	330	ug/kg
		Benzo(g,h,i)perylene	330	ug/kg

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
SB-3 DUP(4-8)	8260D/5035A/5030B SC Volatiles	Carbazole	330	ug/kg
		Acetophenone	330	ug/kg
		1,2,4,5-Tetrachlorobenzene	330	ug/kg
		2,3,4,6-Tetrachlorophenol	330	ug/kg
		Atrazine	330	ug/kg
		Benzaldehyde	330	ug/kg
		2,2'-Oxybis(1-chloropropane)	330	ug/kg
		Caprolactam	330	ug/kg
		Biphenyl (Diphenyl)	330	ug/kg
		Percent Moisture	0.1	%
		Percent Moisture	0.1	%
		Dichlorodifluoromethane	10	ug/kg
		Chloromethane	10	ug/kg
		Vinyl chloride	10	ug/kg
		Bromomethane	20	ug/kg
		Chloroethane	10	ug/kg
		Trichlorofluoromethane	5	ug/kg
		Methylene Chloride	20	ug/kg
		1,1-Dichloroethene	5	ug/kg
		trans-1,2-Dichloroethene	5	ug/kg
		1,1-Dichloroethane	5	ug/kg
		cis-1,2-Dichloroethene	5	ug/kg
		Chloroform	5	ug/kg
		Bromochloromethane	5	ug/kg
		1,1,1-Trichloroethane	5	ug/kg
		Carbon tetrachloride	5	ug/kg
		Benzene	5	ug/kg
		1,2-Dichloroethane	5	ug/kg
		Trichloroethene	5	ug/kg
		1,2-Dichloropropane	5	ug/kg
		Bromodichloromethane	5	ug/kg
		trans-1,3-Dichloropropene	5	ug/kg
		Toluene	5	ug/kg
		cis-1,3-Dichloropropene	5	ug/kg
		1,1,2-Trichloroethane	5	ug/kg
		Tetrachloroethene	5	ug/kg
		Dibromochloromethane	5	ug/kg
		1,2-Dibromoethane (EDB)	5	ug/kg
		Chlorobenzene	5	ug/kg
		Ethylbenzene	5	ug/kg
		m&p-Xylene	10	ug/kg
o-Xylene	5	ug/kg		
Styrene	5	ug/kg		
Bromoform	5	ug/kg		
Isopropylbenzene (Cumene)	5	ug/kg		
1,1,1,2-Tetrachloroethane	5	ug/kg		
1,3-Dichlorobenzene	5	ug/kg		
1,4-Dichlorobenzene	5	ug/kg		
1,2-Dichlorobenzene	5	ug/kg		
1,2-Dibromo-3-chloropropane	5	ug/kg		
1,2,4-Trichlorobenzene	5	ug/kg		
1,2,3-Trichlorobenzene	5	ug/kg		

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		1,4-Dioxane (p-Dioxane)	150	ug/kg
		Methyl acetate	10	ug/kg
		Methylcyclohexane	10	ug/kg
		2-Butanone (MEK)	100	ug/kg
		2-Hexanone	50	ug/kg
		Carbon disulfide	10	ug/kg
		Acetone	100	ug/kg
		Cyclohexane	5	ug/kg
		Methyl-tert-butyl ether	5	ug/kg
		4-Methyl-2-pentanone (MIBK)	50	ug/kg
		1,1,2-Trichlorotrifluoroethane	5	ug/kg
	8270E MSSV Microwave	Phenol	330	ug/kg
		bis(2-Chloroethyl) ether	330	ug/kg
		2-Chlorophenol	330	ug/kg
		2-Methylphenol(o-Cresol)	330	ug/kg
		3&4-Methylphenol(m&p Cresol)	330	ug/kg
		N-Nitroso-di-n-propylamine	330	ug/kg
		Hexachloroethane	330	ug/kg
		Nitrobenzene	330	ug/kg
		Isophorone	330	ug/kg
		2-Nitrophenol	330	ug/kg
		2,4-Dimethylphenol	330	ug/kg
		bis(2-Chloroethoxy)methane	330	ug/kg
		2,4-Dichlorophenol	330	ug/kg
		Naphthalene	330	ug/kg
		4-Chloroaniline	660	ug/kg
		Hexachloro-1,3-butadiene	330	ug/kg
		4-Chloro-3-methylphenol	660	ug/kg
		2-Methylnaphthalene	330	ug/kg
		Hexachlorocyclopentadiene	330	ug/kg
		2,4,6-Trichlorophenol	330	ug/kg
		2,4,5-Trichlorophenol	330	ug/kg
		2-Chloronaphthalene	330	ug/kg
		2-Nitroaniline	1650	ug/kg
		Dimethylphthalate	330	ug/kg
		Acenaphthylene	330	ug/kg
		2,6-Dinitrotoluene	330	ug/kg
		3-Nitroaniline	1650	ug/kg
		Acenaphthene	330	ug/kg
		2,4-Dinitrophenol	1650	ug/kg
		4-Nitrophenol	1650	ug/kg
		Dibenzofuran	330	ug/kg
		2,4-Dinitrotoluene	330	ug/kg
		Diethylphthalate	330	ug/kg
		4-Chlorophenylphenyl ether	330	ug/kg
		Fluorene	330	ug/kg
		4-Nitroaniline	660	ug/kg
		4,6-Dinitro-2-methylphenol	660	ug/kg
		N-Nitrosodiphenylamine	330	ug/kg
		4-Bromophenylphenyl ether	330	ug/kg
		Hexachlorobenzene	330	ug/kg

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Pentachlorophenol	660	ug/kg
		Phenanthrene	330	ug/kg
		Anthracene	330	ug/kg
		Di-n-butylphthalate	330	ug/kg
		Fluoranthene	330	ug/kg
		Pyrene	330	ug/kg
		Butylbenzylphthalate	330	ug/kg
		3,3'-Dichlorobenzidine	660	ug/kg
		Benzo(a)anthracene	330	ug/kg
		Chrysene	330	ug/kg
		bis(2-Ethylhexyl)phthalate	330	ug/kg
		Di-n-octylphthalate	330	ug/kg
		Benzo(b)fluoranthene	330	ug/kg
		Benzo(k)fluoranthene	330	ug/kg
		Benzo(a)pyrene	330	ug/kg
		Indeno(1,2,3-cd)pyrene	330	ug/kg
		Dibenz(a,h)anthracene	330	ug/kg
		Benzo(g,h,i)perylene	330	ug/kg
		Carbazole	330	ug/kg
		Acetophenone	330	ug/kg
		1,2,4,5-Tetrachlorobenzene	330	ug/kg
		2,3,4,6-Tetrachlorophenol	330	ug/kg
		Atrazine	330	ug/kg
		Benzaldehyde	330	ug/kg
		2,2'-Oxybis(1-chloropropane)	330	ug/kg
		Caprolactam	330	ug/kg
		Biphenyl (Diphenyl)	330	ug/kg
	Percent Moisture	Percent Moisture	0.1	%
SB-4 (8-12')	8082 GCS PCB	PCB-1016 (Aroclor 1016)	33	ug/kg
		PCB-1221 (Aroclor 1221)	33	ug/kg
		PCB-1232 (Aroclor 1232)	33	ug/kg
		PCB-1242 (Aroclor 1242)	33	ug/kg
		PCB-1248 (Aroclor 1248)	33	ug/kg
		PCB-1254 (Aroclor 1254)	33	ug/kg
		PCB-1260 (Aroclor 1260)	33	ug/kg
	8260D/5035A/5030B SC Volatiles	Dichlorodifluoromethane	10	ug/kg
		Chloromethane	10	ug/kg
		Vinyl chloride	10	ug/kg
		Bromomethane	20	ug/kg
		Chloroethane	10	ug/kg
		Trichlorofluoromethane	5	ug/kg
		Methylene Chloride	20	ug/kg
		1,1-Dichloroethene	5	ug/kg
		trans-1,2-Dichloroethene	5	ug/kg
		1,1-Dichloroethane	5	ug/kg
		cis-1,2-Dichloroethene	5	ug/kg
		Chloroform	5	ug/kg
		Bromochloromethane	5	ug/kg
		1,1,1-Trichloroethane	5	ug/kg
		Carbon tetrachloride	5	ug/kg
		Benzene	5	ug/kg

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		1,2-Dichloroethane	5	ug/kg
		Trichloroethene	5	ug/kg
		1,2-Dichloropropane	5	ug/kg
		Bromodichloromethane	5	ug/kg
		trans-1,3-Dichloropropene	5	ug/kg
		Toluene	5	ug/kg
		cis-1,3-Dichloropropene	5	ug/kg
		1,1,2-Trichloroethane	5	ug/kg
		Tetrachloroethene	5	ug/kg
		Dibromochloromethane	5	ug/kg
		1,2-Dibromoethane (EDB)	5	ug/kg
		Chlorobenzene	5	ug/kg
		Ethylbenzene	5	ug/kg
		m&p-Xylene	10	ug/kg
		o-Xylene	5	ug/kg
		Styrene	5	ug/kg
		Bromoform	5	ug/kg
		Isopropylbenzene (Cumene)	5	ug/kg
		1,1,1,2-Tetrachloroethane	5	ug/kg
		1,3-Dichlorobenzene	5	ug/kg
		1,4-Dichlorobenzene	5	ug/kg
		1,2-Dichlorobenzene	5	ug/kg
		1,2-Dibromo-3-chloropropane	5	ug/kg
		1,2,4-Trichlorobenzene	5	ug/kg
		1,2,3-Trichlorobenzene	5	ug/kg
		1,4-Dioxane (p-Dioxane)	150	ug/kg
		Methyl acetate	10	ug/kg
		Methylcyclohexane	10	ug/kg
		2-Butanone (MEK)	100	ug/kg
		2-Hexanone	50	ug/kg
		Carbon disulfide	10	ug/kg
		Acetone	100	ug/kg
		Cyclohexane	5	ug/kg
		Methyl-tert-butyl ether	5	ug/kg
		4-Methyl-2-pentanone (MIBK)	50	ug/kg
		1,1,2-Trichlorotrifluoroethane	5	ug/kg
	8270E MSSV Microwave	Phenol	330	ug/kg
		bis(2-Chloroethyl) ether	330	ug/kg
		2-Chlorophenol	330	ug/kg
		2-Methylphenol(o-Cresol)	330	ug/kg
		3&4-Methylphenol(m&p Cresol)	330	ug/kg
		N-Nitroso-di-n-propylamine	330	ug/kg
		Hexachloroethane	330	ug/kg
		Nitrobenzene	330	ug/kg
		Isophorone	330	ug/kg
		2-Nitrophenol	330	ug/kg
		2,4-Dimethylphenol	330	ug/kg
		bis(2-Chloroethoxy)methane	330	ug/kg
		2,4-Dichlorophenol	330	ug/kg
		Naphthalene	330	ug/kg
		4-Chloroaniline	660	ug/kg

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Hexachloro-1,3-butadiene	330	ug/kg
		4-Chloro-3-methylphenol	660	ug/kg
		2-Methylnaphthalene	330	ug/kg
		Hexachlorocyclopentadiene	330	ug/kg
		2,4,6-Trichlorophenol	330	ug/kg
		2,4,5-Trichlorophenol	330	ug/kg
		2-Chloronaphthalene	330	ug/kg
		2-Nitroaniline	1650	ug/kg
		Dimethylphthalate	330	ug/kg
		Acenaphthylene	330	ug/kg
		2,6-Dinitrotoluene	330	ug/kg
		3-Nitroaniline	1650	ug/kg
		Acenaphthene	330	ug/kg
		2,4-Dinitrophenol	1650	ug/kg
		4-Nitrophenol	1650	ug/kg
		Dibenzofuran	330	ug/kg
		2,4-Dinitrotoluene	330	ug/kg
		Diethylphthalate	330	ug/kg
		4-Chlorophenylphenyl ether	330	ug/kg
		Fluorene	330	ug/kg
		4-Nitroaniline	660	ug/kg
		4,6-Dinitro-2-methylphenol	660	ug/kg
		N-Nitrosodiphenylamine	330	ug/kg
		4-Bromophenylphenyl ether	330	ug/kg
		Hexachlorobenzene	330	ug/kg
		Pentachlorophenol	660	ug/kg
		Phenanthrene	330	ug/kg
		Anthracene	330	ug/kg
		Di-n-butylphthalate	330	ug/kg
		Fluoranthene	330	ug/kg
		Pyrene	330	ug/kg
		Butylbenzylphthalate	330	ug/kg
		3,3'-Dichlorobenzidine	660	ug/kg
		Benzo(a)anthracene	330	ug/kg
		Chrysene	330	ug/kg
		bis(2-Ethylhexyl)phthalate	330	ug/kg
		Di-n-octylphthalate	330	ug/kg
		Benzo(b)fluoranthene	330	ug/kg
		Benzo(k)fluoranthene	330	ug/kg
		Benzo(a)pyrene	330	ug/kg
		Indeno(1,2,3-cd)pyrene	330	ug/kg
		Dibenz(a,h)anthracene	330	ug/kg
		Benzo(g,h,i)perylene	330	ug/kg
		Carbazole	330	ug/kg
		Acetophenone	330	ug/kg
		1,2,4,5-Tetrachlorobenzene	330	ug/kg
		2,3,4,6-Tetrachlorophenol	330	ug/kg
		Atrazine	330	ug/kg
		Benzaldehyde	330	ug/kg
		2,2'-Oxybis(1-chloropropane)	330	ug/kg
		Caprolactam	330	ug/kg

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
EB Soil	Percent Moisture	Biphenyl (Diphenyl)	330	ug/kg
		Percent Moisture	0.1	%
	8270E APP9 RV	Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
4-Bromophenylphenyl ether	10	ug/L		
Hexachlorobenzene	10	ug/L		
Pentachlorophenol	20	ug/L		
Phenanthrene	10	ug/L		
Anthracene	10	ug/L		
Di-n-butylphthalate	10	ug/L		
Fluoranthene	10	ug/L		
Pyrene	10	ug/L		
Butylbenzylphthalate	10	ug/L		
3,3'-Dichlorobenzidine	20	ug/L		
Benzo(a)anthracene	10	ug/L		

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting Limit Units
		Chrysene	10 ug/L
		bis(2-Ethylhexyl)phthalate	6 ug/L
		Di-n-octylphthalate	10 ug/L
		Benzo(b)fluoranthene	10 ug/L
		Benzo(k)fluoranthene	10 ug/L
		Benzo(a)pyrene	10 ug/L
		Indeno(1,2,3-cd)pyrene	10 ug/L
		Dibenz(a,h)anthracene	10 ug/L
		Benzo(g,h,i)perylene	10 ug/L
		Carbazole	10 ug/L
		Acetophenone	10 ug/L
		1,2,4,5-Tetrachlorobenzene	10 ug/L
		2,3,4,6-Tetrachlorophenol	10 ug/L
		Atrazine	10 ug/L
		Benzaldehyde	10 ug/L
		2,2'-Oxybis(1-chloropropane)	10 ug/L
		Caprolactam	10 ug/L
		Biphenyl (Diphenyl)	10 ug/L

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville  Eden  Greenwood  Huntersville  Raleigh  Mechanicsville  Atlanta  Kernersville

Sample Condition Upon Receipt

Client Name:

Syn Terra

Project #:

WO#: 92714033



Courier:  Fed. Ex  UPS  USPS  Client  Commercial  Pace  Other:

Custody Seal Present?  Yes  No Seals Intact?  Yes  No  N/A

Date/Initials Person Examining Contents: YDL 2 16 24

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Biological Tissue Frozen?  Yes  No  N/A

Thermometer:

IR Gun ID: 937082 Type of Ice:  Wet  Blue  None

Cooler Temp: 5.8 Correction Factor: Add/Subtract (°C) 0

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

Cooler Temp Corrected (°C): 5.8

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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		6. Last soil containers filled w/ water
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		8.
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		9.
-Includes Date/Time/ID/Analysis Matrix: SL			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		10.
Trip Blank Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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:



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

\*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 bottles

\*\*\*Check all unpreserved Nitrates for chlorine

Project #

**WO# : 92714033**

PM: BV

Due Date: 03/04/24

CLIENT: 92-SYNTERRA

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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6	/	/	/	/	/	/	/	/	2 (water)	/	/	/	/	/	/	/	/	/	/	/	/	(water)	/	/	/	/	/	/	/
7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
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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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: **SynTerra**  
Street Address: **148 River St, Greenville, SC 29601**  
Contact/Report To: **Evan Hamo**  
Phone #: **(919)376-7913**  
E-Mail: **ehamo@synterracorp.com**  
Cc E-Mail: **dcrowell@synterracorp.com**  
Invoice To: **Evan Hamo**  
Invoice E-Mail: **ehamo@synterracorp.com**

Project Name: **1327 Caldwell Street**  
Site Collection Info/Facility ID (as applicable):  
Purchase Order # (if applicable):  
Quote #: **00151051**  
County / State origin of sample(s): **South Carolina**

Time Zone Collected:  AK  PT  MT  CT  ET  
Data Deliverables:  
 Level II  Level III  Level IV  
 EQUIS  
 Other:  
Regulatory Program (DW, RCHA, etc.) as applicable:  
Rush (Pre-approval required):  2 Day  3 day  5 day  Other:  
Date Results Requested:  
Field Filtered (if applicable):  Yes  No  
Analysis:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End		Res. C2	Number & Type of Containers	Plastic	Glass	SVOCs 8270	TAL Metals 6010/7471	VOCs 8260	PCB
			Date	Time	Date	Time								
SB-1 (19')	S	G	2-15-24	19:28				1	5					
SB-2 (16')	S	G	2-15-24	14:04				1	4					
SB-3 (4-8')	S	G	2-15-24	14:33				1	4					
SB-3 Dupl (4-8')	S	G	2-15-24	14:33				1	4					
SB-4 (8-12')	S	G	2-15-24	15:02				1	5					
ERB Soil	W	G	2-15-24	15:13				1	4					

Customer Remarks / Special Conditions / Possible Hazards:  
TAL Metals 6010/7471: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn  
Qn = 00151051

Collected By: **EVAN HAMO**  
Printed Name:  
Signature:  
Additional Instructions from Pace\*:  
# Cables: **2** Thermometer ID: **937082** Correction Factor (°C): **0** Obs. Temp. (°C): **5.8** Corrected Temp. (°C):  
Date/Time: **2/15/24 17:50**

Reinquired by/Company (Signature): **[Signature]** Date/Time: **2/15/24 17:50** Received by/Company (Signature): **[Signature]**  
Reinquired by/Company (Signature): **[Signature]** Date/Time: **02/16/24 10:50** Received by/Company (Signature): **[Signature]**  
Reinquired by/Company (Signature): **[Signature]** Date/Time: **02/16/24 16:00** Received by/Company (Signature): **[Signature]**



## Sample Receiving Non-Conformance Form (NCF)

Date: <i>2/16/24</i>	Evaluated by: <i>YGA</i>
Client: <i>SYN Terra</i>	

**Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here**

**1. If Chain-of-Custody (COC) is not received:** contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

**2. If COC is incomplete, check applicable issues below and add details where appropriate:**

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

**Comments/Details/Other Issues not listed above:**

**3. Sample integrity issues: check applicable issues below and add details where appropriate:**

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	<input checked="" type="checkbox"/> Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

**Comments/Details:** *Soil containers filled with water as (EB Soil 2/15/24 15:13)*

**4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:**

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

**5. Client Contact: If client is contacted for any issue listed above, fill in details below:**

Client:	Contacted per:	
PM Initials:	Date/Time:	

**Client Comments/Instructions:**



February 26, 2024

Evan Hamo  
Synterra  
148 River St  
#220  
Greenville, SC 29601

RE: Project: 1327 Caldwell Street  
Pace Project No.: 92714034

Dear Evan Hamo:

Enclosed are the analytical results for sample(s) received by the laboratory on February 16, 2024. 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 - Charlotte

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

Sincerely,

Bonnie Vang  
bonnie.vang@pacelabs.com  
704-977-0968  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

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### CERTIFICATIONS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

#### 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

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

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

South Carolina Laboratory ID: 99006

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Laboratory ID: 99006

South Carolina Certification #: 99006001

South Carolina Drinking Water Cert. #: 99006003

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Louisiana DoH Drinking Water #: LA029

Virginia/VELAP Certification #: 460221

### REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 1327 Caldwell Street  
 Pace Project No.: 92714034

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92714034001	TW-2	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C
92714034002	TW-1	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C
92714034003	TW-3	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C
92714034004	TW-4	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C
92714034005	TW-6	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C
92714034006	TW-6 DUP	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C
92714034007	TW-5	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C
92714034008	EB	EPA 6010D	JTM	22	PAN
		EPA 7470A	LAS	1	PAN
		EPA 8270E	PKS	73	PASI-C
		EPA 8260D	JJK	56	PASI-C

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

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

<b>Sample:</b> TW-2	<b>Lab ID:</b> 92714034001	Collected: 02/15/24 09:30	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

**Metals (ICP) 6010D**

Analytical Method: EPA 6010D Preparation Method: 3015

Pace National - Mt. Juliet

Aluminum	4290	ug/L	200	1	02/22/24 03:57	02/22/24 09:17	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7440-38-2	
Barium	315	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:17	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:17	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:17	7440-43-9	
Calcium	20000	ug/L	1000	1	02/22/24 03:57	02/22/24 09:17	7440-70-2	
Chromium	36.3	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7440-47-3	
Cobalt	14.8	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7440-48-4	
Copper	21.4	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7440-50-8	
Iron	8500	ug/L	100	1	02/22/24 03:57	02/22/24 09:17	7439-89-6	
Lead	36.2	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:17	7439-92-1	
Magnesium	11200	ug/L	1000	1	02/22/24 03:57	02/22/24 09:17	7439-95-4	
Manganese	1290	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7439-96-5	
Nickel	23.8	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7440-02-0	
Potassium	3730	ug/L	2000	1	02/22/24 03:57	02/22/24 09:17	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:17	7440-22-4	
Sodium	37700	ug/L	3000	1	02/22/24 03:57	02/22/24 09:17	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:17	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:17	7440-62-2	
Zinc	ND	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:17	7440-66-6	

**Mercury 7470A**

Analytical Method: EPA 7470A Preparation Method: 7470A

Pace National - Mt. Juliet

Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 09:54	7439-97-6	
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**8270E APP9 RV**

Analytical Method: EPA 8270E Preparation Method: EPA 3510C

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	208-96-8	
Acetophenone	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	98-86-2	
Anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	120-12-7	
Atrazine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	1912-24-9	
Benzaldehyde	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	100-52-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	85-68-7	
Caprolactam	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	105-60-2	
Carbazole	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	86-74-8	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-2	Lab ID: 92714034001	Collected: 02/15/24 09:30	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	7005-72-3	
Chrysene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:27	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:27	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	50.0	1	02/22/24 02:24	02/25/24 13:27	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	02/22/24 02:24	02/25/24 13:27	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	206-44-0	
Fluorene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	193-39-5	
Isophorone	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:27	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:27	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:27	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	1	02/22/24 02:24	02/25/24 13:27	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:27	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	85-01-8	
Phenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	108-95-2	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-2	Lab ID: 92714034001	Collected: 02/15/24 09:30	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:27	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	93	%	10-133	1	02/22/24 02:24	02/25/24 13:27	4165-60-0		
2-Fluorobiphenyl (S)	93	%	10-130	1	02/22/24 02:24	02/25/24 13:27	321-60-8		
Terphenyl-d14 (S)	127	%	10-193	1	02/22/24 02:24	02/25/24 13:27	1718-51-0		
Phenol-d6 (S)	52	%	10-130	1	02/22/24 02:24	02/25/24 13:27	13127-88-3		
2-Fluorophenol (S)	70	%	10-130	1	02/22/24 02:24	02/25/24 13:27	367-12-4		
2,4,6-Tribromophenol (S)	102	%	10-166	1	02/22/24 02:24	02/25/24 13:27	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/22/24 18:13	67-64-1		
Benzene	ND	ug/L	1.0	1		02/22/24 18:13	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/22/24 18:13	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		02/22/24 18:13	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/22/24 18:13	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/22/24 18:13	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		02/22/24 18:13	78-93-3		
Carbon disulfide	ND	ug/L	2.0	1		02/22/24 18:13	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		02/22/24 18:13	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/22/24 18:13	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/22/24 18:13	75-00-3	v1	
Chloroform	ND	ug/L	1.0	1		02/22/24 18:13	67-66-3		
Chloromethane	ND	ug/L	1.0	1		02/22/24 18:13	74-87-3		
Cyclohexane	ND	ug/L	1.0	1		02/22/24 18:13	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/22/24 18:13	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/22/24 18:13	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/22/24 18:13	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 18:13	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 18:13	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 18:13	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/22/24 18:13	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/22/24 18:13	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		02/22/24 18:13	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		02/22/24 18:13	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 18:13	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 18:13	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/22/24 18:13	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 18:13	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 18:13	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/22/24 18:13	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/22/24 18:13	100-41-4		

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-2	Lab ID: 92714034001	Collected: 02/15/24 09:30	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
2-Hexanone	ND	ug/L	5.0	1		02/22/24 18:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/22/24 18:13	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/22/24 18:13	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/22/24 18:13	108-87-2	v1
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/22/24 18:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/22/24 18:13	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/22/24 18:13	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/22/24 18:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/22/24 18:13	127-18-4	
Toluene	ND	ug/L	1.0	1		02/22/24 18:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 18:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 18:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/22/24 18:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/22/24 18:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/22/24 18:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/22/24 18:13	75-69-4	v1
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/22/24 18:13	76-13-1	v1
Vinyl chloride	ND	ug/L	1.0	1		02/22/24 18:13	75-01-4	v1
Xylene (Total)	ND	ug/L	1.0	1		02/22/24 18:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/22/24 18:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/22/24 18:13	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/22/24 18:13	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/22/24 18:13	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		02/22/24 18:13	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

<b>Sample:</b> TW-1	<b>Lab ID:</b> 92714034002	Collected: 02/15/24 10:13	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

**Metals (ICP) 6010D**

Analytical Method: EPA 6010D Preparation Method: 3015

Pace National - Mt. Juliet

Aluminum	1230	ug/L	200	1	02/22/24 03:57	02/22/24 09:19	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7440-38-2	
Barium	77.8	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:19	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:19	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:19	7440-43-9	
Calcium	20200	ug/L	1000	1	02/22/24 03:57	02/22/24 09:19	7440-70-2	
Chromium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7440-47-3	
Cobalt	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7440-48-4	
Copper	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7440-50-8	
Iron	1990	ug/L	100	1	02/22/24 03:57	02/22/24 09:19	7439-89-6	
Lead	ND	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:19	7439-92-1	
Magnesium	10900	ug/L	1000	1	02/22/24 03:57	02/22/24 09:19	7439-95-4	
Manganese	504	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7439-96-5	
Nickel	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7440-02-0	
Potassium	2970	ug/L	2000	1	02/22/24 03:57	02/22/24 09:19	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:19	7440-22-4	
Sodium	31300	ug/L	3000	1	02/22/24 03:57	02/22/24 09:19	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:19	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:19	7440-62-2	
Zinc	ND	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:19	7440-66-6	

**Mercury 7470A**

Analytical Method: EPA 7470A Preparation Method: 7470A

Pace National - Mt. Juliet

Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 09:57	7439-97-6	
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**8270E APP9 RV**

Analytical Method: EPA 8270E Preparation Method: EPA 3510C

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	208-96-8	
Acetophenone	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	98-86-2	
Anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	120-12-7	
Atrazine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	1912-24-9	
Benzaldehyde	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	100-52-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	85-68-7	
Caprolactam	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	105-60-2	
Carbazole	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-1	Lab ID: 92714034002	Collected: 02/15/24 10:13	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:53	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	7005-72-3	
Chrysene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:53	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:53	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	50.0	1	02/22/24 02:24	02/25/24 13:53	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	02/22/24 02:24	02/25/24 13:53	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	206-44-0	
Fluorene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	193-39-5	
Isophorone	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:53	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:53	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:53	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	1	02/22/24 02:24	02/25/24 13:53	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 13:53	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	85-01-8	
Phenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	108-95-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-1	Lab ID: 92714034002	Collected: 02/15/24 10:13	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 13:53	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	69	%	10-133	1	02/22/24 02:24	02/25/24 13:53	4165-60-0		
2-Fluorobiphenyl (S)	64	%	10-130	1	02/22/24 02:24	02/25/24 13:53	321-60-8		
Terphenyl-d14 (S)	125	%	10-193	1	02/22/24 02:24	02/25/24 13:53	1718-51-0		
Phenol-d6 (S)	36	%	10-130	1	02/22/24 02:24	02/25/24 13:53	13127-88-3		
2-Fluorophenol (S)	48	%	10-130	1	02/22/24 02:24	02/25/24 13:53	367-12-4		
2,4,6-Tribromophenol (S)	80	%	10-166	1	02/22/24 02:24	02/25/24 13:53	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/22/24 15:48	67-64-1		
Benzene	ND	ug/L	1.0	1		02/22/24 15:48	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/22/24 15:48	74-97-5	M1	
Bromodichloromethane	ND	ug/L	1.0	1		02/22/24 15:48	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/22/24 15:48	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/22/24 15:48	74-83-9	v3	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/22/24 15:48	78-93-3	M1	
Carbon disulfide	ND	ug/L	2.0	1		02/22/24 15:48	75-15-0	M1	
Carbon tetrachloride	ND	ug/L	1.0	1		02/22/24 15:48	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/22/24 15:48	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/22/24 15:48	75-00-3	v1	
Chloroform	ND	ug/L	1.0	1		02/22/24 15:48	67-66-3	M1	
Chloromethane	ND	ug/L	1.0	1		02/22/24 15:48	74-87-3	M1	
Cyclohexane	ND	ug/L	1.0	1		02/22/24 15:48	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/22/24 15:48	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/22/24 15:48	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/22/24 15:48	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 15:48	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 15:48	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 15:48	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/22/24 15:48	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/22/24 15:48	75-34-3	M1	
1,2-Dichloroethane	ND	ug/L	1.0	1		02/22/24 15:48	107-06-2	M1	
1,1-Dichloroethene	ND	ug/L	1.0	1		02/22/24 15:48	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 15:48	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 15:48	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/22/24 15:48	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 15:48	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 15:48	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/22/24 15:48	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/22/24 15:48	100-41-4		

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-1	Lab ID: 92714034002	Collected: 02/15/24 10:13	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
2-Hexanone	ND	ug/L	5.0	1		02/22/24 15:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/22/24 15:48	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/22/24 15:48	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/22/24 15:48	108-87-2	v1
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 15:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/22/24 15:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/22/24 15:48	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/22/24 15:48	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/22/24 15:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/22/24 15:48	127-18-4	
Toluene	ND	ug/L	1.0	1		02/22/24 15:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 15:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 15:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/22/24 15:48	71-55-6	M1
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/22/24 15:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/22/24 15:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/22/24 15:48	75-69-4	M1,v1
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/22/24 15:48	76-13-1	M1,v1
Vinyl chloride	ND	ug/L	1.0	1		02/22/24 15:48	75-01-4	M1,v1
Xylene (Total)	ND	ug/L	1.0	1		02/22/24 15:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/22/24 15:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/22/24 15:48	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/22/24 15:48	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/22/24 15:48	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		02/22/24 15:48	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-3	Lab ID: 92714034003	Collected: 02/15/24 10:46	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Metals (ICP) 6010D</b>		Analytical Method: EPA 6010D Preparation Method: 3015 Pace National - Mt. Juliet						
Aluminum	3570	ug/L	200	1	02/22/24 03:57	02/22/24 09:20	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7440-38-2	
Barium	227	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:20	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:20	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:20	7440-43-9	
Calcium	14400	ug/L	1000	1	02/22/24 03:57	02/22/24 09:20	7440-70-2	
Chromium	220	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7440-47-3	
Cobalt	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7440-48-4	
Copper	69.3	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7440-50-8	
Iron	25100	ug/L	100	1	02/22/24 03:57	02/22/24 09:20	7439-89-6	
Lead	ND	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:20	7439-92-1	
Magnesium	7130	ug/L	1000	1	02/22/24 03:57	02/22/24 09:20	7439-95-4	
Manganese	776	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7439-96-5	
Nickel	56.4	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7440-02-0	
Potassium	6140	ug/L	2000	1	02/22/24 03:57	02/22/24 09:20	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:20	7440-22-4	
Sodium	23800	ug/L	3000	1	02/22/24 03:57	02/22/24 09:20	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:20	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:20	7440-62-2	
Zinc	ND	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:20	7440-66-6	
<b>Mercury 7470A</b>		Analytical Method: EPA 7470A Preparation Method: 7470A Pace National - Mt. Juliet						
Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 09:59	7439-97-6	
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte						
Acenaphthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	208-96-8	
Acetophenone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	98-86-2	
Anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	120-12-7	
Atrazine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	1912-24-9	
Benzaldehyde	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	100-52-7	
Benzo(a)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	85-68-7	
Caprolactam	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	105-60-2	
Carbazole	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-3	Lab ID: 92714034003	Collected: 02/15/24 10:46	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:18	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	7005-72-3	
Chrysene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:18	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:18	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 14:18	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	1	02/22/24 02:24	02/25/24 14:18	117-81-7	
Fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	206-44-0	
Fluorene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	87-68-3	
Hexachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	193-39-5	
Isophorone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	15831-10-4	
Naphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	91-20-3	
2-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:18	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:18	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:18	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	88-75-5	v1
4-Nitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 14:18	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:18	87-86-5	
Phenanthrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	85-01-8	
Phenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	108-95-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-3	Lab ID: 92714034003	Collected: 02/15/24 10:46	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:18	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	75	%	10-133	1	02/22/24 02:24	02/25/24 14:18	4165-60-0		
2-Fluorobiphenyl (S)	69	%	10-130	1	02/22/24 02:24	02/25/24 14:18	321-60-8		
Terphenyl-d14 (S)	129	%	10-193	1	02/22/24 02:24	02/25/24 14:18	1718-51-0		
Phenol-d6 (S)	32	%	10-130	1	02/22/24 02:24	02/25/24 14:18	13127-88-3		
2-Fluorophenol (S)	19	%	10-130	1	02/22/24 02:24	02/25/24 14:18	367-12-4		
2,4,6-Tribromophenol (S)	21	%	10-166	1	02/22/24 02:24	02/25/24 14:18	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/22/24 16:06	67-64-1		
Benzene	ND	ug/L	1.0	1		02/22/24 16:06	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/22/24 16:06	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		02/22/24 16:06	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/22/24 16:06	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/22/24 16:06	74-83-9	v2	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/22/24 16:06	78-93-3		
Carbon disulfide	ND	ug/L	2.0	1		02/22/24 16:06	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		02/22/24 16:06	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/22/24 16:06	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/22/24 16:06	75-00-3	v1	
Chloroform	ND	ug/L	1.0	1		02/22/24 16:06	67-66-3		
Chloromethane	ND	ug/L	1.0	1		02/22/24 16:06	74-87-3		
Cyclohexane	ND	ug/L	1.0	1		02/22/24 16:06	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/22/24 16:06	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/22/24 16:06	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/22/24 16:06	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:06	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:06	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:06	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/22/24 16:06	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/22/24 16:06	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		02/22/24 16:06	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:06	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:06	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:06	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/22/24 16:06	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 16:06	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 16:06	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/22/24 16:06	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/22/24 16:06	100-41-4		

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-3	Lab ID: 92714034003	Collected: 02/15/24 10:46	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
2-Hexanone	ND	ug/L	5.0	1		02/22/24 16:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/22/24 16:06	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/22/24 16:06	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/22/24 16:06	108-87-2	v1
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 16:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/22/24 16:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/22/24 16:06	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/22/24 16:06	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/22/24 16:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/22/24 16:06	127-18-4	
Toluene	ND	ug/L	1.0	1		02/22/24 16:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/22/24 16:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/22/24 16:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/22/24 16:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/22/24 16:06	75-69-4	v1
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/22/24 16:06	76-13-1	v1
Vinyl chloride	ND	ug/L	1.0	1		02/22/24 16:06	75-01-4	v1
Xylene (Total)	ND	ug/L	1.0	1		02/22/24 16:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/22/24 16:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/22/24 16:06	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/22/24 16:06	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/22/24 16:06	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		02/22/24 16:06	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-4 Lab ID: 92714034004 Collected: 02/15/24 11:19 Received: 02/16/24 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Metals (ICP) 6010D</b>								
Analytical Method: EPA 6010D Preparation Method: 3015								
Pace National - Mt. Juliet								
Aluminum	9510	ug/L	200	1	02/22/24 03:57	02/22/24 09:22	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7440-38-2	
Barium	776	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:22	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:22	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:22	7440-43-9	
Calcium	15100	ug/L	1000	1	02/22/24 03:57	02/22/24 09:22	7440-70-2	
Chromium	128	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7440-47-3	
Cobalt	21.7	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7440-48-4	
Copper	52.7	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7440-50-8	
Iron	25700	ug/L	100	1	02/22/24 03:57	02/22/24 09:22	7439-89-6	
Lead	7.59	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:22	7439-92-1	
Magnesium	9030	ug/L	1000	1	02/22/24 03:57	02/22/24 09:22	7439-95-4	
Manganese	1610	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7439-96-5	
Nickel	43.2	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7440-02-0	
Potassium	6340	ug/L	2000	1	02/22/24 03:57	02/22/24 09:22	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:22	7440-22-4	
Sodium	19700	ug/L	3000	1	02/22/24 03:57	02/22/24 09:22	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:22	7440-28-0	
Vanadium	23.0	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:22	7440-62-2	
Zinc	82.1	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:22	7440-66-6	

**Mercury 7470A**

Analytical Method: EPA 7470A Preparation Method: 7470A

Pace National - Mt. Juliet

Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 10:02	7439-97-6	
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**8270E APP9 RV**

Analytical Method: EPA 8270E Preparation Method: EPA 3510C

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	208-96-8	
Acetophenone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	98-86-2	
Anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	120-12-7	
Atrazine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	1912-24-9	
Benzaldehyde	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	100-52-7	
Benzo(a)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	85-68-7	
Caprolactam	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	105-60-2	
Carbazole	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-4	Lab ID: 92714034004	Collected: 02/15/24 11:19	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:44	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	7005-72-3	
Chrysene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:44	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:44	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 14:44	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	1	02/22/24 02:24	02/25/24 14:44	117-81-7	
Fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	206-44-0	
Fluorene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	87-68-3	
Hexachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	193-39-5	
Isophorone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	15831-10-4	
Naphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	91-20-3	
2-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:44	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:44	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:44	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	88-75-5	v1
4-Nitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 14:44	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 14:44	87-86-5	
Phenanthrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	85-01-8	
Phenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	108-95-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-4	Lab ID: 92714034004	Collected: 02/15/24 11:19	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 14:44	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	63	%	10-133	1	02/22/24 02:24	02/25/24 14:44	4165-60-0		
2-Fluorobiphenyl (S)	59	%	10-130	1	02/22/24 02:24	02/25/24 14:44	321-60-8		
Terphenyl-d14 (S)	127	%	10-193	1	02/22/24 02:24	02/25/24 14:44	1718-51-0		
Phenol-d6 (S)	23	%	10-130	1	02/22/24 02:24	02/25/24 14:44	13127-88-3		
2-Fluorophenol (S)	12	%	10-130	1	02/22/24 02:24	02/25/24 14:44	367-12-4		
2,4,6-Tribromophenol (S)	12	%	10-166	1	02/22/24 02:24	02/25/24 14:44	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/22/24 16:25	67-64-1		
Benzene	ND	ug/L	1.0	1		02/22/24 16:25	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/22/24 16:25	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		02/22/24 16:25	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/22/24 16:25	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/22/24 16:25	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		02/22/24 16:25	78-93-3		
Carbon disulfide	ND	ug/L	2.0	1		02/22/24 16:25	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		02/22/24 16:25	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/22/24 16:25	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/22/24 16:25	75-00-3	v1	
Chloroform	1.0	ug/L	1.0	1		02/22/24 16:25	67-66-3		
Chloromethane	ND	ug/L	1.0	1		02/22/24 16:25	74-87-3		
Cyclohexane	ND	ug/L	1.0	1		02/22/24 16:25	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/22/24 16:25	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/22/24 16:25	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/22/24 16:25	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:25	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:25	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:25	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/22/24 16:25	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/22/24 16:25	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		02/22/24 16:25	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:25	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:25	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:25	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/22/24 16:25	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 16:25	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 16:25	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/22/24 16:25	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/22/24 16:25	100-41-4		

## REPORT OF LABORATORY ANALYSIS

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**ANALYTICAL RESULTS**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-4	Lab ID: 92714034004	Collected: 02/15/24 11:19	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
2-Hexanone	ND	ug/L	5.0	1		02/22/24 16:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/22/24 16:25	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/22/24 16:25	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/22/24 16:25	108-87-2	v1
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 16:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/22/24 16:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/22/24 16:25	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/22/24 16:25	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/22/24 16:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/22/24 16:25	127-18-4	
Toluene	ND	ug/L	1.0	1		02/22/24 16:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/22/24 16:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/22/24 16:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/22/24 16:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/22/24 16:25	75-69-4	v1
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/22/24 16:25	76-13-1	v1
Vinyl chloride	ND	ug/L	1.0	1		02/22/24 16:25	75-01-4	v1
Xylene (Total)	ND	ug/L	1.0	1		02/22/24 16:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/22/24 16:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/22/24 16:25	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/22/24 16:25	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		02/22/24 16:25	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		02/22/24 16:25	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6	Lab ID: 92714034005	Collected: 02/15/24 12:09	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

**Metals (ICP) 6010D**

Analytical Method: EPA 6010D Preparation Method: 3015

Pace National - Mt. Juliet

Aluminum	5700	ug/L	200	1	02/22/24 03:57	02/22/24 09:24	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7440-38-2	
Barium	442	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:24	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:24	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:24	7440-43-9	
Calcium	14700	ug/L	1000	1	02/22/24 03:57	02/22/24 09:24	7440-70-2	
Chromium	131	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7440-47-3	
Cobalt	15.3	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7440-48-4	
Copper	55.4	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7440-50-8	
Iron	21700	ug/L	100	1	02/22/24 03:57	02/22/24 09:24	7439-89-6	
Lead	18.3	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:24	7439-92-1	
Magnesium	7730	ug/L	1000	1	02/22/24 03:57	02/22/24 09:24	7439-95-4	
Manganese	1880	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7439-96-5	
Nickel	40.0	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7440-02-0	
Potassium	5590	ug/L	2000	1	02/22/24 03:57	02/22/24 09:24	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:24	7440-22-4	
Sodium	25100	ug/L	3000	1	02/22/24 03:57	02/22/24 09:24	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:24	7440-28-0	
Vanadium	23.0	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:24	7440-62-2	
Zinc	71.0	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:24	7440-66-6	

**Mercury 7470A**

Analytical Method: EPA 7470A Preparation Method: 7470A

Pace National - Mt. Juliet

Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 10:04	7439-97-6	
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**8270E APP9 RV**

Analytical Method: EPA 8270E Preparation Method: EPA 3510C

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	208-96-8	
Acetophenone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	98-86-2	
Anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	120-12-7	
Atrazine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	1912-24-9	
Benzaldehyde	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	100-52-7	
Benzo(a)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	85-68-7	
Caprolactam	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	105-60-2	
Carbazole	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6	Lab ID: 92714034005	Collected: 02/15/24 12:09	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:09	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	7005-72-3	
Chrysene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:09	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 15:09	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	1	02/22/24 02:24	02/25/24 15:09	117-81-7	
Fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	206-44-0	
Fluorene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	87-68-3	
Hexachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	193-39-5	
Isophorone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	15831-10-4	
Naphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	91-20-3	
2-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:09	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:09	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:09	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	88-75-5	v1
4-Nitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 15:09	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:09	87-86-5	
Phenanthrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	85-01-8	
Phenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	108-95-2	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6	Lab ID: 92714034005	Collected: 02/15/24 12:09	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:09	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	87	%	10-133	1	02/22/24 02:24	02/25/24 15:09	4165-60-0		
2-Fluorobiphenyl (S)	82	%	10-130	1	02/22/24 02:24	02/25/24 15:09	321-60-8		
Terphenyl-d14 (S)	127	%	10-193	1	02/22/24 02:24	02/25/24 15:09	1718-51-0		
Phenol-d6 (S)	41	%	10-130	1	02/22/24 02:24	02/25/24 15:09	13127-88-3		
2-Fluorophenol (S)	61	%	10-130	1	02/22/24 02:24	02/25/24 15:09	367-12-4		
2,4,6-Tribromophenol (S)	98	%	10-166	1	02/22/24 02:24	02/25/24 15:09	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/22/24 16:43	67-64-1		
Benzene	ND	ug/L	1.0	1		02/22/24 16:43	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/22/24 16:43	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		02/22/24 16:43	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/22/24 16:43	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/22/24 16:43	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		02/22/24 16:43	78-93-3		
Carbon disulfide	ND	ug/L	2.0	1		02/22/24 16:43	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		02/22/24 16:43	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/22/24 16:43	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/22/24 16:43	75-00-3	v1	
Chloroform	ND	ug/L	1.0	1		02/22/24 16:43	67-66-3		
Chloromethane	ND	ug/L	1.0	1		02/22/24 16:43	74-87-3		
Cyclohexane	ND	ug/L	1.0	1		02/22/24 16:43	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/22/24 16:43	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/22/24 16:43	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/22/24 16:43	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:43	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:43	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:43	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/22/24 16:43	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/22/24 16:43	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		02/22/24 16:43	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:43	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:43	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 16:43	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/22/24 16:43	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 16:43	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 16:43	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/22/24 16:43	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/22/24 16:43	100-41-4		

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6	Lab ID: 92714034005	Collected: 02/15/24 12:09	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
2-Hexanone	ND	ug/L	5.0	1		02/22/24 16:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/22/24 16:43	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/22/24 16:43	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/22/24 16:43	108-87-2	v1
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 16:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/22/24 16:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/22/24 16:43	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/22/24 16:43	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/22/24 16:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/22/24 16:43	127-18-4	
Toluene	ND	ug/L	1.0	1		02/22/24 16:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 16:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/22/24 16:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/22/24 16:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/22/24 16:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/22/24 16:43	75-69-4	v1
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/22/24 16:43	76-13-1	v1
Vinyl chloride	ND	ug/L	1.0	1		02/22/24 16:43	75-01-4	v1
Xylene (Total)	ND	ug/L	1.0	1		02/22/24 16:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/22/24 16:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/22/24 16:43	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/22/24 16:43	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		02/22/24 16:43	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		02/22/24 16:43	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6 DUP	Lab ID: 92714034006	Collected: 02/15/24 12:18	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

**Metals (ICP) 6010D**

Analytical Method: EPA 6010D Preparation Method: 3015

Pace National - Mt. Juliet

Aluminum	ND	ug/L	200	1	02/22/24 03:57	02/22/24 09:25	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7440-38-2	
Barium	44.5	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:25	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:25	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:25	7440-43-9	
Calcium	13700	ug/L	1000	1	02/22/24 03:57	02/22/24 09:25	7440-70-2	
Chromium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7440-47-3	
Cobalt	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7440-48-4	
Copper	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7440-50-8	
Iron	972	ug/L	100	1	02/22/24 03:57	02/22/24 09:25	7439-89-6	
Lead	ND	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:25	7439-92-1	
Magnesium	7340	ug/L	1000	1	02/22/24 03:57	02/22/24 09:25	7439-95-4	
Manganese	1510	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7439-96-5	
Nickel	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7440-02-0	
Potassium	3530	ug/L	2000	1	02/22/24 03:57	02/22/24 09:25	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:25	7440-22-4	
Sodium	24600	ug/L	3000	1	02/22/24 03:57	02/22/24 09:25	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:25	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:25	7440-62-2	
Zinc	ND	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:25	7440-66-6	

**Mercury 7470A**

Analytical Method: EPA 7470A Preparation Method: 7470A

Pace National - Mt. Juliet

Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 11:27	7439-97-6	
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**8270E APP9 RV**

Analytical Method: EPA 8270E Preparation Method: EPA 3510C

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	83-32-9	
Acenaphthylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	208-96-8	
Acetophenone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	98-86-2	
Anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	120-12-7	
Atrazine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	1912-24-9	
Benzaldehyde	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	100-52-7	
Benzo(a)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	85-68-7	
Caprolactam	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	105-60-2	
Carbazole	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6 DUP	Lab ID: 92714034006	Collected: 02/15/24 12:18	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	59-50-7	
4-Chloroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:34	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	111-44-4	
2-Chloronaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	91-58-7	
2-Chlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	7005-72-3	
Chrysene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	53-70-3	
Dibenzofuran	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	120-83-2	
Diethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	84-66-2	
2,4-Dimethylphenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	105-67-9	
Dimethylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:34	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 15:34	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	5.5	1	02/22/24 02:24	02/25/24 15:34	117-81-7	
Fluoranthene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	206-44-0	
Fluorene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	87-68-3	
Hexachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	77-47-4	
Hexachloroethane	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	193-39-5	
Isophorone	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	78-59-1	
2-Methylnaphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	15831-10-4	
Naphthalene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	91-20-3	
2-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:34	88-74-4	
3-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:34	99-09-2	
4-Nitroaniline	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:34	100-01-6	
Nitrobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	98-95-3	
2-Nitrophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	88-75-5	v1
4-Nitrophenol	ND	ug/L	45.5	1	02/22/24 02:24	02/25/24 15:34	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	108-60-1	
Pentachlorophenol	ND	ug/L	18.2	1	02/22/24 02:24	02/25/24 15:34	87-86-5	
Phenanthrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	85-01-8	
Phenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	108-95-2	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6 DUP	Lab ID: 92714034006	Collected: 02/15/24 12:18	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	9.1	1	02/22/24 02:24	02/25/24 15:34	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	71	%	10-133	1	02/22/24 02:24	02/25/24 15:34	4165-60-0		
2-Fluorobiphenyl (S)	65	%	10-130	1	02/22/24 02:24	02/25/24 15:34	321-60-8		
Terphenyl-d14 (S)	123	%	10-193	1	02/22/24 02:24	02/25/24 15:34	1718-51-0		
Phenol-d6 (S)	37	%	10-130	1	02/22/24 02:24	02/25/24 15:34	13127-88-3		
2-Fluorophenol (S)	48	%	10-130	1	02/22/24 02:24	02/25/24 15:34	367-12-4		
2,4,6-Tribromophenol (S)	92	%	10-166	1	02/22/24 02:24	02/25/24 15:34	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/22/24 17:01	67-64-1		
Benzene	ND	ug/L	1.0	1		02/22/24 17:01	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/22/24 17:01	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		02/22/24 17:01	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/22/24 17:01	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/22/24 17:01	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		02/22/24 17:01	78-93-3		
Carbon disulfide	ND	ug/L	2.0	1		02/22/24 17:01	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		02/22/24 17:01	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/22/24 17:01	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/22/24 17:01	75-00-3	v1	
Chloroform	ND	ug/L	1.0	1		02/22/24 17:01	67-66-3		
Chloromethane	ND	ug/L	1.0	1		02/22/24 17:01	74-87-3		
Cyclohexane	ND	ug/L	1.0	1		02/22/24 17:01	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/22/24 17:01	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/22/24 17:01	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/22/24 17:01	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:01	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:01	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:01	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/22/24 17:01	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/22/24 17:01	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		02/22/24 17:01	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		02/22/24 17:01	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 17:01	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 17:01	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/22/24 17:01	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 17:01	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 17:01	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/22/24 17:01	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/22/24 17:01	100-41-4		

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-6 DUP	Lab ID: 92714034006	Collected: 02/15/24 12:18	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
2-Hexanone	ND	ug/L	5.0	1		02/22/24 17:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/22/24 17:01	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/22/24 17:01	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/22/24 17:01	108-87-2	v1
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 17:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/22/24 17:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/22/24 17:01	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/22/24 17:01	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/22/24 17:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/22/24 17:01	127-18-4	
Toluene	ND	ug/L	1.0	1		02/22/24 17:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/22/24 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/22/24 17:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/22/24 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/22/24 17:01	75-69-4	v1
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/22/24 17:01	76-13-1	v1
Vinyl chloride	ND	ug/L	1.0	1		02/22/24 17:01	75-01-4	v1
Xylene (Total)	ND	ug/L	1.0	1		02/22/24 17:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/22/24 17:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/22/24 17:01	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/22/24 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		02/22/24 17:01	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		02/22/24 17:01	2037-26-5	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

<b>Sample:</b> TW-5	<b>Lab ID:</b> 92714034007	Collected: 02/15/24 13:14	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

**Metals (ICP) 6010D**

Analytical Method: EPA 6010D Preparation Method: 3015

Pace National - Mt. Juliet

Aluminum	8550	ug/L	200	1	02/22/24 03:57	02/22/24 09:27	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7440-38-2	
Barium	986	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:27	7440-39-3	
Beryllium	5.25	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:27	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:27	7440-43-9	
Calcium	23800	ug/L	1000	1	02/22/24 03:57	02/22/24 09:27	7440-70-2	
Chromium	44.8	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7440-47-3	
Cobalt	32.0	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7440-48-4	
Copper	66.1	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7440-50-8	
Iron	19300	ug/L	100	1	02/22/24 03:57	02/22/24 09:27	7439-89-6	
Lead	32.6	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:27	7439-92-1	
Magnesium	15600	ug/L	1000	1	02/22/24 03:57	02/22/24 09:27	7439-95-4	
Manganese	5690	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7439-96-5	
Nickel	27.2	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7440-02-0	
Potassium	ND	ug/L	2000	1	02/22/24 03:57	02/22/24 09:27	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:27	7440-22-4	
Sodium	22900	ug/L	3000	1	02/22/24 03:57	02/22/24 09:27	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:27	7440-28-0	
Vanadium	160	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:27	7440-62-2	
Zinc	86.1	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:27	7440-66-6	

**Mercury 7470A**

Analytical Method: EPA 7470A Preparation Method: 7470A

Pace National - Mt. Juliet

Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 11:29	7439-97-6	
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**8270E APP9 RV**

Analytical Method: EPA 8270E Preparation Method: EPA 3510C

Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	208-96-8	
Acetophenone	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	98-86-2	
Anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	120-12-7	
Atrazine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	1912-24-9	
Benzaldehyde	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	100-52-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	85-68-7	
Caprolactam	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	105-60-2	
Carbazole	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-5	Lab ID: 92714034007	Collected: 02/15/24 13:14	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 16:00	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	7005-72-3	
Chrysene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 16:00	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 16:00	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	50.0	1	02/22/24 02:24	02/25/24 16:00	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	02/22/24 02:24	02/25/24 16:00	117-81-7	
Fluoranthene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	206-44-0	
Fluorene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	193-39-5	
Isophorone	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	78-59-1	
2-Methylnaphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 16:00	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 16:00	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 16:00	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	88-75-5	v1
4-Nitrophenol	ND	ug/L	50.0	1	02/22/24 02:24	02/25/24 16:00	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	108-60-1	
Pentachlorophenol	ND	ug/L	20.0	1	02/22/24 02:24	02/25/24 16:00	87-86-5	
Phenanthrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	85-01-8	
Phenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	108-95-2	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-5	Lab ID: 92714034007	Collected: 02/15/24 13:14	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	02/22/24 02:24	02/25/24 16:00	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	71	%	10-133	1	02/22/24 02:24	02/25/24 16:00	4165-60-0		
2-Fluorobiphenyl (S)	63	%	10-130	1	02/22/24 02:24	02/25/24 16:00	321-60-8		
Terphenyl-d14 (S)	130	%	10-193	1	02/22/24 02:24	02/25/24 16:00	1718-51-0		
Phenol-d6 (S)	33	%	10-130	1	02/22/24 02:24	02/25/24 16:00	13127-88-3		
2-Fluorophenol (S)	47	%	10-130	1	02/22/24 02:24	02/25/24 16:00	367-12-4		
2,4,6-Tribromophenol (S)	91	%	10-166	1	02/22/24 02:24	02/25/24 16:00	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/22/24 17:19	67-64-1		
Benzene	ND	ug/L	1.0	1		02/22/24 17:19	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/22/24 17:19	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		02/22/24 17:19	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/22/24 17:19	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/22/24 17:19	74-83-9		
2-Butanone (MEK)	ND	ug/L	5.0	1		02/22/24 17:19	78-93-3		
Carbon disulfide	ND	ug/L	2.0	1		02/22/24 17:19	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		02/22/24 17:19	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/22/24 17:19	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/22/24 17:19	75-00-3	v1	
Chloroform	ND	ug/L	1.0	1		02/22/24 17:19	67-66-3		
Chloromethane	ND	ug/L	1.0	1		02/22/24 17:19	74-87-3		
Cyclohexane	1.2	ug/L	1.0	1		02/22/24 17:19	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/22/24 17:19	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/22/24 17:19	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/22/24 17:19	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:19	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:19	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:19	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/22/24 17:19	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/22/24 17:19	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		02/22/24 17:19	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		02/22/24 17:19	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 17:19	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/22/24 17:19	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/22/24 17:19	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 17:19	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/22/24 17:19	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/22/24 17:19	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/22/24 17:19	100-41-4		

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: TW-5	Lab ID: 92714034007	Collected: 02/15/24 13:14	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
2-Hexanone	ND	ug/L	5.0	1		02/22/24 17:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/22/24 17:19	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/22/24 17:19	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/22/24 17:19	108-87-2	v1
Methylene Chloride	ND	ug/L	5.0	1		02/22/24 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/22/24 17:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/22/24 17:19	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/22/24 17:19	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/22/24 17:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/22/24 17:19	127-18-4	
Toluene	ND	ug/L	1.0	1		02/22/24 17:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/22/24 17:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/22/24 17:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/22/24 17:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/22/24 17:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/22/24 17:19	75-69-4	v1
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/22/24 17:19	76-13-1	v1
Vinyl chloride	ND	ug/L	1.0	1		02/22/24 17:19	75-01-4	v1
Xylene (Total)	ND	ug/L	1.0	1		02/22/24 17:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/22/24 17:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/22/24 17:19	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	98	%	70-130	1		02/22/24 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		02/22/24 17:19	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		02/22/24 17:19	2037-26-5	

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

<b>Sample: EB</b>	<b>Lab ID: 92714034008</b>	Collected: 02/15/24 14:57	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

#### Metals (ICP) 6010D

Analytical Method: EPA 6010D Preparation Method: 3015  
Pace National - Mt. Juliet

Aluminum	ND	ug/L	200	1	02/22/24 03:57	02/22/24 09:29	7429-90-5	
Antimony	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7440-36-0	
Arsenic	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7440-38-2	
Barium	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:29	7440-39-3	
Beryllium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:29	7440-41-7	
Cadmium	ND	ug/L	2.00	1	02/22/24 03:57	02/22/24 09:29	7440-43-9	
Calcium	ND	ug/L	1000	1	02/22/24 03:57	02/22/24 09:29	7440-70-2	
Chromium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7440-47-3	
Cobalt	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7440-48-4	
Copper	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7440-50-8	
Iron	ND	ug/L	100	1	02/22/24 03:57	02/22/24 09:29	7439-89-6	
Lead	ND	ug/L	6.00	1	02/22/24 03:57	02/22/24 09:29	7439-92-1	
Magnesium	ND	ug/L	1000	1	02/22/24 03:57	02/22/24 09:29	7439-95-4	
Manganese	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7439-96-5	
Nickel	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7440-02-0	
Potassium	ND	ug/L	2000	1	02/22/24 03:57	02/22/24 09:29	7440-09-7	
Selenium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7782-49-2	
Silver	ND	ug/L	5.00	1	02/22/24 03:57	02/22/24 09:29	7440-22-4	
Sodium	ND	ug/L	3000	1	02/22/24 03:57	02/22/24 09:29	7440-23-5	
Thallium	ND	ug/L	10.0	1	02/22/24 03:57	02/22/24 09:29	7440-28-0	
Vanadium	ND	ug/L	20.0	1	02/22/24 03:57	02/22/24 09:29	7440-62-2	
Zinc	ND	ug/L	50.0	1	02/22/24 03:57	02/22/24 09:29	7440-66-6	

#### Mercury 7470A

Analytical Method: EPA 7470A Preparation Method: 7470A  
Pace National - Mt. Juliet

Mercury	ND	ug/L	0.200	1	02/21/24 17:21	02/22/24 11:32	7439-97-6	
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#### 8270E APP9 RV

Analytical Method: EPA 8270E Preparation Method: EPA 3510C  
Pace Analytical Services - Charlotte

Acenaphthene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	83-32-9	
Acenaphthylene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	208-96-8	
Acetophenone	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	98-86-2	
Anthracene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	120-12-7	
Atrazine	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	1912-24-9	
Benzaldehyde	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	100-52-7	
Benzo(a)anthracene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	56-55-3	
Benzo(a)pyrene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	207-08-9	
Biphenyl (Diphenyl)	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	101-55-3	
Butylbenzylphthalate	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	85-68-7	
Caprolactam	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	105-60-2	
Carbazole	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	86-74-8	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: EB	Lab ID: 92714034008	Collected: 02/15/24 14:57	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270E APP9 RV</b>		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
		Pace Analytical Services - Charlotte						
4-Chloro-3-methylphenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	59-50-7	
4-Chloroaniline	ND	ug/L	22.2	1	02/22/24 02:24	02/25/24 16:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	111-44-4	
2-Chloronaphthalene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	91-58-7	
2-Chlorophenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	7005-72-3	
Chrysene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	53-70-3	
Dibenzofuran	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	132-64-9	
3,3'-Dichlorobenzidine	ND	ug/L	22.2	1	02/22/24 02:24	02/25/24 16:25	91-94-1	
2,4-Dichlorophenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	120-83-2	
Diethylphthalate	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	84-66-2	
2,4-Dimethylphenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	105-67-9	
Dimethylphthalate	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	131-11-3	
Di-n-butylphthalate	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	22.2	1	02/22/24 02:24	02/25/24 16:25	534-52-1	v1
2,4-Dinitrophenol	ND	ug/L	55.6	1	02/22/24 02:24	02/25/24 16:25	51-28-5	v1
2,4-Dinitrotoluene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	606-20-2	
Di-n-octylphthalate	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.7	1	02/22/24 02:24	02/25/24 16:25	117-81-7	
Fluoranthene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	206-44-0	
Fluorene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	87-68-3	
Hexachlorobenzene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	77-47-4	
Hexachloroethane	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	193-39-5	
Isophorone	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	78-59-1	
2-Methylnaphthalene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	15831-10-4	
Naphthalene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	91-20-3	
2-Nitroaniline	ND	ug/L	22.2	1	02/22/24 02:24	02/25/24 16:25	88-74-4	
3-Nitroaniline	ND	ug/L	22.2	1	02/22/24 02:24	02/25/24 16:25	99-09-2	
4-Nitroaniline	ND	ug/L	22.2	1	02/22/24 02:24	02/25/24 16:25	100-01-6	
Nitrobenzene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	98-95-3	
2-Nitrophenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	88-75-5	v1
4-Nitrophenol	ND	ug/L	55.6	1	02/22/24 02:24	02/25/24 16:25	100-02-7	
N-Nitroso-di-n-propylamine	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	108-60-1	
Pentachlorophenol	ND	ug/L	22.2	1	02/22/24 02:24	02/25/24 16:25	87-86-5	
Phenanthrene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	85-01-8	
Phenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	108-95-2	

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## ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: EB	Lab ID: 92714034008	Collected: 02/15/24 14:57	Received: 02/16/24 16:00	Matrix: Water					
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>8270E APP9 RV</b>									
Analytical Method: EPA 8270E Preparation Method: EPA 3510C									
Pace Analytical Services - Charlotte									
Pyrene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	129-00-0	v1	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	95-94-3		
2,3,4,6-Tetrachlorophenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	58-90-2		
2,4,5-Trichlorophenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	11.1	1	02/22/24 02:24	02/25/24 16:25	88-06-2		
<b>Surrogates</b>									
Nitrobenzene-d5 (S)	91	%	10-133	1	02/22/24 02:24	02/25/24 16:25	4165-60-0		
2-Fluorobiphenyl (S)	83	%	10-130	1	02/22/24 02:24	02/25/24 16:25	321-60-8		
Terphenyl-d14 (S)	117	%	10-193	1	02/22/24 02:24	02/25/24 16:25	1718-51-0		
Phenol-d6 (S)	40	%	10-130	1	02/22/24 02:24	02/25/24 16:25	13127-88-3		
2-Fluorophenol (S)	23	%	10-130	1	02/22/24 02:24	02/25/24 16:25	367-12-4		
2,4,6-Tribromophenol (S)	30	%	10-166	1	02/22/24 02:24	02/25/24 16:25	118-79-6		
<b>8260 MSV Low Level SC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/L	25.0	1		02/20/24 19:50	67-64-1		
Benzene	ND	ug/L	1.0	1		02/20/24 19:50	71-43-2		
Bromochloromethane	ND	ug/L	1.0	1		02/20/24 19:50	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		02/20/24 19:50	75-27-4		
Bromoform	ND	ug/L	1.0	1		02/20/24 19:50	75-25-2		
Bromomethane	ND	ug/L	2.0	1		02/20/24 19:50	74-83-9	v2	
2-Butanone (MEK)	ND	ug/L	5.0	1		02/20/24 19:50	78-93-3		
Carbon disulfide	ND	ug/L	2.0	1		02/20/24 19:50	75-15-0		
Carbon tetrachloride	ND	ug/L	1.0	1		02/20/24 19:50	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		02/20/24 19:50	108-90-7		
Chloroethane	ND	ug/L	1.0	1		02/20/24 19:50	75-00-3		
Chloroform	ND	ug/L	1.0	1		02/20/24 19:50	67-66-3		
Chloromethane	ND	ug/L	1.0	1		02/20/24 19:50	74-87-3		
Cyclohexane	ND	ug/L	1.0	1		02/20/24 19:50	110-82-7		
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		02/20/24 19:50	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		02/20/24 19:50	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		02/20/24 19:50	106-93-4		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		02/20/24 19:50	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		02/20/24 19:50	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		02/20/24 19:50	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		02/20/24 19:50	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		02/20/24 19:50	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		02/20/24 19:50	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		02/20/24 19:50	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		02/20/24 19:50	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		02/20/24 19:50	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		02/20/24 19:50	78-87-5		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		02/20/24 19:50	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		02/20/24 19:50	10061-02-6		
1,4-Dioxane (p-Dioxane)	ND	ug/L	150	1		02/20/24 19:50	123-91-1		
Ethylbenzene	ND	ug/L	1.0	1		02/20/24 19:50	100-41-4		

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Sample: EB	Lab ID: 92714034008	Collected: 02/15/24 14:57	Received: 02/16/24 16:00	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level SC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte						
2-Hexanone	ND	ug/L	5.0	1		02/20/24 19:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	1		02/20/24 19:50	98-82-8	
Methyl acetate	ND	ug/L	10.0	1		02/20/24 19:50	79-20-9	
Methylcyclohexane	ND	ug/L	10.0	1		02/20/24 19:50	108-87-2	
Methylene Chloride	ND	ug/L	5.0	1		02/20/24 19:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		02/20/24 19:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		02/20/24 19:50	1634-04-4	
Styrene	ND	ug/L	1.0	1		02/20/24 19:50	100-42-5	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		02/20/24 19:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		02/20/24 19:50	127-18-4	
Toluene	ND	ug/L	1.0	1		02/20/24 19:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		02/20/24 19:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		02/20/24 19:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		02/20/24 19:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		02/20/24 19:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		02/20/24 19:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		02/20/24 19:50	75-69-4	
1,1,2-Trichlorotrifluoroethane	ND	ug/L	1.0	1		02/20/24 19:50	76-13-1	
Vinyl chloride	ND	ug/L	1.0	1		02/20/24 19:50	75-01-4	
Xylene (Total)	ND	ug/L	1.0	1		02/20/24 19:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		02/20/24 19:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		02/20/24 19:50	95-47-6	
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	100	%	70-130	1		02/20/24 19:50	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		02/20/24 19:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		02/20/24 19:50	2037-26-5	

### REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

QC Batch:	2230988	Analysis Method:	EPA 6010D
QC Batch Method:	3015	Analysis Description:	Metals (ICP) 6010D
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007, 92714034008		

METHOD BLANK:	R4037098-1	Matrix:	Water
Associated Lab Samples:	92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007, 92714034008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aluminum	ug/L	ND	200	02/22/24 08:56	
Antimony	ug/L	ND	10.0	02/22/24 08:56	
Arsenic	ug/L	ND	10.0	02/22/24 08:56	
Barium	ug/L	ND	5.00	02/22/24 08:56	
Beryllium	ug/L	ND	2.00	02/22/24 08:56	
Cadmium	ug/L	ND	2.00	02/22/24 08:56	
Calcium	ug/L	ND	1000	02/22/24 08:56	
Chromium	ug/L	ND	10.0	02/22/24 08:56	
Cobalt	ug/L	ND	10.0	02/22/24 08:56	
Copper	ug/L	ND	10.0	02/22/24 08:56	
Iron	ug/L	ND	100	02/22/24 08:56	
Lead	ug/L	ND	6.00	02/22/24 08:56	
Magnesium	ug/L	ND	1000	02/22/24 08:56	
Manganese	ug/L	ND	10.0	02/22/24 08:56	
Nickel	ug/L	ND	10.0	02/22/24 08:56	
Potassium	ug/L	ND	2000	02/22/24 08:56	
Selenium	ug/L	ND	10.0	02/22/24 08:56	
Silver	ug/L	ND	5.00	02/22/24 08:56	
Sodium	ug/L	ND	3000	02/22/24 08:56	
Thallium	ug/L	ND	10.0	02/22/24 08:56	
Vanadium	ug/L	ND	20.0	02/22/24 08:56	
Zinc	ug/L	ND	50.0	02/22/24 08:56	

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Aluminum	ug/L	10000	10100	101	80.0-120	
Antimony	ug/L	1000	964	96.4	80.0-120	
Arsenic	ug/L	1000	977	97.7	80.0-120	
Barium	ug/L	1000	1020	102	80.0-120	
Beryllium	ug/L	1000	1000	100	80.0-120	
Cadmium	ug/L	1000	969	96.9	80.0-120	
Calcium	ug/L	10000	10100	101	80.0-120	
Chromium	ug/L	1000	1020	102	80.0-120	
Cobalt	ug/L	1000	944	94.4	80.0-120	
Copper	ug/L	1000	1020	102	80.0-120	
Iron	ug/L	10000	10000	100	80.0-120	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

LABORATORY CONTROL SAMPLE: R4037098-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1000	960	96.0	80.0-120	
Magnesium	ug/L	10000	9980	99.8	80.0-120	
Manganese	ug/L	1000	1030	103	80.0-120	
Nickel	ug/L	1000	961	96.1	80.0-120	
Potassium	ug/L	10000	10100	101	80.0-120	
Selenium	ug/L	1000	958	95.8	80.0-120	
Silver	ug/L	200	194	97.2	80.0-120	
Sodium	ug/L	10000	10000	100	80.0-120	
Thallium	ug/L	1000	1010	101	80.0-120	
Vanadium	ug/L	1000	979	97.9	80.0-120	
Zinc	ug/L	1000	1000	100	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4037098-4 R4037098-5

Parameter	Units	L1706927-01		MSD		MS		MSD		% Rec Limits	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
Aluminum	ug/L	ND	10000	10000	10000	9880	100	98.8	75.0-125	1.47		
Antimony	ug/L	ND	1000	1000	987	966	98.7	96.6	75.0-125	2.12		
Arsenic	ug/L	19.7	1000	1000	1020	1000	100	98.3	75.0-125	1.72		
Barium	ug/L	314	1000	1000	1310	1280	99.5	97.0	75.0-125	1.93		
Beryllium	ug/L	ND	1000	1000	1000	991	100	99.1	75.0-125	1.32		
Cadmium	ug/L	ND	1000	1000	976	962	97.6	96.2	75.0-125	1.42		
Calcium	ug/L	122000	10000	10000	130000	130000	76.5	78.3	75.0-125	0.135		
Chromium	ug/L	ND	1000	1000	1000	985	100	98.5	75.0-125	1.53		
Cobalt	ug/L	ND	1000	1000	955	944	95.5	94.4	75.0-125	1.15		
Copper	ug/L	ND	1000	1000	1000	994	100	99.4	75.0-125	1.09		
Iron	ug/L	6070	10000	10000	15900	15700	98.5	96.2	75.0-125	1.45		
Lead	ug/L	ND	1000	1000	970	955	97.0	95.5	75.0-125	1.52		
Magnesium	ug/L	31100	10000	10000	40000	40100	89.6	90.1	75.0-125	0.145		
Manganese	ug/L	942	1000	1000	1900	1890	95.8	95.2	75.0-125	0.323		
Nickel	ug/L	10.5	1000	1000	973	979	96.3	96.9	75.0-125	0.638		
Potassium	ug/L	3860	10000	10000	13900	13700	99.9	98.6	75.0-125	0.971		
Selenium	ug/L	11.8	1000	1000	1030	1020	101	101	75.0-125	0.658		
Silver	ug/L	2.80	200	200	198	194	97.6	95.5	75.0-125	2.13		
Sodium	ug/L	61900	10000	10000	70500	70900	86.2	89.9	75.0-125	0.526		
Thallium	ug/L	ND	1000	1000	1010	995	101	99.5	75.0-125	1.13		
Vanadium	ug/L	ND	1000	1000	974	958	97.4	95.8	75.0-125	1.64		
Zinc	ug/L	58.0	1000	1000	1030	1040	97.6	97.7	75.0-125	0.097		

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

QC Batch:	2230248	Analysis Method:	EPA 7470A
QC Batch Method:	7470A	Analysis Description:	Mercury 7470A
		Laboratory:	Pace National - Mt. Juliet

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007, 92714034008

METHOD BLANK: R4036976-1 Matrix: Water

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007, 92714034008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.200	02/22/24 09:02	

LABORATORY CONTROL SAMPLE: R4036976-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	3.00	2.57	85.7	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4036976-3 R4036976-4

Parameter	Units	L1707308-01 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result					
Mercury	ug/L	ND	3.00	2.64	3.00	2.69	87.9	89.7	75.0-125	2.07	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

QC Batch: 833564

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714034008

METHOD BLANK: 4307190

Matrix: Water

Associated Lab Samples: 92714034008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	02/20/24 13:47	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/20/24 13:47	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/20/24 13:47	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	02/20/24 13:47	
1,1-Dichloroethane	ug/L	ND	1.0	02/20/24 13:47	
1,1-Dichloroethene	ug/L	ND	1.0	02/20/24 13:47	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	02/20/24 13:47	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/20/24 13:47	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	02/20/24 13:47	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/20/24 13:47	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/20/24 13:47	
1,2-Dichloroethane	ug/L	ND	1.0	02/20/24 13:47	
1,2-Dichloropropane	ug/L	ND	1.0	02/20/24 13:47	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/20/24 13:47	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/20/24 13:47	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	02/20/24 13:47	
2-Butanone (MEK)	ug/L	ND	5.0	02/20/24 13:47	
2-Hexanone	ug/L	ND	5.0	02/20/24 13:47	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	02/20/24 13:47	
Acetone	ug/L	ND	25.0	02/20/24 13:47	
Benzene	ug/L	ND	1.0	02/20/24 13:47	
Bromochloromethane	ug/L	ND	1.0	02/20/24 13:47	
Bromodichloromethane	ug/L	ND	1.0	02/20/24 13:47	
Bromoform	ug/L	ND	1.0	02/20/24 13:47	
Bromomethane	ug/L	ND	2.0	02/20/24 13:47	v2
Carbon disulfide	ug/L	ND	2.0	02/20/24 13:47	
Carbon tetrachloride	ug/L	ND	1.0	02/20/24 13:47	
Chlorobenzene	ug/L	ND	1.0	02/20/24 13:47	
Chloroethane	ug/L	ND	1.0	02/20/24 13:47	
Chloroform	ug/L	ND	1.0	02/20/24 13:47	
Chloromethane	ug/L	ND	1.0	02/20/24 13:47	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/20/24 13:47	
cis-1,3-Dichloropropene	ug/L	ND	1.0	02/20/24 13:47	
Cyclohexane	ug/L	ND	1.0	02/20/24 13:47	
Dibromochloromethane	ug/L	ND	1.0	02/20/24 13:47	
Dichlorodifluoromethane	ug/L	ND	1.0	02/20/24 13:47	
Ethylbenzene	ug/L	ND	1.0	02/20/24 13:47	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	02/20/24 13:47	
m&p-Xylene	ug/L	ND	2.0	02/20/24 13:47	
Methyl acetate	ug/L	ND	10.0	02/20/24 13:47	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

METHOD BLANK: 4307190

Matrix: Water

Associated Lab Samples: 92714034008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methyl-tert-butyl ether	ug/L	ND	1.0	02/20/24 13:47	
Methylcyclohexane	ug/L	ND	10.0	02/20/24 13:47	
Methylene Chloride	ug/L	ND	5.0	02/20/24 13:47	
o-Xylene	ug/L	ND	1.0	02/20/24 13:47	
Styrene	ug/L	ND	1.0	02/20/24 13:47	
Tetrachloroethene	ug/L	ND	1.0	02/20/24 13:47	
Toluene	ug/L	ND	1.0	02/20/24 13:47	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/20/24 13:47	
trans-1,3-Dichloropropene	ug/L	ND	1.0	02/20/24 13:47	
Trichloroethene	ug/L	ND	1.0	02/20/24 13:47	
Trichlorofluoromethane	ug/L	ND	1.0	02/20/24 13:47	
Vinyl chloride	ug/L	ND	1.0	02/20/24 13:47	
Xylene (Total)	ug/L	ND	1.0	02/20/24 13:47	
1,2-Dichloroethane-d4 (S)	%	104	70-130	02/20/24 13:47	
4-Bromofluorobenzene (S)	%	102	70-130	02/20/24 13:47	
Toluene-d8 (S)	%	102	70-130	02/20/24 13:47	

LABORATORY CONTROL SAMPLE: 4307191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	21.2	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	19.2	96	70-130	
1,1,2-Trichloroethane	ug/L	20	19.6	98	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	20	23.4	117	70-130	
1,1-Dichloroethane	ug/L	20	21.5	107	70-130	
1,1-Dichloroethene	ug/L	20	22.4	112	70-130	
1,2,3-Trichlorobenzene	ug/L	20	18.1	91	70-130	
1,2,4-Trichlorobenzene	ug/L	20	17.8	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	18.4	92	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.7	99	70-130	
1,2-Dichlorobenzene	ug/L	20	19.8	99	70-130	
1,2-Dichloroethane	ug/L	20	21.5	107	70-130	
1,2-Dichloropropane	ug/L	20	20.8	104	70-130	
1,3-Dichlorobenzene	ug/L	20	20.2	101	70-130	
1,4-Dichlorobenzene	ug/L	20	19.6	98	70-130	
1,4-Dioxane (p-Dioxane)	ug/L	400	388	97	70-130	
2-Butanone (MEK)	ug/L	40	37.0	92	70-130	
2-Hexanone	ug/L	40	40.0	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	37.8	95	70-130	
Acetone	ug/L	40	38.2	95	70-130	
Benzene	ug/L	20	20.7	104	70-130	
Bromochloromethane	ug/L	20	20.9	104	70-130	
Bromodichloromethane	ug/L	20	19.8	99	70-130	
Bromoform	ug/L	20	18.2	91	70-130	

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

LABORATORY CONTROL SAMPLE: 4307191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	19.5	97	70-130	v3
Carbon disulfide	ug/L	20	23.5	118	70-130	
Carbon tetrachloride	ug/L	20	20.7	103	70-130	
Chlorobenzene	ug/L	20	20.3	101	70-130	
Chloroethane	ug/L	20	21.5	107	70-130	
Chloroform	ug/L	20	20.4	102	70-130	
Chloromethane	ug/L	20	24.2	121	70-130	
cis-1,2-Dichloroethene	ug/L	20	21.0	105	70-130	
cis-1,3-Dichloropropene	ug/L	20	19.6	98	70-130	
Cyclohexane	ug/L	20	23.2	116	70-130	
Dibromochloromethane	ug/L	20	19.3	96	70-130	
Dichlorodifluoromethane	ug/L	20	21.3	106	70-130	
Ethylbenzene	ug/L	20	20.8	104	70-130	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	70-130	
m&p-Xylene	ug/L	40	41.8	105	70-130	
Methyl acetate	ug/L	20	20.1	100	70-130	
Methyl-tert-butyl ether	ug/L	20	19.6	98	70-130	
Methylcyclohexane	ug/L	20	24.4	122	70-130	
Methylene Chloride	ug/L	20	21.1	105	70-130	
o-Xylene	ug/L	20	20.3	102	70-130	
Styrene	ug/L	20	20.4	102	70-130	
Tetrachloroethene	ug/L	20	19.3	96	70-130	
Toluene	ug/L	20	20.6	103	70-130	
trans-1,2-Dichloroethene	ug/L	20	22.1	111	70-130	
trans-1,3-Dichloropropene	ug/L	20	20.2	101	70-130	
Trichloroethene	ug/L	20	20.1	100	70-130	
Trichlorofluoromethane	ug/L	20	23.4	117	70-130	
Vinyl chloride	ug/L	20	25.1	125	70-130	
Xylene (Total)	ug/L	60	62.1	104	70-130	
1,2-Dichloroethane-d4 (S)	%			105	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 4307192

Parameter	Units	92713906011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	20	26.2	131	82-143	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	24.3	121	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	24.2	121	70-135	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	31.5	157	83-144	M1
1,1-Dichloroethane	ug/L	ND	20	26.5	133	70-139	
1,1-Dichloroethene	ug/L	ND	20	27.7	138	70-154	
1,2,3-Trichlorobenzene	ug/L	ND	20	21.2	106	70-135	
1,2,4-Trichlorobenzene	ug/L	ND	20	22.4	112	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	22.4	112	65-134	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

MATRIX SPIKE SAMPLE: 4307192		92713906011	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	20	24.4	122	70-137	
1,2-Dichlorobenzene	ug/L	ND	20	24.5	122	70-133	
1,2-Dichloroethane	ug/L	ND	20	26.6	133	70-137	
1,2-Dichloropropane	ug/L	ND	20	25.7	129	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	24.2	121	70-135	
1,4-Dichlorobenzene	ug/L	ND	20	24.4	122	70-133	
1,4-Dioxane (p-Dioxane)	ug/L	ND	400	553	138	53-168	
2-Butanone (MEK)	ug/L	ND	40	48.0	120	60-139	
2-Hexanone	ug/L	ND	40	47.6	119	65-138	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	45.4	113	65-135	
Acetone	ug/L	ND	40	47.9	113	60-148	
Benzene	ug/L	ND	20	25.8	129	70-151	
Bromochloromethane	ug/L	ND	20	25.5	128	70-141	
Bromodichloromethane	ug/L	ND	20	24.4	122	70-138	
Bromoform	ug/L	ND	20	22.6	113	63-130	
Bromomethane	ug/L	ND	20	33.9	169	15-152	M1
Carbon disulfide	ug/L	ND	20	28.7	144	69-149	
Carbon tetrachloride	ug/L	ND	20	25.9	130	70-143	
Chlorobenzene	ug/L	ND	20	25.3	126	70-138	
Chloroethane	ug/L	ND	20	29.4	147	52-163	
Chloroform	ug/L	ND	20	25.7	128	70-139	
Chloromethane	ug/L	ND	20	28.8	144	41-139	M1
cis-1,2-Dichloroethene	ug/L	ND	20	25.7	128	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	24.7	124	70-137	
Cyclohexane	ug/L	ND	20	28.3	141	70-151	
Dibromochloromethane	ug/L	ND	20	24.0	120	70-134	
Dichlorodifluoromethane	ug/L	ND	20	26.6	133	47-155	
Ethylbenzene	ug/L	ND	20	25.3	126	66-153	
Isopropylbenzene (Cumene)	ug/L	ND	20	25.0	125	70-139	
m&p-Xylene	ug/L	ND	40	50.9	127	69-152	
Methyl acetate	ug/L	ND	20	21.4	107	68-139	
Methyl-tert-butyl ether	ug/L	ND	20	23.9	120	54-156	
Methylcyclohexane	ug/L	ND	20	30.0	150	81-151	
Methylene Chloride	ug/L	ND	20	25.4	126	42-159	
o-Xylene	ug/L	ND	20	24.8	124	70-148	
Styrene	ug/L	ND	20	24.9	124	70-135	
Tetrachloroethene	ug/L	ND	20	22.7	114	59-143	
Toluene	ug/L	ND	20	25.4	127	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	26.5	132	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	25.4	127	70-135	
Trichloroethene	ug/L	ND	20	25.7	129	70-147	
Trichlorofluoromethane	ug/L	ND	20	31.0	155	70-148	M1
Vinyl chloride	ug/L	ND	20	31.2	156	70-156	
Xylene (Total)	ug/L	ND	60	75.8	126	63-158	
1,2-Dichloroethane-d4 (S)	%				103	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				101	70-130	

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

SAMPLE DUPLICATE: 4307193

Parameter	Units	92714037002 Result	Dup Result	RPD	Qualifiers
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		
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	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		
1,4-Dichlorobenzene	ug/L	ND	ND		
1,4-Dioxane (p-Dioxane)	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	42.2	41.8	1	
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		v2
Carbon disulfide	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Cyclohexane	ug/L	71.5	69.9	2	
Dibromochloromethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Ethylbenzene	ug/L	1640	1630	0	
Isopropylbenzene (Cumene)	ug/L	111	114	3	
m&p-Xylene	ug/L	6910	6960	1	
Methyl acetate	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylcyclohexane	ug/L	ND	60.9J		
Methylene Chloride	ug/L	ND	ND		
o-Xylene	ug/L	2680	2700	1	
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	1260	1280	1	

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

SAMPLE DUPLICATE: 4307193

Parameter	Units	92714037002 Result	Dup Result	RPD	Qualifiers
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 chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	9590	9660	1	
1,2-Dichloroethane-d4 (S)	%	110	108		
4-Bromofluorobenzene (S)	%	102	101		
Toluene-d8 (S)	%	102	102		

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

QC Batch: 833916

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260 MSV Low Level SC

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007

METHOD BLANK: 4308845

Matrix: Water

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	02/22/24 15:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/22/24 15:12	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/22/24 15:12	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	1.0	02/22/24 15:12	v1
1,1-Dichloroethane	ug/L	ND	1.0	02/22/24 15:12	
1,1-Dichloroethene	ug/L	ND	1.0	02/22/24 15:12	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	02/22/24 15:12	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/22/24 15:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	02/22/24 15:12	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/22/24 15:12	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/22/24 15:12	
1,2-Dichloroethane	ug/L	ND	1.0	02/22/24 15:12	
1,2-Dichloropropane	ug/L	ND	1.0	02/22/24 15:12	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/22/24 15:12	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/22/24 15:12	
1,4-Dioxane (p-Dioxane)	ug/L	ND	150	02/22/24 15:12	
2-Butanone (MEK)	ug/L	ND	5.0	02/22/24 15:12	
2-Hexanone	ug/L	ND	5.0	02/22/24 15:12	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	02/22/24 15:12	
Acetone	ug/L	ND	25.0	02/22/24 15:12	
Benzene	ug/L	ND	1.0	02/22/24 15:12	
Bromochloromethane	ug/L	ND	1.0	02/22/24 15:12	
Bromodichloromethane	ug/L	ND	1.0	02/22/24 15:12	
Bromoform	ug/L	ND	1.0	02/22/24 15:12	
Bromomethane	ug/L	ND	2.0	02/22/24 15:12	
Carbon disulfide	ug/L	ND	2.0	02/22/24 15:12	
Carbon tetrachloride	ug/L	ND	1.0	02/22/24 15:12	
Chlorobenzene	ug/L	ND	1.0	02/22/24 15:12	
Chloroethane	ug/L	ND	1.0	02/22/24 15:12	v1
Chloroform	ug/L	ND	1.0	02/22/24 15:12	
Chloromethane	ug/L	ND	1.0	02/22/24 15:12	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/22/24 15:12	
cis-1,3-Dichloropropene	ug/L	ND	1.0	02/22/24 15:12	
Cyclohexane	ug/L	ND	1.0	02/22/24 15:12	
Dibromochloromethane	ug/L	ND	1.0	02/22/24 15:12	
Dichlorodifluoromethane	ug/L	ND	1.0	02/22/24 15:12	
Ethylbenzene	ug/L	ND	1.0	02/22/24 15:12	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	02/22/24 15:12	
m&p-Xylene	ug/L	ND	2.0	02/22/24 15:12	
Methyl acetate	ug/L	ND	10.0	02/22/24 15:12	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

METHOD BLANK: 4308845

Matrix: Water

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methyl-tert-butyl ether	ug/L	ND	1.0	02/22/24 15:12	
Methylcyclohexane	ug/L	ND	10.0	02/22/24 15:12	v1
Methylene Chloride	ug/L	ND	5.0	02/22/24 15:12	
o-Xylene	ug/L	ND	1.0	02/22/24 15:12	
Styrene	ug/L	ND	1.0	02/22/24 15:12	
Tetrachloroethene	ug/L	ND	1.0	02/22/24 15:12	
Toluene	ug/L	ND	1.0	02/22/24 15:12	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/22/24 15:12	
trans-1,3-Dichloropropene	ug/L	ND	1.0	02/22/24 15:12	
Trichloroethene	ug/L	ND	1.0	02/22/24 15:12	
Trichlorofluoromethane	ug/L	ND	1.0	02/22/24 15:12	v1
Vinyl chloride	ug/L	ND	1.0	02/22/24 15:12	v1
Xylene (Total)	ug/L	ND	1.0	02/22/24 15:12	
1,2-Dichloroethane-d4 (S)	%	108	70-130	02/22/24 15:12	
4-Bromofluorobenzene (S)	%	99	70-130	02/22/24 15:12	
Toluene-d8 (S)	%	103	70-130	02/22/24 15:12	

LABORATORY CONTROL SAMPLE: 4308846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.6	103	70-130	
1,1,2,2-Tetrachloroethane	ug/L	20	20.0	100	70-130	
1,1,2-Trichloroethane	ug/L	20	19.8	99	70-130	
1,1,2-Trichlorotrifluoroethane	ug/L	20	25.3	127	70-130	v1
1,1-Dichloroethane	ug/L	20	21.2	106	70-130	
1,1-Dichloroethene	ug/L	20	21.7	109	70-130	
1,2,3-Trichlorobenzene	ug/L	20	18.3	92	70-130	
1,2,4-Trichlorobenzene	ug/L	20	18.7	94	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	20.4	102	70-130	
1,2-Dibromoethane (EDB)	ug/L	20	19.6	98	70-130	
1,2-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,2-Dichloroethane	ug/L	20	21.8	109	70-130	
1,2-Dichloropropane	ug/L	20	20.2	101	70-130	
1,3-Dichlorobenzene	ug/L	20	20.0	100	70-130	
1,4-Dichlorobenzene	ug/L	20	19.8	99	70-130	
1,4-Dioxane (p-Dioxane)	ug/L	400	398	99	70-130	
2-Butanone (MEK)	ug/L	40	39.9	100	70-130	
2-Hexanone	ug/L	40	40.6	102	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	40	39.2	98	70-130	
Acetone	ug/L	40	40.2	101	70-130	
Benzene	ug/L	20	20.3	101	70-130	
Bromochloromethane	ug/L	20	20.3	102	70-130	
Bromodichloromethane	ug/L	20	20.8	104	70-130	
Bromoform	ug/L	20	19.7	99	70-130	

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### QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

LABORATORY CONTROL SAMPLE: 4308846

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	20	18.5	93	70-130	
Carbon disulfide	ug/L	20	23.7	118	70-130	
Carbon tetrachloride	ug/L	20	21.0	105	70-130	
Chlorobenzene	ug/L	20	20.0	100	70-130	
Chloroethane	ug/L	20	24.5	122	70-130 v1	
Chloroform	ug/L	20	21.1	105	70-130	
Chloromethane	ug/L	20	23.6	118	70-130	
cis-1,2-Dichloroethene	ug/L	20	20.8	104	70-130	
cis-1,3-Dichloropropene	ug/L	20	20.5	102	70-130	
Cyclohexane	ug/L	20	22.8	114	70-130	
Dibromochloromethane	ug/L	20	20.1	101	70-130	
Dichlorodifluoromethane	ug/L	20	22.5	112	70-130	
Ethylbenzene	ug/L	20	20.1	100	70-130	
Isopropylbenzene (Cumene)	ug/L	20	19.7	98	70-130	
m&p-Xylene	ug/L	40	39.7	99	70-130	
Methyl acetate	ug/L	20	19.1	95	70-130	
Methyl-tert-butyl ether	ug/L	20	19.7	99	70-130	
Methylcyclohexane	ug/L	20	24.2	121	70-130 v1	
Methylene Chloride	ug/L	20	21.4	107	70-130	
o-Xylene	ug/L	20	19.3	96	70-130	
Styrene	ug/L	20	20.0	100	70-130	
Tetrachloroethene	ug/L	20	18.3	91	70-130	
Toluene	ug/L	20	20.2	101	70-130	
trans-1,2-Dichloroethene	ug/L	20	21.5	108	70-130	
trans-1,3-Dichloropropene	ug/L	20	21.6	108	70-130	
Trichloroethene	ug/L	20	20.2	101	70-130	
Trichlorofluoromethane	ug/L	20	25.0	125	70-130 v1	
Vinyl chloride	ug/L	20	25.2	126	70-130 v1	
Xylene (Total)	ug/L	60	59.0	98	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 4308847

Parameter	Units	92714034002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	20	29.6	148	82-143	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.7	113	70-136	
1,1,2-Trichloroethane	ug/L	ND	20	25.0	125	70-135	
1,1,2-Trichlorotrifluoroethane	ug/L	ND	20	29.9	150	83-144	M1
1,1-Dichloroethane	ug/L	ND	20	28.8	144	70-139	M1
1,1-Dichloroethene	ug/L	ND	20	30.6	153	70-154	
1,2,3-Trichlorobenzene	ug/L	ND	20	22.8	114	70-135	
1,2,4-Trichlorobenzene	ug/L	ND	20	21.2	106	73-140	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	22.4	112	65-134	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

MATRIX SPIKE SAMPLE: 4308847

Parameter	Units	92714034002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	20	23.7	118	70-137	
1,2-Dichlorobenzene	ug/L	ND	20	23.6	118	70-133	
1,2-Dichloroethane	ug/L	ND	20	30.8	154	70-137	M1
1,2-Dichloropropane	ug/L	ND	20	26.3	132	70-140	
1,3-Dichlorobenzene	ug/L	ND	20	22.9	115	70-135	
1,4-Dichlorobenzene	ug/L	ND	20	22.1	111	70-133	
1,4-Dioxane (p-Dioxane)	ug/L	ND	400	512	128	53-168	
2-Butanone (MEK)	ug/L	ND	40	59.2	148	60-139	M1
2-Hexanone	ug/L	ND	40	48.2	120	65-138	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	48.6	122	65-135	
Acetone	ug/L	ND	40	59.5	148	60-148	
Benzene	ug/L	ND	20	26.5	132	70-151	
Bromochloromethane	ug/L	ND	20	31.2	156	70-141	M1
Bromodichloromethane	ug/L	ND	20	26.4	132	70-138	
Bromoform	ug/L	ND	20	22.6	113	63-130	
Bromomethane	ug/L	ND	20	23.0	115	15-152	v3
Carbon disulfide	ug/L	ND	20	33.6	168	69-149	M1
Carbon tetrachloride	ug/L	ND	20	27.0	135	70-143	
Chlorobenzene	ug/L	ND	20	23.1	115	70-138	
Chloroethane	ug/L	ND	20	27.3	136	52-163	
Chloroform	ug/L	ND	20	29.9	149	70-139	M1
Chloromethane	ug/L	ND	20	32.6	163	41-139	M1
cis-1,2-Dichloroethene	ug/L	ND	20	28.2	141	70-141	
cis-1,3-Dichloropropene	ug/L	ND	20	25.2	126	70-137	
Cyclohexane	ug/L	ND	20	29.9	150	70-151	
Dibromochloromethane	ug/L	ND	20	23.5	118	70-134	
Dichlorodifluoromethane	ug/L	ND	20	26.8	134	47-155	
Ethylbenzene	ug/L	ND	20	23.9	119	66-153	
Isopropylbenzene (Cumene)	ug/L	ND	20	23.9	119	70-139	
m&p-Xylene	ug/L	ND	40	47.5	119	69-152	
Methyl acetate	ug/L	ND	20	21.5	108	68-139	
Methyl-tert-butyl ether	ug/L	ND	20	27.0	135	54-156	
Methylcyclohexane	ug/L	ND	20	27.5	137	81-151	
Methylene Chloride	ug/L	ND	20	29.0	144	42-159	
o-Xylene	ug/L	ND	20	22.5	113	70-148	
Styrene	ug/L	ND	20	22.5	113	70-135	
Tetrachloroethene	ug/L	ND	20	21.9	109	59-143	
Toluene	ug/L	ND	20	24.8	124	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	29.2	146	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	25.9	130	70-135	
Trichloroethene	ug/L	ND	20	27.2	136	70-147	
Trichlorofluoromethane	ug/L	ND	20	31.1	156	70-148	M1
Vinyl chloride	ug/L	ND	20	34.0	170	70-156	M1
Xylene (Total)	ug/L	ND	60	70.0	117	63-158	
1,2-Dichloroethane-d4 (S)	%				109	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

SAMPLE DUPLICATE: 4308848

Parameter	Units	92714034003 Result	Dup Result	RPD	Qualifiers
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		
1,1,2-Trichlorotrifluoroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	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		
1,4-Dichlorobenzene	ug/L	ND	ND		
1,4-Dioxane (p-Dioxane)	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	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 disulfide	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	1.1		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Cyclohexane	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Isopropylbenzene (Cumene)	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methyl acetate	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylcyclohexane	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		

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REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street  
 Pace Project No.: 92714034

SAMPLE DUPLICATE: 4308848

Parameter	Units	92714034003 Result	Dup Result	RPD	Qualifiers
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 chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	110	104		
4-Bromofluorobenzene (S)	%	98	101		
Toluene-d8 (S)	%	103	104		

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QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

QC Batch: 834121

Analysis Method: EPA 8270E

QC Batch Method: EPA 3510C

Analysis Description: 8270E Water APP9 RV MSSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007, 92714034008

METHOD BLANK: 4309955

Matrix: Water

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007, 92714034008

Table with 6 columns: Parameter, Units, Blank Result, Reporting Limit, Analyzed, Qualifiers. Lists various chemical compounds and their detection results.

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REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

METHOD BLANK: 4309955

Matrix: Water

Associated Lab Samples: 92714034001, 92714034002, 92714034003, 92714034004, 92714034005, 92714034006, 92714034007, 92714034008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/L	ND	10.0	02/23/24 12:55	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	02/23/24 12:55	
Butylbenzylphthalate	ug/L	ND	10.0	02/23/24 12:55	
Caprolactam	ug/L	ND	10.0	02/23/24 12:55	
Carbazole	ug/L	ND	10.0	02/23/24 12:55	
Chrysene	ug/L	ND	10.0	02/23/24 12:55	
Di-n-butylphthalate	ug/L	ND	10.0	02/23/24 12:55	
Di-n-octylphthalate	ug/L	ND	10.0	02/23/24 12:55	
Dibenz(a,h)anthracene	ug/L	ND	10.0	02/23/24 12:55	
Dibenzofuran	ug/L	ND	10.0	02/23/24 12:55	
Diethylphthalate	ug/L	ND	10.0	02/23/24 12:55	
Dimethylphthalate	ug/L	ND	10.0	02/23/24 12:55	
Fluoranthene	ug/L	ND	10.0	02/23/24 12:55	
Fluorene	ug/L	ND	10.0	02/23/24 12:55	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	02/23/24 12:55	
Hexachlorobenzene	ug/L	ND	10.0	02/23/24 12:55	
Hexachlorocyclopentadiene	ug/L	ND	10.0	02/23/24 12:55	
Hexachloroethane	ug/L	ND	10.0	02/23/24 12:55	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	02/23/24 12:55	
Isophorone	ug/L	ND	10.0	02/23/24 12:55	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	02/23/24 12:55	
N-Nitrosodiphenylamine	ug/L	ND	10.0	02/23/24 12:55	
Naphthalene	ug/L	ND	10.0	02/23/24 12:55	
Nitrobenzene	ug/L	ND	10.0	02/23/24 12:55	
Pentachlorophenol	ug/L	ND	20.0	02/23/24 12:55	
Phenanthrene	ug/L	ND	10.0	02/23/24 12:55	
Phenol	ug/L	ND	10.0	02/23/24 12:55	
Pyrene	ug/L	ND	10.0	02/23/24 12:55	
2,4,6-Tribromophenol (S)	%	117	10-166	02/23/24 12:55	
2-Fluorobiphenyl (S)	%	97	10-130	02/23/24 12:55	
2-Fluorophenol (S)	%	68	10-130	02/23/24 12:55	
Nitrobenzene-d5 (S)	%	104	10-133	02/23/24 12:55	
Phenol-d6 (S)	%	51	10-130	02/23/24 12:55	
Terphenyl-d14 (S)	%	125	10-193	02/23/24 12:55	

LABORATORY CONTROL SAMPLE: 4309956

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	46.2	92	18-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	40.8	82	23-130	
2,3,4,6-Tetrachlorophenol	ug/L	50	53.2	106	38-154	
2,4,5-Trichlorophenol	ug/L	50	49.5	99	36-150	
2,4,6-Trichlorophenol	ug/L	50	49.2	98	30-151	

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**REPORT OF LABORATORY ANALYSIS**

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

LABORATORY CONTROL SAMPLE: 4309956

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dichlorophenol	ug/L	50	42.5	85	36-140	
2,4-Dimethylphenol	ug/L	50	45.4	91	36-155	
2,4-Dinitrophenol	ug/L	250	293	117	10-169	
2,4-Dinitrotoluene	ug/L	50	53.6	107	46-160	
2,6-Dinitrotoluene	ug/L	50	51.8	104	47-161	
2-Chloronaphthalene	ug/L	50	41.2	82	29-134	
2-Chlorophenol	ug/L	50	41.9	84	29-130	
2-Methylnaphthalene	ug/L	50	41.7	83	26-130	
2-Methylphenol(o-Cresol)	ug/L	50	37.9	76	32-130	
2-Nitroaniline	ug/L	100	99.4	99	41-150	
2-Nitrophenol	ug/L	50	50.7	101	31-145 v1	
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.2	72	29-130	
3,3'-Dichlorobenzidine	ug/L	100	122	122	46-153	
3-Nitroaniline	ug/L	100	104	104	47-156	
4,6-Dinitro-2-methylphenol	ug/L	100	121	121	23-161	
4-Bromophenylphenyl ether	ug/L	50	49.5	99	45-143	
4-Chloro-3-methylphenol	ug/L	100	86.9	87	42-143	
4-Chloroaniline	ug/L	100	84.2	84	37-135	
4-Chlorophenylphenyl ether	ug/L	50	46.2	92	43-140	
4-Nitroaniline	ug/L	100	117	117	47-157	
4-Nitrophenol	ug/L	250	185	74	10-130	
Acenaphthene	ug/L	50	43.6	87	38-138	
Acenaphthylene	ug/L	50	44.0	88	39-139	
Acetophenone	ug/L	50	42.7	85	34-135	
Anthracene	ug/L	50	50.2	100	45-136	
Atrazine	ug/L	50	31.6	63	23-145	
Benzaldehyde	ug/L	50	41.0	82	11-140	
Benzo(a)anthracene	ug/L	50	58.2	116	52-151	
Benzo(a)pyrene	ug/L	50	59.5	119	46-165	
Benzo(b)fluoranthene	ug/L	50	66.0	132	44-170	
Benzo(g,h,i)perylene	ug/L	50	58.8	118	39-171	
Benzo(k)fluoranthene	ug/L	50	60.6	121	43-168	
Biphenyl (Diphenyl)	ug/L	50	42.9	86	34-130	
bis(2-Chloroethoxy)methane	ug/L	50	44.1	88	37-140	
bis(2-Chloroethyl) ether	ug/L	50	42.6	85	33-136	
bis(2-Ethylhexyl)phthalate	ug/L	50	63.6	127	50-169	
Butylbenzylphthalate	ug/L	50	67.5	135	50-174	
Caprolactam	ug/L	50	23.4	47	10-130	
Carbazole	ug/L	50	54.8	110	52-151	
Chrysene	ug/L	50	58.3	117	52-148	
Di-n-butylphthalate	ug/L	50	54.9	110	51-154	
Di-n-octylphthalate	ug/L	50	63.2	126	44-170	
Dibenz(a,h)anthracene	ug/L	50	59.4	119	41-171	
Dibenzofuran	ug/L	50	41.7	83	42-157	
Diethylphthalate	ug/L	50	51.6	103	50-149	
Dimethylphthalate	ug/L	50	47.1	94	47-146	
Fluoranthene	ug/L	50	52.7	105	51-152	

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## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: 1327 Caldwell Street

Pace Project No.: 92714034

LABORATORY CONTROL SAMPLE: 4309956

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/L	50	46.3	93	46-143	
Hexachloro-1,3-butadiene	ug/L	50	34.4	69	10-130	
Hexachlorobenzene	ug/L	50	49.4	99	40-139	
Hexachlorocyclopentadiene	ug/L	50	41.8	84	10-130	
Hexachloroethane	ug/L	50	30.0	60	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	57.1	114	40-172	
Isophorone	ug/L	50	42.8	86	37-143	
N-Nitroso-di-n-propylamine	ug/L	50	44.2	88	38-145	
N-Nitrosodiphenylamine	ug/L	50	49.6	99	46-144	
Naphthalene	ug/L	50	40.3	81	21-130	
Nitrobenzene	ug/L	50	42.1	84	33-136	
Pentachlorophenol	ug/L	100	114	114	19-156	
Phenanthrene	ug/L	50	51.1	102	49-143	
Phenol	ug/L	50	26.6	53	18-130	
Pyrene	ug/L	50	61.4	123	48-156	
2,4,6-Tribromophenol (S)	%			116	10-166	
2-Fluorobiphenyl (S)	%			85	10-130	
2-Fluorophenol (S)	%			64	10-130	
Nitrobenzene-d5 (S)	%			88	10-133	
Phenol-d6 (S)	%			50	10-130	
Terphenyl-d14 (S)	%			118	10-193	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4309957 4309958

Parameter	92713937016		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
1,2,4,5-Tetrachlorobenzene	ug/L	ND	83.3	83.3	74.0	71.8	89	86	10-136	3	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	83.3	83.3	86.2	72.7	103	87	10-132	17	
2,3,4,6-Tetrachlorophenol	ug/L	ND	83.3	83.3	101	92.7	122	111	10-185	9 v1	
2,4,5-Trichlorophenol	ug/L	ND	83.3	83.3	96.6	85.7	116	103	10-174	12	
2,4,6-Trichlorophenol	ug/L	ND	83.3	83.3	91.5	82.6	110	99	10-173	10	
2,4-Dichlorophenol	ug/L	ND	83.3	83.3	83.8	72.6	101	87	10-153	14	
2,4-Dimethylphenol	ug/L	ND	83.3	83.3	92.8	76.7	111	92	12-157	19	
2,4-Dinitrophenol	ug/L	ND	417	417	551	528	132	127	10-165	4 v1	
2,4-Dinitrotoluene	ug/L	ND	83.3	83.3	102	93.9	123	113	29-168	9	
2,6-Dinitrotoluene	ug/L	ND	83.3	83.3	99.6	89.7	120	108	28-168	10	
2-Chloronaphthalene	ug/L	ND	83.3	83.3	76.0	68.2	91	82	11-136	11	
2-Chlorophenol	ug/L	ND	83.3	83.3	83.5	73.5	100	88	10-134	13	
2-Methylnaphthalene	ug/L	ND	83.3	83.3	81.8	71.9	98	86	10-131	13	
2-Methylphenol(o-Cresol)	ug/L	ND	83.3	83.3	80.9	68.6	97	82	10-130	16	
2-Nitroaniline	ug/L	ND	167	167	177	154	106	92	19-156	14	
2-Nitrophenol	ug/L	ND	83.3	83.3	96.7	87.1	116	104	10-160	10 v1	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	83.3	83.3	80.2	66.6	96	80	10-132	19	
3,3'-Dichlorobenzidine	ug/L	ND	167	167	203	180	122	108	10-173	12	

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## QUALITY CONTROL DATA

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Parameter	92713937016		MS	MSD	4309957		MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec				
3-Nitroaniline	ug/L	ND	167	167	201	177	121	106	19-169	13		
4,6-Dinitro-2-methylphenol	ug/L	ND	167	167	223	212	134	127	10-178	5 v1		
4-Bromophenylphenyl ether	ug/L	ND	83.3	83.3	90.1	82.5	108	99	28-149	9		
4-Chloro-3-methylphenol	ug/L	ND	167	167	187	160	112	96	18-148	16		
4-Chloroaniline	ug/L	ND	167	167	161	116	97	70	10-141	33 R1		
4-Chlorophenylphenyl ether	ug/L	ND	83.3	83.3	91.6	80.0	110	96	24-144	14		
4-Nitroaniline	ug/L	ND	167	167	211	191	126	115	18-170	10		
4-Nitrophenol	ug/L	ND	417	417	341	329	82	79	10-130	4		
Acenaphthene	ug/L	ND	83.3	83.3	85.0	74.6	102	89	18-142	13		
Acenaphthylene	ug/L	ND	83.3	83.3	84.6	75.1	102	90	18-143	12		
Acetophenone	ug/L	ND	83.3	83.3	92.3	77.9	111	93	10-142	17		
Anthracene	ug/L	ND	83.3	83.3	92.5	84.4	111	101	32-138	9		
Atrazine	ug/L	ND	83.3	83.3	56.9	54.6	68	66	11-165	4		
Benzaldehyde	ug/L	ND	83.3	83.3	83.1	68.7	100	82	10-130	19		
Benzo(a)anthracene	ug/L	ND	83.3	83.3	101	94.5	121	113	41-155	6		
Benzo(a)pyrene	ug/L	ND	83.3	83.3	105	98.3	125	118	10-167	6		
Benzo(b)fluoranthene	ug/L	ND	83.3	83.3	116	111	139	133	31-172	4		
Benzo(g,h,i)perylene	ug/L	ND	83.3	83.3	101	93.1	122	112	26-177	8		
Benzo(k)fluoranthene	ug/L	ND	83.3	83.3	110	102	132	123	31-168	7		
Biphenyl (Diphenyl)	ug/L	ND	83.3	83.3	78.4	70.3	94	84	13-137	11		
bis(2-Chloroethoxy)methane	ug/L	ND	83.3	83.3	88.9	76.6	107	92	12-143	15		
bis(2-Chloroethyl) ether	ug/L	ND	83.3	83.3	86.7	73.7	104	88	10-139	16		
bis(2-Ethylhexyl)phthalate	ug/L	ND	83.3	83.3	120	111	144	133	41-173	8 v1		
Butylbenzylphthalate	ug/L	ND	83.3	83.3	120	111	144	133	38-182	9 v1		
Caprolactam	ug/L	ND	83.3	83.3	49.9	39.7	60	48	10-130	23 v1		
Carbazole	ug/L	ND	83.3	83.3	97.8	90.9	117	109	51-149	7		
Chrysene	ug/L	ND	83.3	83.3	103	95.4	123	114	41-152	7		
Di-n-butylphthalate	ug/L	ND	83.3	83.3	105	96.8	126	116	37-162	8		
Di-n-octylphthalate	ug/L	ND	83.3	83.3	116	108	139	129	36-176	8 v1		
Dibenz(a,h)anthracene	ug/L	ND	83.3	83.3	102	94.1	123	113	29-175	8		
Dibenzofuran	ug/L	ND	83.3	83.3	81.2	71.4	97	86	23-144	13		
Diethylphthalate	ug/L	ND	83.3	83.3	102	91.6	122	110	33-154	11		
Dimethylphthalate	ug/L	ND	83.3	83.3	94.2	83.9	113	101	29-150	12		
Fluoranthene	ug/L	ND	83.3	83.3	94.5	88.9	113	107	40-156	6		
Fluorene	ug/L	ND	83.3	83.3	93.1	81.1	112	97	26-148	14		
Hexachloro-1,3-butadiene	ug/L	ND	83.3	83.3	54.2	51.0	65	61	10-130	6		
Hexachlorobenzene	ug/L	ND	83.3	83.3	89.2	81.5	107	98	27-145	9		
Hexachlorocyclopentadiene	ug/L	ND	83.3	83.3	62.3	58.5	75	70	10-130	6		
Hexachloroethane	ug/L	ND	83.3	83.3	48.1	43.0	58	52	10-130	11		
Indeno(1,2,3-cd)pyrene	ug/L	ND	83.3	83.3	98.3	91.0	118	109	28-176	8		
Isophorone	ug/L	ND	83.3	83.3	88.7	76.7	106	92	14-145	14		
N-Nitroso-di-n-propylamine	ug/L	ND	83.3	83.3	99.0	82.3	119	99	12-149	18		
N-Nitrosodiphenylamine	ug/L	ND	83.3	83.3	92.2	81.1	111	97	29-149	13		
Naphthalene	ug/L	ND	83.3	83.3	73.3	65.0	88	78	10-130	12		
Nitrobenzene	ug/L	ND	83.3	83.3	79.8	69.8	96	84	10-145	13		
Pentachlorophenol	ug/L	ND	167	167	206	195	124	117	10-178	6		

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: 1327 Caldwell Street

Pace Project No.: 92714034

Parameter	Units	4309957		4309958		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
		92713937016 Result	MS Spike Conc.	MSD Spike Conc.								
Phenanthrene	ug/L	ND	83.3	83.3	93.6	85.4	112	102	36-146	9		
Phenol	ug/L	ND	83.3	83.3	54.2	47.7	65	57	10-130	13		
Pyrene	ug/L	ND	83.3	83.3	102	95.2	123	114	42-156	7		
2,4,6-Tribromophenol (S)	%						125	116	10-166			
2-Fluorobiphenyl (S)	%						90	81	10-130			
2-Fluorophenol (S)	%						74	66	10-130			
Nitrobenzene-d5 (S)	%						96	86	10-133			
Phenol-d6 (S)	%						60	54	10-130			
Terphenyl-d14 (S)	%						118	112	10-193			

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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### QUALIFIERS

Project: 1327 Caldwell Street

Pace Project No.: 92714034

#### 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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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.

R1 RPD value was outside 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.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1327 Caldwell Street

Pace Project No.: 92714034

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92714034001	TW-2	3015	2230988	EPA 6010D	2230988
92714034002	TW-1	3015	2230988	EPA 6010D	2230988
92714034003	TW-3	3015	2230988	EPA 6010D	2230988
92714034004	TW-4	3015	2230988	EPA 6010D	2230988
92714034005	TW-6	3015	2230988	EPA 6010D	2230988
92714034006	TW-6 DUP	3015	2230988	EPA 6010D	2230988
92714034007	TW-5	3015	2230988	EPA 6010D	2230988
92714034008	EB	3015	2230988	EPA 6010D	2230988
92714034001	TW-2	7470A	2230248	EPA 7470A	2230248
92714034002	TW-1	7470A	2230248	EPA 7470A	2230248
92714034003	TW-3	7470A	2230248	EPA 7470A	2230248
92714034004	TW-4	7470A	2230248	EPA 7470A	2230248
92714034005	TW-6	7470A	2230248	EPA 7470A	2230248
92714034006	TW-6 DUP	7470A	2230248	EPA 7470A	2230248
92714034007	TW-5	7470A	2230248	EPA 7470A	2230248
92714034008	EB	7470A	2230248	EPA 7470A	2230248
92714034001	TW-2	EPA 3510C	834121	EPA 8270E	834308
92714034002	TW-1	EPA 3510C	834121	EPA 8270E	834308
92714034003	TW-3	EPA 3510C	834121	EPA 8270E	834308
92714034004	TW-4	EPA 3510C	834121	EPA 8270E	834308
92714034005	TW-6	EPA 3510C	834121	EPA 8270E	834308
92714034006	TW-6 DUP	EPA 3510C	834121	EPA 8270E	834308
92714034007	TW-5	EPA 3510C	834121	EPA 8270E	834308
92714034008	EB	EPA 3510C	834121	EPA 8270E	834308
92714034001	TW-2	EPA 8260D	833916		
92714034002	TW-1	EPA 8260D	833916		
92714034003	TW-3	EPA 8260D	833916		
92714034004	TW-4	EPA 8260D	833916		
92714034005	TW-6	EPA 8260D	833916		
92714034006	TW-6 DUP	EPA 8260D	833916		
92714034007	TW-5	EPA 8260D	833916		
92714034008	EB	EPA 8260D	833564		

### REPORT OF LABORATORY ANALYSIS

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DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville  Eden  Greenwood  Huntersville  Raleigh  Mechanicsville  Atlanta  Kernersville

Sample Condition Upon Receipt

Client Name:

Syn Terra

Project #:

WO#: 92714034



Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other:

Custody Seal Present?  Yes  No Seals Intact?  Yes  No  N/A

Date/Initials Person Examining Contents: Ydy 2/6/24

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Biological Tissue Frozen?

Yes  No  N/A

Thermometer:

IR Gun ID: 935082 Type of Ice:  Wet  Blue  None

Cooler Temp: 4.1 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.1

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



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

**WO# : 92714034**

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

Project #

PM: BV

Due Date: 03/04/24

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

CLIENT: 92-SYNTERRA

\*\*Bottom half of box is to list number of bottles

\*\*\*Check all unpreserved Nitrates for chlorine

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	/
2	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	/
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7	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	/
8	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	/
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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

**CHAIN-OF-CUSTODY Analytical Request Document**  
Chain-of-custody is a LEGAL DOCUMENT - Complete all relevant fields

**Pace**  
Pace Analytical Charlotte  
9800 Kinsey Ave. Suite 100, Huntersville, NC 28078

Company Name: **SynTerra**  
Street Address: **148 River St, Greenville, SC 29601**  
Customer Project #: **1327 Caldwell Street**  
Project Name: **1327 Caldwell Street**

Contact/Report To: **Evan Harro**  
Phone #: **(919) 376-7913**  
E-Mail: **eharro@synterracorp.com**  
Cc E-Mail: **eharro@synterracorp.com**  
Invoice To: **Evan Harro**  
Invoice E-Mail: **eharro@synterracorp.com**

Site Collection Info/Facility ID (as applicable):  
Purchase Order # (if applicable):  
Quote #: **00151051**  
Country / State origin of sample(s): **South Carolina**

Time Zone Collected:  AK  PT  MT  CT  ET  
Data Deliverables:  Level II  Level III  Level IV  
 EQUS  
 Other

Regulatory Program (DW, RCRA, etc.) as applicable:  
Rush (Pre-approval required):  2 Day  3 day  5 day  Other  
Date Results Requested:  
Field Filtered (if applicable):  Yes  No  
Analysis:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Biossary (B), Vapor (V), Other (OT), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Time	Composite End Date	Time	Res. C12	Number & Type of Containers Plastic	Glass	SVOCs 8270	TAL Metals 6010/7471	VOCs 8260
TW-2	GW	G	2/15/24	9:30				1	5	✓	✓	✓
TW-1	GW	G	2/15/24	10:15				1	5	✓	✓	✓
TW-3	GW	G	2/15/24	10:46				1	5	✓	✓	✓
TW-4	GW	G	2/15/24	11:14				1	5	✓	✓	✓
<del>TW-6</del> TW-6 Dup	GW	G	2-15-24	12:59				1	5	✓	✓	✓
TW-5	GW	G	2-15-24	12:14				1	5	✓	✓	✓
CB	GW	G	2-15-24	14:57				1	5	✓	✓	✓

Customer Remarks / Special Conditions / Possible Hazards:  
TAL Metals 6010/7471: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn  
Q# = 00151051

Collected By: **EVAN HARRO**  
Printed Name: **EVAN HARRO**  
Signature: *[Signature]*

Received by/Company (Signature): **Secure Area**  
Date/Time: **2/15/24 1750**

Received by/Company (Signature): **Secure Area**  
Date/Time: **2/16/24 1600**

Received by/Company (Signature): **Secure Area**  
Date/Time: **2/16/24 1600**

Received by/Company (Signature): **Secure Area**  
Date/Time: **2/16/24 1600**

Additional Instructions from Pace\*:  
# Cables: **2** Thermometer ID: **937002** Correction Factor (°C): **0** Dry Temp (°C): **9.1** Corrected Temp (°C): **9.1**

Tracking Number:  
Delivered by:  In-Person  Courier  
 FedEx  UPS  Other

Page: **1** of **2**



Scan QR Code for Instructions

Specify Container Size \*\*  
125mL, (5) 100mL, (6) 40mL, (7) Encore, (8) Teracore, (9) Other  
Identify Container Preservation Type \*\*\*  
Analysis Requested

\*\*Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL, (7) Encore, (8) Teracore, (9) Other  
\*\*\*Preservation Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sed. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Profil. Mgr: **Bonnie Vang**  
Account / Client ID:  
Table #: **17082**  
Profile / Template: **EZ 3036509**  
Prelim / Bottle Ord. ID:

Lab Use Only  
Sample Comment: **42214034**  
Preservation non-conformance identified for sample.



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

## SAMPLE ACKNOWLEDGMENT

**Samples Submitted By:** SynTerra  
**Client Project ID:** 1327 Caldwell Street  
**Client PO#:**

**Pace Project Manager:** Bonnie Vang  
 Phone 704-977-0968  
 bonnie.vang@pacelabs.com  
**Pace Analytical Project ID:** 92714034  
**Samples Received:** February 16, 2024 04:00 PM  
**Estimated Completion:** March 04, 2024

**CC:** Evan Hamo

**Comments:** [1] Some analyses will be performed by different laboratories within the Pace Network.

Customer Sample ID	Pace Analytical Lab ID	Matrix	Date/Time Collected	Method
TW-2	92714034001	Water	02/15/24 09:30	8260 MS Volatiles 8270E APP9 RV Environmental Impact Fee + Disposal Sample Disposal TAL Metals 6010/7470*
TW-1	92714034002	Water	02/15/24 10:13	8260 MS Volatiles 8270E APP9 RV Sample Disposal TAL Metals 6010/7470*
TW-3	92714034003	Water	02/15/24 10:46	8260 MS Volatiles 8270E APP9 RV Sample Disposal TAL Metals 6010/7470*
TW-4	92714034004	Water	02/15/24 11:19	8260 MS Volatiles 8270E APP9 RV Sample Disposal TAL Metals 6010/7470*
TW-6	92714034005	Water	02/15/24 12:09	8260 MS Volatiles 8270E APP9 RV Sample Disposal TAL Metals 6010/7470*
TW-6 DUP	92714034006	Water	02/15/24 12:18	8260 MS Volatiles 8270E APP9 RV Sample Disposal TAL Metals 6010/7470*
TW-5	92714034007	Water	02/15/24 13:14	8260 MS Volatiles 8270E APP9 RV Sample Disposal TAL Metals 6010/7470*
EB	92714034008	Water	02/15/24 14:57	8260 MS Volatiles 8270E APP9 RV Sample Disposal TAL Metals 6010/7470*

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Confidentiality Statement: The Parties agree that they will take all reasonable precautions to prevent the unauthorized disclosure of any proprietary or confidential information of each other and that they will not disclose such information except to those employees, subcontractors, or agents who have expressly agreed to maintain confidentiality.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
TW-2	8260 MSV Low Level SC	Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
		Bromomethane	2	ug/L
		2-Butanone (MEK)	5	ug/L
		Carbon disulfide	2	ug/L
		Carbon tetrachloride	1	ug/L
		Chlorobenzene	1	ug/L
		Chloroethane	1	ug/L
		Chloroform	1	ug/L
		Chloromethane	1	ug/L
		1,2-Dibromo-3-chloropropane	2	ug/L
		Dibromochloromethane	1	ug/L
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
		1,3-Dichlorobenzene	1	ug/L
		1,4-Dichlorobenzene	1	ug/L
		Dichlorodifluoromethane	1	ug/L
		1,1-Dichloroethane	1	ug/L
		1,2-Dichloroethane	1	ug/L
		1,1-Dichloroethene	1	ug/L
		cis-1,2-Dichloroethene	1	ug/L
		trans-1,2-Dichloroethene	1	ug/L
		1,2-Dichloropropane	1	ug/L
		cis-1,3-Dichloropropene	1	ug/L
		trans-1,3-Dichloropropene	1	ug/L
		Ethylbenzene	1	ug/L
		2-Hexanone	5	ug/L
		Isopropylbenzene (Cumene)	1	ug/L
		Methylene Chloride	5	ug/L
		4-Methyl-2-pentanone (MIBK)	5	ug/L
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
		1,1,2,2-Tetrachloroethane	1	ug/L
		Tetrachloroethene	1	ug/L
		Toluene	1	ug/L
		1,2,3-Trichlorobenzene	1	ug/L
		1,2,4-Trichlorobenzene	1	ug/L
		1,1,1-Trichloroethane	1	ug/L
		1,1,2-Trichloroethane	1	ug/L
Trichloroethene	1	ug/L		
Trichlorofluoromethane	1	ug/L		
Vinyl chloride	1	ug/L		
Xylene (Total)	1	ug/L		
m&p-Xylene	2	ug/L		
o-Xylene	1	ug/L		
1,1,2-Trichlorotrifluoroethane	1	ug/L		
1,4-Dioxane (p-Dioxane)	150	ug/L		
Methyl acetate	10	ug/L		

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Methylcyclohexane	10	ug/L
		Cyclohexane	1	ug/L
	8270E APP9 RV	Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L
		Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L
		Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
TW-1	8260 MSV Low Level SC	Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L
		2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L
		2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L
		Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
		Bromomethane	2	ug/L
		2-Butanone (MEK)	5	ug/L
		Carbon disulfide	2	ug/L
		Carbon tetrachloride	1	ug/L
		Chlorobenzene	1	ug/L
		Chloroethane	1	ug/L
		Chloroform	1	ug/L
		Chloromethane	1	ug/L
		1,2-Dibromo-3-chloropropane	2	ug/L
		Dibromochloromethane	1	ug/L
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
		1,3-Dichlorobenzene	1	ug/L
		1,4-Dichlorobenzene	1	ug/L
		Dichlorodifluoromethane	1	ug/L
		1,1-Dichloroethane	1	ug/L
		1,2-Dichloroethane	1	ug/L
		1,1-Dichloroethene	1	ug/L
cis-1,2-Dichloroethene	1	ug/L		
trans-1,2-Dichloroethene	1	ug/L		
1,2-Dichloropropane	1	ug/L		
cis-1,3-Dichloropropene	1	ug/L		
trans-1,3-Dichloropropene	1	ug/L		
Ethylbenzene	1	ug/L		
2-Hexanone	5	ug/L		
Isopropylbenzene (Cumene)	1	ug/L		
Methylene Chloride	5	ug/L		
4-Methyl-2-pentanone (MIBK)	5	ug/L		

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
		1,1,2,2-Tetrachloroethane	1	ug/L
		Tetrachloroethene	1	ug/L
		Toluene	1	ug/L
		1,2,3-Trichlorobenzene	1	ug/L
		1,2,4-Trichlorobenzene	1	ug/L
		1,1,1-Trichloroethane	1	ug/L
		1,1,2-Trichloroethane	1	ug/L
		Trichloroethene	1	ug/L
		Trichlorofluoromethane	1	ug/L
		Vinyl chloride	1	ug/L
		Xylene (Total)	1	ug/L
		m&p-Xylene	2	ug/L
		o-Xylene	1	ug/L
		1,1,2-Trichlorotrifluoroethane	1	ug/L
		1,4-Dioxane (p-Dioxane)	150	ug/L
		Methyl acetate	10	ug/L
		Methylcyclohexane	10	ug/L
	8270E APP9 RV	Cyclohexane	1	ug/L
		Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
TW-3	8260 MSV Low Level SC	2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L
		Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L
		Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L
		Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L
		2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L
		2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L
		Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
Bromomethane	2	ug/L		
2-Butanone (MEK)	5	ug/L		
Carbon disulfide	2	ug/L		
Carbon tetrachloride	1	ug/L		
Chlorobenzene	1	ug/L		
Chloroethane	1	ug/L		
Chloroform	1	ug/L		
Chloromethane	1	ug/L		
1,2-Dibromo-3-chloropropane	2	ug/L		
Dibromochloromethane	1	ug/L		

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
		1,3-Dichlorobenzene	1	ug/L
		1,4-Dichlorobenzene	1	ug/L
		Dichlorodifluoromethane	1	ug/L
		1,1-Dichloroethane	1	ug/L
		1,2-Dichloroethane	1	ug/L
		1,1-Dichloroethene	1	ug/L
		cis-1,2-Dichloroethene	1	ug/L
		trans-1,2-Dichloroethene	1	ug/L
		1,2-Dichloropropane	1	ug/L
		cis-1,3-Dichloropropene	1	ug/L
		trans-1,3-Dichloropropene	1	ug/L
		Ethylbenzene	1	ug/L
		2-Hexanone	5	ug/L
		Isopropylbenzene (Cumene)	1	ug/L
		Methylene Chloride	5	ug/L
		4-Methyl-2-pentanone (MIBK)	5	ug/L
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
		1,1,1,2-Tetrachloroethane	1	ug/L
		Tetrachloroethene	1	ug/L
		Toluene	1	ug/L
		1,2,3-Trichlorobenzene	1	ug/L
		1,2,4-Trichlorobenzene	1	ug/L
		1,1,1-Trichloroethane	1	ug/L
		1,1,2-Trichloroethane	1	ug/L
		Trichloroethene	1	ug/L
		Trichlorofluoromethane	1	ug/L
		Vinyl chloride	1	ug/L
		Xylene (Total)	1	ug/L
		m&p-Xylene	2	ug/L
		o-Xylene	1	ug/L
		1,1,2-Trichlorotrifluoroethane	1	ug/L
		1,4-Dioxane (p-Dioxane)	150	ug/L
		Methyl acetate	10	ug/L
		Methylcyclohexane	10	ug/L
		Cyclohexane	1	ug/L
	8270E APP9 RV	Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L
		Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L
		Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L
		Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L
		2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
TW-4	8260 MSV Low Level SC	2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L
		Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
		Bromomethane	2	ug/L
		2-Butanone (MEK)	5	ug/L
		Carbon disulfide	2	ug/L
		Carbon tetrachloride	1	ug/L
		Chlorobenzene	1	ug/L
		Chloroethane	1	ug/L
		Chloroform	1	ug/L
		Chloromethane	1	ug/L
		1,2-Dibromo-3-chloropropane	2	ug/L
		Dibromochloromethane	1	ug/L
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
		1,3-Dichlorobenzene	1	ug/L
		1,4-Dichlorobenzene	1	ug/L
		Dichlorodifluoromethane	1	ug/L
		1,1-Dichloroethane	1	ug/L
		1,2-Dichloroethane	1	ug/L
		1,1-Dichloroethene	1	ug/L
		cis-1,2-Dichloroethene	1	ug/L
		trans-1,2-Dichloroethene	1	ug/L
		1,2-Dichloropropane	1	ug/L
		cis-1,3-Dichloropropene	1	ug/L
		trans-1,3-Dichloropropene	1	ug/L
		Ethylbenzene	1	ug/L
		2-Hexanone	5	ug/L
		Isopropylbenzene (Cumene)	1	ug/L
		Methylene Chloride	5	ug/L
		4-Methyl-2-pentanone (MIBK)	5	ug/L
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
		1,1,2,2-Tetrachloroethane	1	ug/L
		Tetrachloroethene	1	ug/L
		Toluene	1	ug/L
1,2,3-Trichlorobenzene	1	ug/L		
1,2,4-Trichlorobenzene	1	ug/L		
1,1,1-Trichloroethane	1	ug/L		
1,1,2-Trichloroethane	1	ug/L		
Trichloroethene	1	ug/L		
Trichlorofluoromethane	1	ug/L		
Vinyl chloride	1	ug/L		
Xylene (Total)	1	ug/L		
m&p-Xylene	2	ug/L		
o-Xylene	1	ug/L		

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		1,1,2-Trichlorotrifluoroethane	1	ug/L
		1,4-Dioxane (p-Dioxane)	150	ug/L
		Methyl acetate	10	ug/L
		Methylcyclohexane	10	ug/L
		Cyclohexane	1	ug/L
	8270E APP9 RV	Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L
		Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
TW-6	8260 MSV Low Level SC	Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L
		Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L
		2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L
		2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L
		Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
		Bromomethane	2	ug/L
		2-Butanone (MEK)	5	ug/L
		Carbon disulfide	2	ug/L
		Carbon tetrachloride	1	ug/L
		Chlorobenzene	1	ug/L
		Chloroethane	1	ug/L
		Chloroform	1	ug/L
		Chloromethane	1	ug/L
		1,2-Dibromo-3-chloropropane	2	ug/L
		Dibromochloromethane	1	ug/L
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
		1,3-Dichlorobenzene	1	ug/L
		1,4-Dichlorobenzene	1	ug/L
		Dichlorodifluoromethane	1	ug/L
1,1-Dichloroethane	1	ug/L		
1,2-Dichloroethane	1	ug/L		
1,1-Dichloroethene	1	ug/L		
cis-1,2-Dichloroethene	1	ug/L		
trans-1,2-Dichloroethene	1	ug/L		
1,2-Dichloropropane	1	ug/L		
cis-1,3-Dichloropropene	1	ug/L		
trans-1,3-Dichloropropene	1	ug/L		
Ethylbenzene	1	ug/L		
2-Hexanone	5	ug/L		

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Isopropylbenzene (Cumene)	1	ug/L
		Methylene Chloride	5	ug/L
		4-Methyl-2-pentanone (MIBK)	5	ug/L
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
		1,1,2,2-Tetrachloroethane	1	ug/L
		Tetrachloroethene	1	ug/L
		Toluene	1	ug/L
		1,2,3-Trichlorobenzene	1	ug/L
		1,2,4-Trichlorobenzene	1	ug/L
		1,1,1-Trichloroethane	1	ug/L
		1,1,2-Trichloroethane	1	ug/L
		Trichloroethene	1	ug/L
		Trichlorofluoromethane	1	ug/L
		Vinyl chloride	1	ug/L
		Xylene (Total)	1	ug/L
		m&p-Xylene	2	ug/L
		o-Xylene	1	ug/L
		1,1,2-Trichlorotrifluoroethane	1	ug/L
		1,4-Dioxane (p-Dioxane)	150	ug/L
		Methyl acetate	10	ug/L
		Methylcyclohexane	10	ug/L
	8270E APP9 RV	Cyclohexane	1	ug/L
		Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L
		Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L
		Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L
		Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L
		2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L
		2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L
TW-6 DUP	8260 MSV Low Level SC	Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
		Bromomethane	2	ug/L
		2-Butanone (MEK)	5	ug/L
		Carbon disulfide	2	ug/L
		Carbon tetrachloride	1	ug/L
		Chlorobenzene	1	ug/L
		Chloroethane	1	ug/L
		Chloroform	1	ug/L

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Chloromethane	1	ug/L
		1,2-Dibromo-3-chloropropane	2	ug/L
		Dibromochloromethane	1	ug/L
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
		1,3-Dichlorobenzene	1	ug/L
		1,4-Dichlorobenzene	1	ug/L
		Dichlorodifluoromethane	1	ug/L
		1,1-Dichloroethane	1	ug/L
		1,2-Dichloroethane	1	ug/L
		1,1-Dichloroethene	1	ug/L
		cis-1,2-Dichloroethene	1	ug/L
		trans-1,2-Dichloroethene	1	ug/L
		1,2-Dichloropropane	1	ug/L
		cis-1,3-Dichloropropene	1	ug/L
		trans-1,3-Dichloropropene	1	ug/L
		Ethylbenzene	1	ug/L
		2-Hexanone	5	ug/L
		Isopropylbenzene (Cumene)	1	ug/L
		Methylene Chloride	5	ug/L
		4-Methyl-2-pentanone (MIBK)	5	ug/L
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
		1,1,1,2-Tetrachloroethane	1	ug/L
		Tetrachloroethene	1	ug/L
		Toluene	1	ug/L
		1,2,3-Trichlorobenzene	1	ug/L
		1,2,4-Trichlorobenzene	1	ug/L
		1,1,1-Trichloroethane	1	ug/L
		1,1,2-Trichloroethane	1	ug/L
		Trichloroethene	1	ug/L
		Trichlorofluoromethane	1	ug/L
		Vinyl chloride	1	ug/L
		Xylene (Total)	1	ug/L
		m&p-Xylene	2	ug/L
		o-Xylene	1	ug/L
		1,1,2-Trichlorotrifluoroethane	1	ug/L
		1,4-Dioxane (p-Dioxane)	150	ug/L
		Methyl acetate	10	ug/L
		Methylcyclohexane	10	ug/L
		Cyclohexane	1	ug/L
	8270E APP9 RV	Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L
		Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L
		Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L
		Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L

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## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
TW-5	8260 MSV Low Level SC	2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L
		2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L
		Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
		Bromomethane	2	ug/L
		2-Butanone (MEK)	5	ug/L
		Carbon disulfide	2	ug/L
		Carbon tetrachloride	1	ug/L
		Chlorobenzene	1	ug/L
		Chloroethane	1	ug/L
		Chloroform	1	ug/L
		Chloromethane	1	ug/L
		1,2-Dibromo-3-chloropropane	2	ug/L
		Dibromochloromethane	1	ug/L
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
		1,3-Dichlorobenzene	1	ug/L
		1,4-Dichlorobenzene	1	ug/L
		Dichlorodifluoromethane	1	ug/L
		1,1-Dichloroethane	1	ug/L
		1,2-Dichloroethane	1	ug/L
		1,1-Dichloroethene	1	ug/L
		cis-1,2-Dichloroethene	1	ug/L
		trans-1,2-Dichloroethene	1	ug/L
		1,2-Dichloropropane	1	ug/L
		cis-1,3-Dichloropropene	1	ug/L
		trans-1,3-Dichloropropene	1	ug/L
		Ethylbenzene	1	ug/L
		2-Hexanone	5	ug/L
		Isopropylbenzene (Cumene)	1	ug/L
		Methylene Chloride	5	ug/L
		4-Methyl-2-pentanone (MIBK)	5	ug/L
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
1,1,2,2-Tetrachloroethane	1	ug/L		
Tetrachloroethene	1	ug/L		
Toluene	1	ug/L		
1,2,3-Trichlorobenzene	1	ug/L		
1,2,4-Trichlorobenzene	1	ug/L		
1,1,1-Trichloroethane	1	ug/L		
1,1,2-Trichloroethane	1	ug/L		
Trichloroethene	1	ug/L		
Trichlorofluoromethane	1	ug/L		
Vinyl chloride	1	ug/L		

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		Xylene (Total)	1	ug/L
		m&p-Xylene	2	ug/L
		o-Xylene	1	ug/L
		1,1,2-Trichlorotrifluoroethane	1	ug/L
		1,4-Dioxane (p-Dioxane)	150	ug/L
		Methyl acetate	10	ug/L
		Methylcyclohexane	10	ug/L
		Cyclohexane	1	ug/L
	8270E APP9 RV	Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
EB	8260 MSV Low Level SC	Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L
		Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L
		Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L
		2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L
		2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L
		Acetone	25	ug/L
		Benzene	1	ug/L
		Bromochloromethane	1	ug/L
		Bromodichloromethane	1	ug/L
		Bromoform	1	ug/L
		Bromomethane	2	ug/L
		2-Butanone (MEK)	5	ug/L
		Carbon disulfide	2	ug/L
		Carbon tetrachloride	1	ug/L
		Chlorobenzene	1	ug/L
		Chloroethane	1	ug/L
		Chloroform	1	ug/L
		Chloromethane	1	ug/L
		1,2-Dibromo-3-chloropropane	2	ug/L
		Dibromochloromethane	1	ug/L
		1,2-Dibromoethane (EDB)	1	ug/L
		1,2-Dichlorobenzene	1	ug/L
1,3-Dichlorobenzene	1	ug/L		
1,4-Dichlorobenzene	1	ug/L		
Dichlorodifluoromethane	1	ug/L		
1,1-Dichloroethane	1	ug/L		
1,2-Dichloroethane	1	ug/L		
1,1-Dichloroethene	1	ug/L		
cis-1,2-Dichloroethene	1	ug/L		
trans-1,2-Dichloroethene	1	ug/L		
1,2-Dichloropropane	1	ug/L		
cis-1,3-Dichloropropene	1	ug/L		

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Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		trans-1,3-Dichloropropene	1	ug/L
		Ethylbenzene	1	ug/L
		2-Hexanone	5	ug/L
		Isopropylbenzene (Cumene)	1	ug/L
		Methylene Chloride	5	ug/L
		4-Methyl-2-pentanone (MIBK)	5	ug/L
		Methyl-tert-butyl ether	1	ug/L
		Styrene	1	ug/L
		1,1,2,2-Tetrachloroethane	1	ug/L
		Tetrachloroethene	1	ug/L
		Toluene	1	ug/L
		1,2,3-Trichlorobenzene	1	ug/L
		1,2,4-Trichlorobenzene	1	ug/L
		1,1,1-Trichloroethane	1	ug/L
		1,1,2-Trichloroethane	1	ug/L
		Trichloroethene	1	ug/L
		Trichlorofluoromethane	1	ug/L
		Vinyl chloride	1	ug/L
		Xylene (Total)	1	ug/L
		m&p-Xylene	2	ug/L
		o-Xylene	1	ug/L
		1,1,2-Trichlorotrifluoroethane	1	ug/L
		1,4-Dioxane (p-Dioxane)	150	ug/L
		Methyl acetate	10	ug/L
		Methylcyclohexane	10	ug/L
		Cyclohexane	1	ug/L
	8270E APP9 RV	Phenol	10	ug/L
		bis(2-Chloroethyl) ether	10	ug/L
		2-Chlorophenol	10	ug/L
		2-Methylphenol(o-Cresol)	10	ug/L
		3&4-Methylphenol(m&p Cresol)	10	ug/L
		N-Nitroso-di-n-propylamine	10	ug/L
		Hexachloroethane	10	ug/L
		Nitrobenzene	10	ug/L
		Isophorone	10	ug/L
		2-Nitrophenol	10	ug/L
		2,4-Dimethylphenol	10	ug/L
		bis(2-Chloroethoxy)methane	10	ug/L
		2,4-Dichlorophenol	10	ug/L
		Naphthalene	10	ug/L
		4-Chloroaniline	20	ug/L
		Hexachloro-1,3-butadiene	10	ug/L
		4-Chloro-3-methylphenol	10	ug/L
		2-Methylnaphthalene	10	ug/L
		Hexachlorocyclopentadiene	10	ug/L
		2,4,6-Trichlorophenol	10	ug/L
		2,4,5-Trichlorophenol	10	ug/L
		2-Chloronaphthalene	10	ug/L
		2-Nitroaniline	20	ug/L
		Dimethylphthalate	10	ug/L
		Acenaphthylene	10	ug/L

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



## SAMPLE ACKNOWLEDGMENT

### Analyte List

Customer Sample ID	Method	Compound	Reporting	
			Limit	Units
		2,6-Dinitrotoluene	10	ug/L
		3-Nitroaniline	20	ug/L
		Acenaphthene	10	ug/L
		2,4-Dinitrophenol	50	ug/L
		4-Nitrophenol	50	ug/L
		Dibenzofuran	10	ug/L
		2,4-Dinitrotoluene	10	ug/L
		Diethylphthalate	10	ug/L
		4-Chlorophenylphenyl ether	10	ug/L
		Fluorene	10	ug/L
		4-Nitroaniline	20	ug/L
		4,6-Dinitro-2-methylphenol	20	ug/L
		N-Nitrosodiphenylamine	10	ug/L
		4-Bromophenylphenyl ether	10	ug/L
		Hexachlorobenzene	10	ug/L
		Pentachlorophenol	20	ug/L
		Phenanthrene	10	ug/L
		Anthracene	10	ug/L
		Di-n-butylphthalate	10	ug/L
		Fluoranthene	10	ug/L
		Pyrene	10	ug/L
		Butylbenzylphthalate	10	ug/L
		3,3'-Dichlorobenzidine	20	ug/L
		Benzo(a)anthracene	10	ug/L
		Chrysene	10	ug/L
		bis(2-Ethylhexyl)phthalate	6	ug/L
		Di-n-octylphthalate	10	ug/L
		Benzo(b)fluoranthene	10	ug/L
		Benzo(k)fluoranthene	10	ug/L
		Benzo(a)pyrene	10	ug/L
		Indeno(1,2,3-cd)pyrene	10	ug/L
		Dibenz(a,h)anthracene	10	ug/L
		Benzo(g,h,i)perylene	10	ug/L
		Carbazole	10	ug/L
		Acetophenone	10	ug/L
		1,2,4,5-Tetrachlorobenzene	10	ug/L
		2,3,4,6-Tetrachlorophenol	10	ug/L
		Atrazine	10	ug/L
		Benzaldehyde	10	ug/L
		2,2'-Oxybis(1-chloropropane)	10	ug/L
		Caprolactam	10	ug/L
		Biphenyl (Diphenyl)	10	ug/L

Please contact your project manager if you recognize any discrepancy in this form or have any questions about your project.

Thank you for choosing Pace Analytical Services, LLC.



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

Laboratory receiving samples:

Asheville  Eden  Greenwood  Huntersville  Raleigh  Mechanicsville  Atlanta  Kernersville

Sample Condition Upon Receipt

Client Name:

Syn Terra

Project #:

WO#: 92714034



Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other:

Custody Seal Present?  Yes  No Seals Intact?  Yes  No  N/A

Date/Initials Person Examining Contents: Ydy 2/6/24

Packing Material:  Bubble Wrap  Bubble Bags  None  Other

Biological Tissue Frozen?

Yes  No  N/A

Thermometer:

IR Gun ID: 935082 Type of Ice:  Wet  Blue  None

Cooler Temp: 4.1 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C

Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.1

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



DC#\_Title: ENV-FRM-HUN1-0083 v03\_Sample Condition Upon Receipt

Effective Date: 12/01/2023

**WO# : 92714034**

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

Project #

PM: BV

Due Date: 03/04/24

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

CLIENT: 92-SYNTERRA

\*\*Bottom half of box is to list number of bottles

\*\*\*Check all unpreserved Nitrates for chlorine

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)	BP4B-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)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (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)	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1	/	/	/	/	/	/	/	/	/	/	/	/	/	/	3	/	/	/	/	/	/	/	/	/	/	2	/	/
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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 DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

