S.T. HUDSON ENGINEERS, INC.
Professional Engineers and Consultants

October 6, 2026

Department of Natural Resources & Environmental Control
Division of Water
Wetlands & Subaqueous Lands
89 Kings Highway
Dover, DE 19901

Attention: Mr. Steven M. Smailer
Environmental Program Manager

Reference: Delaware River & Bay Authority (DRBA) Maintenance Dredging

Subject: Application for DNREC Subaqueous Lands Permit

Dear Mr. Smailer:

S. T. Hudson Engineers, Inc. has been retained by Delaware River & Bay Authority (DRBA) to assist with obtaining the necessary approvals to perform maintenance dredging at their facility located along Delaware Bay in Lewes, DE. This application is a revised version of the permit application previously submitted on September 15, 2026. The revised application reflects changes requested by DNREC on September 24th, 2026.

The dredged material will be disposed of at White's Basin in Logan Township, NJ. The proposed dredge depth is -11.0 ft MLW with a 1.0-ft overdredge, and -8.0 ft MLW with a 1.0-ft overdredge at the C-4 discrete location. The total area proposed to be dredged is approximately 416,136 square feet, with approximately 50,945 cubic yards of material proposed for removal.

A portion of the project has been removed because DRBA has decided not to pursue dredging in that area. The previously approved NJDEP SSAP form identified 61,253 cubic yards (CY) of material for removal. However, due to the removal of a portion of the proposed dredging area from the project, the revised volume of material proposed for removal is 50,945 CY.

Should you have any questions concerning this application, please do not hesitate to contact me at [redacted] or via email at [redacted].

Sincerely,

Clare Mueller

Clare Mueller
Environmental Specialist

CMM/mle
Attachments

26-073

900 Dudley Avenue, Cherry Hill, NJ 08002 • Ph: [redacted] • Fax: [redacted]
www.STHE.com

TABLE OF CONTENTS

SECTION

1	DNREC SUBAQUEOUS LANDS PERMIT FORM & WETLANDS APPLICATION FORM & SIGNATORY AUTHORITY
2	PROJECT DESCRIPTION / PURPOSE AND NEED / ALTERNATIVE ANALYSIS
3	PROPERTY OWNERSHIP DOCUMENTATION & DEED
4	SEDIMENT CORE LOGS, CORE PHOTOGRAPHS, CHAIN OF CUSTODY
5	USGS LOCATION PLANS
6	SAMPLING PLAN, SAMPLING PLAN APPROVAL FORM
7	MATERIAL ACCEPTANCE LETTER
8	ANALYTICAL DREDGED MATERIAL CHARACTERIZATION REPORT
9	PREVIOUS PERMIT FILE FC 2011.0043
10	PERMIT DRAWINGS

SECTION 1

DNREC SUBAQUEOUS LANDS PERMIT FORM
&
WETLANDS APPLICATION FORM

MAINTENANCE DREDGING OR EXCAVATING

- If dredged material is to be placed in a disposal site, a separate map showing the location of the disposal site should be attached. This drawing must indicate the proposed retention levees, weirs, spillways, and/or devices for retaining the materials.

- Bottom samples to determine heavy metals or other toxic materials must be taken and analyzed if deemed necessary by the DNREC staff. The responsibility, as well as the expense incurred for obtaining and analyzing these samples, must be borne by the applicant.

- If maintenance dredging is to be done, evidence of previous dredging must be provided. Any previously issued permit with drawings which indicates the date the dredging occurred, the area involved and dredging depth constitutes acceptable proof.

- Please make sure answers to all of the questions in this appendix correspond to information on the application drawings.

1. How many cubic yards of material will be MAINTENANCE DREDGED or excavated channelward of the:

   a. Tidal waters: mean high water line? 50,945 cu. yds.
      mean low water line? 50,945 cu. yds.
   b. Non-tidal waters: ordinary high water line?_____ cu. yds.

Does this account for the total volume of proposed dredging for the project? X Yes _____No
If there is new dredging associated with this project (dredging beyond previously authorized dimensions) please fill out appendix S for new dredging.

2. What will be the dimensions of the dredged or excavated area relative to mean low water (for tidal areas only) or ordinary water level (for non-tidal areas only)?
   802 length 107 depth -11.0 base width 331 top width

3. What are average existing depths in area of proposed dredging? -20.0 FT MLW ft. (mlw/ohw)
   Include a survey of proposed and existing depths on application drawings.

4. What is the proposed dredging depth in relation to surrounding bathymetry? -11.0 FT MLW & -8.0 ft.(mlw/ohw)
   Indicate both proposed depths and surrounding depths on attached drawings.

5. By what method(s) (hydraulic, clamshell or other) will the dredging be done? If other, explain:

   Dredging will be conducted via mechanical means.

6. What is proximity of the dredging project to the nearest creek bank or banks? 385 ft ft.
   What are existing land uses along this bank(s)?
   Ferry Bulkhead, rip rap, engineered shoreline structures.

   Describe the existing shoreline along this bank (vegetation, rip-rap, bulkhead, etc.).
   The existing shoreline is a mix of bulkhead and engineered shoreline structures. There are riprap areas adjacent to the terminal infrastructure.

7. Describe characteristics of the material to be disposed including:
   a. Physical nature of material (i.e. sand, silt, clay, etc.). Give percentages of various fractions if available.
      62% silt, 22.7 % sand, 15.1 % clay, 17.1 % fine sand, 5.3 % med sand
   b. Chemical composition of material - Many areas have sediments with high concentration of pollutants (chemicals, organics etc.) which may be re-suspended or reintroduced into the water. For heavily industrialized sites, a chemical analysis of this material should be provided (if applicable).
   c. What are the dewatering properties of material to be disposal of?
      No Dewatering.

8. How will the dredged or excavated material be transported to its disposal area?
   Dredged material will be transported to it's disposal area via barges.

9. Land Disposal Areas.
   a. Describe dimensions, characteristics and exact locations of the proposed dredged material disposal site (provide photographs, directions to, and complete plans of disposal site).
      Please see the attached photographs in section 4.0.
   b. Describe method of dredged material containment (embarkment, behind bulkhead, etc.)
      CDF disposal.
   c. What type of leachates will be produced by the spoil material and what is planned for the protection of groundwater?
   d. Disposal site coordinates 360252 latitude 253827 longitude
   e. What methods will be used to ensure that spoil water does not adversely affect water quality both during construction and after completion of the project?
   f. Describe present land use of the disposal site.
      The present land use of the site is a CDF.

10. Water Disposal Areas/ Beneficial Use Projects
    Describe methods to be used for water disposal including volumes and site selection, and containment (if applicable). Include Fill or Wetland Appendix if applicable.

    There will be no wetland fill or water disposal. All material will be transported and disposed of at White's Basin.

11. Describe the existing water characteristics at the site, including chemical analysis for water quality.

    There are no known contaminants in water at the site.

12. Identify the dredging and disposal schedule to ensure that operations do not degrade water quality during times of anadromous fish migration.

    Dredging will occur over a span of 15 days between Dec 2026 and Jan 2027. Water quality will not be affected during times of anadromous fish migration.

13. Has an Erosion and Sediment Control Plan been approved by the designated plan approval agency for the project? An Erosion and Sediment Control Plan is required for any project disturbing more than 5,000 square feet of uplands. Final approved plans must be received by this office prior to permit issuance.

____ Yes ____ No _x_ Not required

Important time of year restriction information:

Please be advised that all dredging in the Inland Bays must be undertaken between September 1 and December 31 in order to protect summer and winter flounder and other aquatic species. Dredging in other Delaware waters may also be subject to certain time of year restrictions in order to protect fish and wildlife. Contact DNREC for more specific information regarding the restrictions that may apply within your project area.

WETLANDS AND SUBAQUEOUS LANDS SECTION PERMIT APPLICATION FORM

For Subaqueous Lands, Wetlands, Marina and 401 Water Quality Certification Projects

State of Delaware
Department of Natural Resources and Environmental Control
Division of Water

Wetlands and Subaqueous Lands Section

APPLICATION FOR APPROVAL OF
SUBAQUEOUS LANDS, WETLANDS, MARINA
AND WATER QUALITY CERTIFICATION PROJECTS

Last Revised on: March 28, 2017

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

Application Instructions:

1. Complete each section of this basic application and appropriate appendices as thoroughly and accurately as possible. Incomplete or inaccurate applications will be returned.

2. All applications must be accompanied by a scaled plan view and cross-section view plans that show the location and design details for the proposed project. Full construction plans must be submitted for major projects.

3. All applications must have an original signature page and proof of ownership or permitted land use agreement.

4. Submit an original and two (2) additional copies of the application (total of 3) with the appropriate application fee and public notice fee* (prepared in separate checks) to:

Department of Natural Resources and Environmental Control
Wetlands and Subaqueous Lands Section
89 Kings Highway
Dover, Delaware 19901

*Application and public notice fees are non-refundable regardless of the Permit decision or application status.

5. No construction may begin at the project site before written approval has been received from this office.

Helpful Information:

1.	Tax Parcel Information:	New Castle County	(302) 395-5400
		Kent County	(302) 736-2010
		Sussex County	(302) 855-7878
2.	Recorder of Deeds:	New Castle County	(302) 571-7550
		Kent County	(302) 744-2314
		Sussex County	(302) 855-7785

3. A separate application and/or approval may be required through the Army Corps of Engineers. Applicants are strongly encouraged to contact the Corps for a determination of their permitting requirements. For more information, contact the Philadelphia District Regulator of the Day at (215) 656-6728 or visit their website at: http://www.nap.usace.army.mil/Missions/Regulatory.aspx.

4. For questions about this application or the Wetlands and Subaqueous Lands Section, contact us at (302) 739-9943 or visit our website at: http://www.dnrec.delaware.gov/wr/Services/Pages/WetlandsAndSubaqueousLands.aspx. Office hours are Monday through Friday 8:00 AM to 4:30 PM, except on State Holidays.

APPLICANT'S REVIEW BEFORE MAILING

DID YOU COMPLETE THE FOLLOWING?

_____ Yes BASIC APPLICATION

_____ Yes SIGNATURE PAGE (Page 3)

_____ Yes APPLICABLE APPENDICES

_____ Yes SCALED PLAN VIEW

_____ Yes SCALED CROSS-SECTION OR ELEVATION VIEW PLANS

_____ Yes VICINITY MAP

_____ Yes COPY OF THE PROPERTY DEED & SURVEY

_____ Yes THREE (3) COMPLETE COPIES OF THE APPLICATION PACKET

_____ Yes APPROPRIATE APPLICATION FEE & PUBLIC NOTICE FEE
(Separate checks made payable to the State of Delaware)

Submit 3 complete copies of the application packet to:

Department of Natural Resources and Environmental Control
Wetlands and Subaqueous Lands Section
89 Kings Highway
Dover, Delaware 19901

Before signing and mailing your application packet, please read the following:

The Department requests that the contractor or party who will perform the construction of your proposed project, if other than the applicant, sign the application signature page along with the applicant in the spaces provided. When the application is signed by the contractor as well as the applicant, the Department will issue the Permit to both parties. For Leases, the contractor will receive a separate construction authorization that will make them subject to all of the terms and conditions of the Lease relating to the construction

Section 1: Applicant Identification

1. Applicant's Name: Brian Lutes
   Mailing Address: P.O. BOX 71, 2162 NEW CASTLE AVE, NEW CASTLE DE, 19720
   Telephone #: [redacted]
   Fax #: _____
   E-mail: [redacted]

2. Consultant's Name: _____
   Mailing Address: _____
   Company Name: _____
   Telephone #: _____
   Fax #: _____
   E-mail: _____

3. Contractor's Name: _____
   Mailing Address: _____
   Company Name: _____
   Telephone #: _____
   Fax #: _____
   E-mail: _____

Section 2: Project Description

4. Check those that apply:
   ☐ X New Project/addition to existing project? ☐ Repair/Replace existing structure? (If checked, must answer #16)

5. Project Purpose (attach additional sheets as necessary):
   The applicant proposes to mechanically dredge approximately 50,945 CY of material from the ferry terminal at a depth of -11.0 +1.0 over dredge and 8.0 ft +1.0 ft over dredge at C-4. Material will be disposed of at White's Basin in Logan Township, New Jersey.

6. Check each Appendix that is enclosed with this application:

	A. Boat Docking Facilities		G. Bulkheads		N. Preliminary Marina Checklist
	B. Boat Ramps		H. Fill		O. Marinas
	C. Road Crossings		I. Rip-Rap Sills and Revetments		P. Stormwater Management
	D. Channel Modifications/Dams		J. Vegetative Stabilization		Q. Ponds and Impoundments
	E. Utility Crossings		K. Jetties, Groins, Breakwaters	X	R. Maintenance Dredging
	F. Intake or Outfall Structures		M. Activities in State Wetlands		S. New Dredging

Section 3: Project Location

7. Project Site Address: 43 Cape Henlopen Drive, Lewes, DE, 199958
   County: ☐ N.C. ☐ Kent X Sussex
   Site owner name (if different from applicant): _____
   Address of site owner: _____

8. Driving Directions: From the Delaware Department of Natural Resources and Environmental Control (DNREC) Richardson & Robbins Building located at 89 Kings Highway in Dover, Delaware, travel south on U.S. Route 13 and merge onto Delaware Route 1 South toward Lewes and Rehoboth Beach. Continue on DE-1 South for approximately 35 miles, then take the exit for Lewes and follow Savannah Road toward Cape Henlopen. Turn onto Cape Henlopen Drive and continue to the Cape May–Lewes Ferry Terminal, located at 43 Cape Henlopen Drive, Lewes,
   (Attach a vicinity map identifying road names and the project location)

9. Tax Parcel ID Number: 335-9.00-302.00
   Subdivision Name: N/A

WSLS Use Only: **Permit #s:** _____ _____ _____ _____

Type **SP** ☐ **SL** ☐ **SU** ☐ **WE** ☐ **WQ** ☐ **LA** ☐ **SA** ☐ **MP** ☐ **WA** ☐

Corps Permit: SPGP 18 ☐ **20** ☐ **Nationwide Permit #:** _____ **Individual Permit #** _____
Received Date: _____ **Project Scientist:** _____
Fee Received? Yes ☐ **No** ☐ **Amt: $** _____ **Receipt #:** _____
Public Notice #: _____ **Public Notice Dates: ON** _____ **OFF** _____

Section 3: Project Location (Continued)

10. Name of waterbody at Project Location: Delaware Bay waterbody is a tributary to: Delaware Estuary

11. Is the waterbody: X Tidal ☐ Non-tidal Waterbody width at mean low or ordinary high water 89,800 ft

12. Is the project: ☒ On public subaqueous lands? ☐ On private subaqueous lands?*
☐ In State-regulated wetlands? ☐ In Federally-regulated wetlands?

*If the project is on private subaqueous lands, provide the name of the subaqueous lands owner:

(Written permission from the private subaqueous lands owner must be included with this application)

13. Present Zoning: ☐ Agricultural ☐ Residential ☒ Commercial ☐ Industrial ☐ Other

Section 4: Miscellaneous

14. A. List the names and complete mailing addresses of the immediately adjoining property owners on all sides of the project (attach additional sheets as necessary):

Cape Henlopen state park - 15099 Cape Henlopen Dr, Lewes, De, 19958.
Delaware River and Bay Authority - Cape May - Lewes Ferry, Lewes DE.

B. For wetlands and marina projects, list the names and complete mailing addresses of property owners within a 1,000 foot radius of the project (attach additional sheets as necessary):

N/A.

15. Provide the names of DNREC and/or Army Corps of Engineers representatives whom you have discussed the project with:

Mike Snyder - DNREC
USACE - TBD
NJDEP - TBD

A. Have you had a State Jurisdictional Determination performed on the property? ☐ Yes ☒ No
B. Has the project been reviewed in a monthly Joint Permit Processing Meeting? ☐ Yes ☒ No
*If yes, what was the date of the meeting?

16. Are there existing structures or fill at the project site in subaqueous lands? ☒ Yes ☐ No
*If yes, provide the permit and/or lease number(s):

2011 WQ-152/11

*If no, were structures and/or fill in place prior to 1969? ☒ Yes ☐ No

17. Have you applied for or obtained a Federal permit from the Army Corps of Engineers?
☐ No ☒ Pending ☐ Issued ☐ Denied Date: 9/14/26

Type of Permit: Individual Permit for maintenance dredging Federal Permit or ID #:

18. Have you applied for permits from other Sections within DNREC?
☐ No ☒ Pending ☐ Issued ☐ Denied Date: 5/6/26 Permit or ID #: not issued yet

Type of permit (circle all that apply): Septic Well NPDES Storm Water

Other: Federal consistency

Section 5: Signature Page

19. Agent Authorization:

If you choose to complete this section, all future correspondence to the Department may be signed by the duly authorized agent. In addition, the agent will become the primary point of contact for all correspondence from the Department.

I do not wish to authorize an agent to act on my behalf ☐

I wish to authorize an agent as indicated below ☐

I, Brian Lutes, hereby designate and authorize Clare Mueller
(Name of Applicant) (Name of Agent)
to act on my behalf in the processing of this application and to furnish any additional information requested by the Department.

Authorized Agent's Name: Clare Mueller
Mailing Address: 900 Dudley Ave, Cherry Hill, NJ, 08002.
Telephone #: [redacted]
Fax #: _____
E-mail: [redacted]

20. Agent's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Clare Mueller
Agent's Signature

6/17/26
Date

21. Applicant's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application. I grant permission to authorized Department representatives to enter upon the premises for inspection purposes during working hours.

Brian Lutes
Applicant's Signature

6/17/26
Date

Brian Lutes
Print Name

22. Contractor's Signature:

I hereby certify that the information on this form and on the attached plans are true and accurate to the best of my knowledge, and that I am required to inform the Department of any changes or updates to the information provided in this application. I further understand that the Department may request information in addition to that set forth herein if deemed necessary to appropriately consider this application.

Contractor's Name

Date

Print Name

THE DELAWARE RIVER AND BAY AUTHORITY

DELAWARE MEMORIAL BRIDGE
POST OFFICE BOX 71
NEW CASTLE, DELAWARE 19720
[redacted]

POST OFFICE BOX 71
NEW CASTLE, DELAWARE 19720
[redacted]

CAPE MAY - LEWES FERRY
POST OFFICE BOX 827
CAPE MAY, NEW JERSEY 08204
[redacted]

POLICY NO:
ENG-20-02
NO. PAGES:
2

SUBJECT: SIGNATURE AUTHORITY

NEW POLICY:	THIS POLICY AMENDS:	DATE OF ISSUE:	EFFECTIVE DATE:
YES	N/A	01/2020	01/2020

APPROVED: _____

The executive director has issued authorization to sign certain documents in accordance with Resolution 13-39, paragraphs (f) and (h) per the associated Memorandum dated November 13, 2019 (attached).

Authorization has been granted to the following positions in the Engineering Department:

- Chief Engineer,
- Assistant Chief Engineer
- Project Engineer III
- Project Engineer II
- Project Engineer I

Authorization has been granted for execution of the following documents:

- Project Permitting Documents **including but not limited to;**
  - Building Permits
  - Erosion and Sediment Control Permits
  - Wetland Permits
  - Entrance Permits
  - DelDOT Permits
  - Construction Permits

- **Other Documents;**
  - Airport Layout Plans
  - Utility Service Applications and Agreements
  - Access Agreements
  - Record Plans
  - Grant Documents **(EXCLUDING FINAL AGREEMENTS)**
  - Grant Sponsor Certifications
  - Consulting Service Agreements
  - Vendor Agreements

As a condition of the above authorization, a record of all documents executed by the engineering department must be maintained and forwarded to the board for review upon request. To ensure all documents are recorded, in addition to the contract file on the X Drive please **save an extra pdf copy of any executed document to X Drive at the following location: X: CAD / 9 General Business Documents / 10 Eng Dept SOP / Engineering SOP – Document Execution / Executed Documents.**

Attached: Memorandum – Signature Authority 11/13/19

END

THE DELAWARE RIVER AND BAY AUTHORITY

Delaware Memorial Bridge
Post Office Box 71
New Castle, Delaware 19720
[redacted]

Cape May-Lewes Ferry
Post Office Box 827
N. Cape May, New Jersey 08204
[redacted]

MEMORANDUM

To: David Hoppenjans, Chief Engineer
From: Thomas Cook, Executive Director TJC
Date: November 13, 2019
Re: Signature Authority

In accordance with the authority granted to me pursuant to Resolution 13-39, Section1, paragraphs (f) & (h), I hereby delegate signing authority for Project Permitting, including but not limited to Building Permits, Erosion and Sediment Control Permits, Wetlands Permits, DelDOT Entrance Permits, DelDOT and Construction Permits. Signing authority is also delegated for Airport Layout Plans, Utility Service Applications and Agreements, Access Agreements, Record Plans, Grant Documents excluding final agreements, Grant Sponsor Certifications, Consulting Service Agreements, and Vendor Agreements:

David Hoppenjans

Shekhar Scindia

Gregory Pawlowski

Gregory Suchanoff

Brent Van Lith

Brian Lutes

Jennifer Bristow

Please maintain a record of documents signed for these projects for the board to review if requested.

SECTION 2

PROJECT DESCRIPTION/PURPOSE AND NEED
ALTERNATIVE ANALYSIS

SECTION 2.0

PROJECT DESCRIPTION & PURPOSE / NEED & ALTERNATIVE ANALYSIS

Maintenance Dredging

Delaware River and Bay Authority (DRBA) proposes to perform maintenance dredging along their berths area at the Lewes Ferry Terminal.

Dredge Depth: -11.0 ft Mean Low Water + 1 ft of overdredge & -8.0 ft MLW +1.0 ft of overdredge

Volume of material proposed for removal: Approx. 50,945 yd^3

Total Dredge Area: 416,137 SF

The maintenance dredging will be performed by mechanical means. The dredge material will be disposed of at White's Basin in Logan Township, NJ.

DRBA received an approved Soil Sampling and Analysis Plan (SSAP) from NJDEP on June 4, 2026. Hudson collected and analyzed eight (8) sediment core samples from the dredge area. A copy of the Dredged Material Characterization Report from Eurofins Laboratory is included in Appendix C.

Purpose and Need

The Delaware River and Bay Authority (DRBA) proposes to perform maintenance dredging within the ferry berths and adjacent maneuvering areas at the Lewes Ferry Terminal in Lewes, DE. The purpose of the project is to remove accumulated sediment that has reduced available water depths within the slips and berthing areas, thereby restoring the authorized navigational depths necessary to safely and efficiently accommodate vessel operations associated with the Cape May–Lewes Ferry service.

Maintenance dredging is required to maintain safe vessel access, maneuverability, and docking operations for ferries serving the Delaware Bay transportation corridor. Continued sediment deposition within the berths and approach areas has resulted in shoaling that, if left unaddressed, would impede navigation, increase the potential for vessel grounding, reduce operational reliability, and adversely affect the transportation services provided by the DRBA.

The proposed work consists of mechanically dredging approximately 50,945 cubic yards of accumulated sediment from approximately 416,137 SF of the terminal slips and berthing areas. Material will be removed to design elevations of -11.0 ft Mean Low Water (MLW) plus 1- foot of allowable overdredge in the primary berthing areas and -8.0 ft MLW plus 1-foot of allowable

overdredge in designated secondary areas. Dredged material will be transported and placed at White's Basin in Logan Township, NJ.

The need for the proposed project is based on maintaining adequate water depths to ensure continued safe and reliable ferry operations, preserve navigation infrastructure, support interstate transportation between Delaware and New Jersey, and prevent disruptions to commercial, commuter, and tourism-related activities that depend on the Cape May–Lewes Ferry service. The proposed work represents routine maintenance of an existing navigational facility and is necessary to sustain the long-term functionality of the Lewes Ferry Terminal.

Sediment characterization activities were conducted in accordance with an approved Soil Sampling and Analysis Plan (SSAP) authorized by the New Jersey Department of Environmental Protection (NJDEP) on June 4, 2026. Eight (8) sediment core samples were collected and analyzed, and the results are documented in the Dredged Material Characterization Report prepared by Eurofins Laboratory (Appendix C).

Alternative Analysis

The No Action Alternative would leave accumulated sediments in-place, resulting in continued shoaling and reduced water depths. Over time, this would impair vessel maneuverability and docking operations, increase the risk of grounding, and adversely affect the reliability and safety of the Cape May–Lewes Ferry service. Therefore, the No Action Alternative does not meet the project purpose and need.

SECTION 3

PROPERTY OWNER DOCUMENTATION

0920 1 of 2

THE DELAWARE RIVER AND BAY AUTHORITY

The states of Delaware and New Jersey recognized that the Delaware River and bay were natural obstacles to vehicular traffic and, as such, seriously handicapped the potential economic growth of the states. Therefore, in 1961, the two states attacked the problem on two fronts. First, they signed the Delaware and New Jersey Compact, whereby they pledged their unlimited cooperation in finding solutions to their transportation problems. Secondly, they formed the Delaware River and Bay Authority as the agent of both states responsible for the construction, maintenance, improvement and control of the Delaware Memorial Bridge, and later, the Cape May/Lewes Ferry (1964).

The authority exercises, all rights, powers, authority, duties, and obligations heretofore exercised by the Delaware Interstate Highway Division, as successor to the Delaware State Highway Department, in so far as they pertain to the bridge.

When all the Delaware Memorial Bridge Revenue Bonds issued were paid in full, the authority as an agent continued to hold, control, operate, maintain, and improve the bridge as a crossing, and transportation facility between the two states.

The Delaware River and Bay Authority has an executive director, as well as general managers at both the Delaware Memorial Bridge and Cape May/Lewes locations.

THE DELAWARE RIVER AND BAY AUTHORITY

1. 53 D.L., ch 146.

CIm; September 12, 1988; November 9, 1988; December 29, 1988 revised jrf; March 27, 1989

ASSIGNMENT OF LEASE

In consideration of the sum of THREE HUNDRED THOUSAND DOLLARS ($300,000.00), THE NATIONAL BANK OF WASHINGTON, a National Banking Association, hereinafter referred to as "Grantor", assigns unto THE DELAWARE RIVER & BAY AUTHORITY, an agency of the Government of the State of Delaware created by compact between the State of Delaware and the State of New Jersey, hereinafter referred to as "Grantee", all of its right, title and interest in and to that certain Leasehold Interest created by Indenture of December 28, 1961 between the Commissioners of Lewes, a Delaware municipal corporation, and Fish Products Company, recorded in Deed Book 543/400 Sussex County, Delaware, as amended by Addendum between The City of Lewes and Star Enterprises, Ltd., of October 1, 1976, recorded in Deed Book 813/126; to that 5.613 acres and improvements bounded and described as follows:

> ALL that certain tract, piece and Parcel of land situate, lying and being in Lewes and Rehoboth Hundred, Sussex County and State of Delaware, and being more particularly described as follows, to-wit: BEGINNING at a pipe set in the Northerly right of way line of Cape Henlopen Drive and in line of lands of Delaware Bay and River Authority; thence from said point of Beginning and by and with the line of lands of Delaware River and Bay Authority North 04° 33' East 695.97 feet to a pipe set in concrete; thence continuing North 04° 33' East 36.0 feet, more or less, to the approximate mean high water line of the Delaware Bay; thence by and with the mean high water line of the Delaware Bay to a point in line of other lands of Star Enterprises, Ltd.; thence by and with the line of other lands of Star Enterprises, Ltd., South 04° 33' West, 26.2 feet, or such a distance as will reach a pipe; thence continuing South 04° 33' West 695.97 feet to a pipe, located in the Northerly right of way line of Cape Henlopen Drive; thence by and with the Northerly right of way line of Cape Henlopen Drive South 89° 22' West, 340.0 feet to a pipe, the point and place of Beginning, containing 5.613 acres of land, be the same more or less, as surveyed by Wingate and Eschenbach, Registered Surveyors, November 19, 1975.
>
> TOGETHER with all and singular the land, buildings, structures, improvements, ways, pass-

ages, woods, waters, water-courses, rights, liberties, privileges, hereditaments and appurtenances whatsoever thereunto belonging, or in anywise appertaining, and the revisions and remainders, rents, issues and profits thereof.

BEING a part of the lands conveyed to Star Enterprises, Ltd., a Maryland corporation by Assignments of Lease of Sea Coast Products, Inc., which is filed for record in the Office of the Recorder of Deeds, in and for Sussex County, Delaware, in Deed Book 740, Page 817, on December 11, 1974, as amended or clarifed by an addendum to Indenture dated the first day of October, A.D., 1976, and recorded in the Office aforesaid, in Deed Book 813, Page 128, and BEING FURTHER, the lands of the said Star Enterprises, Ltd., conveyed to the National Bank of Washington, by Indenture of Stephen E. Rogers, Sheriff of Sussex County, in the State of Delaware, which Indenture is filed for record in the Office of the Recorder of Deeds in and for Sussex County, Delaware in Deed Book 971, Page 200; the said Sheriff by virtue of a Writ of Scire Facias Sur Le Morgage having seized and taken in execution said lands and then by virtue of a Writ of Levari Facias having exposed to public vendue, advertised and sold said lands to the said National Bank of Washington.

Together with the remaining term thereof and any renewal term; as well as the exclusive right to exercise the option therein provided for renewal for a further term of forty years.

Grantor expressly covenants and agrees to defend and continue to defend Grantee's title at Grantor's sole cost and expense and shall indemnify Grantee against loss or damage suffered or sustained by it as a result of a judicial determination the effect of which would render Grantee's title less than a good, sufficient insurable and merchantable leasehold title or impair its right of exclusive possession. Grantor further covenants and warrants that:

The Indenture of Stephen E. Rogers, Sheriff of Sussex County, Delaware dated September 12, 1979 validly conveyed to the Grantor good, sufficient, insurable and merchantable leasehold title to the premises;

The public sale by said Sheriff of Sussex County, Delaware on January 16, 1979 at which the Grantor purchased the leasehold interest in the premises conveyed by such Indenture, and

all proceedings related to such sale, including the foreclosure proceedings which culminated in such sale, were valid and regular;

The Grantor can validly assign the leasehold interest in the premises acquired through such Indenture and purchase;

The Grantor can validly assign the right to exercise the option provided in the aforesaid Indenture of Lease dated December 28, 1961 for renewal for a further term of forty (40) years;

There are no violations of law or municipal ordinances affecting the premises and if any such violations exist, Grantor will cure any and all violations prior to the date of settlement;

The premises are free and clear of all mechanics liens and that as of the date hereof, no work has been done or materials furnished that could result in a mechanic's lien being filed against the premises.

Subject to an Agreement of Lease dated October 26, 1979 between The National Bank of Washington, as Lessor, and Fischer Enterprises, Inc., as Leasee, for one storage tank and appurtenances located upon the within described premises.

IN WITNESS WHEREOF, the said The National Bank of Washington, a National Banking Association, has caused its name by Frederick M. Hanschel its Ex Vice President to be hereunto set, and the common and corporate seal of the said corporation to be hereunto affixed, duly attested by its Secretary, this 13th day of March, A.D., 1981.

Sealed and Delivered in the Presence Of:

THE NATIONAL BANK OF WASHINGTON

BY: _____ Ex Vice President

ATTEST: Kathleen W. Collins Secretary

District of Columbia
~~STATE OF~~)
) SS:
~~COUNTY OF~~)

BE IT REMEMBERED, That on this 13th day of March, in the year of our LORD one thousand nine hundred and eighty-one, personally came before me, a Notary Public for the State and County aforesaid, Frederick M. Hewsche, Executive Vice-President of THE NATIONAL BANK OF WASHINGTON, a corporation existing under the laws of the National Banking Association, party to this Indenture, known to me personally to be such, and acknowledged this Indenture to be his act and deed and the act and deed of said corporation, that the signature of the President thereto is in his own proper handwriting and the seal affixed is the common and corporate seal of said corporation, and that his act of sealing, executing, acknowledging and delivering said Indenture was duly authorized by a resolution of the Board of Directors of said corporation.

GIVEN under my Hand and Seal of Office, the day and year aforesaid.

Notary Public

My Commission Expires November 14, 1984

FEE 10.00 091270

State of Delaware
STATE TAX DEPT. • • • SUSSEX
REALTY TRANSFER TAX $00.00

RECEIVED
FOR RECORDABE
MAR 21 2 45 PM '81
RECORDER OF DEEDS
SUSSEX COUNTY

PURCHASERS REPORT MADE
THIS 25th DAY OF March 1981
ASSESSMENT DIVISION OF SUSSEX COUNTY

M. H. A. & Tunnell
Atty. 4/9/81

INDENTURE OF LEASE

THIS INDENTURE, made this 12th day of January, A.D., 1981, between the City of Lewes, a municipal corporation of the State of Delaware, party of the first part, and the Delaware River and Bay Authority, a bi-state agency established by compact between the states of Delaware and New Jersey (herein called the "Authority"), party of the second part,

WHEREAS, under and by virtue of an act of the General Assembly of the State of Delaware entitled "An Act to Reincorporate the City of Lewes" passed at Dover, being Chapter 170, Volume 57, Laws of Delaware, as amended, all the public and vacant lands lying within the corporate limits of the City of Lewes and all the public or vacant lands contiguous to but outside the corporate limits of said city, fronting on the bay between the point of Cape Henlopen on the South and Veasey's Inlet on the North, were vested in the City Council of the City of Lewes and the City Council given jurisdiction over them and authority to lease to persons who would improve, or agree to improve the same, such portions of said land upon such time and such terms as they might deem proper for the interest and benefit of said city; and

WHEREAS, by Indenture of Lease dated December 28, 1961 (a copy of which is hereto attached as Exhibit A), the City of Lewes leased to the Fish Products Company certain lands a portion of which consisted of the hereinafter described 5.613 acres more or less (as more fully bounded and described herein) for a term of forty years ensuing from May 1st, 1962 through April 30th, 2002 with an option to renew such lease for a further term of forty years from the expiration of the original term; and

WHEREAS, Fish Products Company merged into Seacoast Products, Inc., a Delaware corporation by Agreement of Merger filed in the office of the Secretary of State of the State of Delaware on December 3rd, 1973 whereby Seacoast Products, Inc.

became the surviving corporation to Fish Products Co.; and

WHEREAS, on December 11, 1979, Seacoast Products, Inc. assigned all of the unexpired leasehold interest in the aforesaid 5.613 acres described herein under the aforesaid December 28, 1961 Lease to Star Enterprises, Ltd. by a written assignment of lease now of record in the office of the Recorder of Deeds in and for Sussex County, Delaware in Deed Book 740, page 817 and

WHEREAS, on October 1, 1976, the City of Lewes and Star Enterprises, Ltd. amended, clarified and ratified the aforesaid December 28, 1961 Lease by an addendum which, inter alia, confirmed the aforesaid December 28, 1961 Lease and recognized the mesne conveyances that granted to Star Enterprises, Ltd. the remainder of the leasehold term created by the aforesaid December 28,1961 Lease, which addendum is filed and recorded in the office of the Recorder of Deeds in and for Sussex County in Deed Book 813, page 128; and

WHEREAS, all the rights, title and claim whatsoever in law and equity of Star Enterprises, Ltd., its successors and assigns or other legal representatives to the aforesaid 5.613 acres described herein were conveyed to the National Bank of Washington, a National Banking Association, by Indenture of Stephen E. Rogers, Sheriff of Sussex County in the State of Delaware which Indenture is filed for record in the office of the Recorder of Deeds in and for Sussex County, Delaware in Deed Book 971, page 200 on September 13, 1979, the said Sheriff by virtue of a Writ of Scire Facias Sur Le Mortgage, having seized and taken in execution said rights, title and claim of Star Enterprises, Ltd. and then by virtue of a Writ of Levari Facias, the said sheriff having exposed to public vendue, advertised and sold rights, title and claim to the said National Bank of Washington; and

WHEREAS, the said National Bank of Washington and the Authority have entered into an Agreement of Sale of the National Bank of Washington's rights, title, claim & interest to the aforesaid 5.613 acres described herein; and

WHEREAS, the City Council of the City of Lewes deem the agreement hereinafter set forth to be proper for the interest and benefit of the City of Lewes;

NOW THEREFORE, this Indenture witnesseth that the said party of the first part in consideration of the premises and of the yearly rent and covenants hereinafter mentioned and reserved on the part and behalf of said party of the second part, its successors and assigns, to be paid, kept and performed, have demised, leased and to farm let and by these presents doth demise, lease and to farm let unto the said party of the second part, its successors and assigns under the following terms and conditions:

ALL that certain tract, piece and parcel of land situate, lying and being in Lewes and Rehoboth Hundred, Sussex County and State of Delaware, and being more particularly described as follows, to wit: BEGINNING at a pipe set in the Northerly right of way line of Cape Henlopen Drive and in line of lands of Delaware Bay and River Authority; thence from said point of beginning and by and with the line of lands of Delaware River and Bay Authority North 04° 33' East 695.97 feet to a pipe set in concrete; thence continuing North 04° 33' East 36.0 feet, more or less, to the approximate mean high water line of the Delaware Bay; thence by and with the mean high water line of the Delaware Bay to a point in line of other lands of Star Enterprises, Ltd.; thence by and with the line of other lands of Star Enterprises, Ltd., South 04° 33' West 26.2 feet, or such a distance as will reach a pipe; thence continuing South 04° 33' West 695.97 feet to a pipe, located in the Northerly right of way line of Cape Henlopen Drive; thence by and with the Northerly right of way line of Cape Henlopen Drive South 89° 22' West 340.0 feet to a pipe, the point and place of beginning, containing 5.613 acres of land, be the same more or less, as surveyed by Wingate and Eschenbach, Registered Surveyors, November 19, 1975.

TOGETHER with all and singular the land, buildings, structures, improvements, ways, passages, woods, waters, water-courses, rights, liberties, privileges, hereditaments and appurtenances whatsoever thereunto belonging, or in anywise appertaining, and the revisions and remainders, rents, issues and profits thereof.

1. The party of the first part hereby ratifies and confirms the aforesaid December 28, 1961 Lease as amended, and upon the execution of an assignment of lease by the National Bank of Washington conveying to the Authority all of the rights, title, claims and interest of the National Bank of Washington to the above-described 5.613 acres, hereby recognizes the mesne conveyances granting to the Authority the remainder of the leasehold term created in the aforesaid December 28, 1961 Lease as amended and acknowledges that the Authority succeeds to all right, title and interest of the party of the second part in the above-described 5.613 acres under the aforesaid December 28, 1961 Lease as amended, including any rights of renewal.

2. All the terms, conditions and covenants of the aforesaid December 28, 1961 Lease as amended are hereby ratified and confirmed for the above-described 5.613 acres and are hereby incorporated into this Indenture of Lease for the remaining period of the original term of the aforesaid December 28, 1961 Lease as amended with the exception that the yearly rental shall be one dollar lawful money of the United States of America payable in advance on or before the 30th day of April of each year.

3. Upon the expiration on April 30, 2002 of the original term of the aforesaid December 28, 1961 Lease as amended, the Authority, its successors and assigns shall have and hold the said lot, piece or parcel of land and all and singular, the premises hereby demised with appurtenances from the first day of May, 2002 for and during the term of forty years next ensuing, fully to be complete and ended, yielding and paying the same unto the said party of the first part, its successors and assigns, the yearly rent of one dollar, lawful money of the United States of America payable in advance on or before the 30th day of April of each year.

4. It is understood and agreed between the parties hereto that in the event the Authority should fail to pay the

annual rental herein provided for a period of thirty days after the same shall have become due, then this Lease shall be automatically terminated at the option of the party of the first part, by serving written notice to that effect upon the party of the second part.

5. Upon the expiration on April 30, 2002 of the original term of the aforesaid December 28, 1961 Lease as amended, the remaining term of the duration of this Indenture of Lease shall be forty years beginning on the first day of May, 2002 and terminating on the 30th day of April, 2042, but this Indenture of Lease shall be renewed, however, at the option of the Authority for a further period of forty years, which option, if exercised, must be so exercised by an application in writing to the City Council of the City of Lewes on or before the first day of April, A.D. 2042 and if so exercised, shall convey to the Authority for the further term of forty years, the right of possession in the premises herein mentioned, which further term shall commence on the first day of May, 2042 and terminate on the 30th day of April, 2082, subject to all the terms and conditions which apply to the parties and the premises herein referred to during the term of this Indenture of Lease.

6. It is further understood and agreed between the parties hereto that the Authority shall have the right to let or sublet all or any portion of the said lands, together with the privileges, rights and appurtenances herein conveyed and granted to any person, persons, firm or corporation, subject to all the restrictions herein made on the part of and in behalf of the party of the first part.

7. The Authority hereby agrees to absolve and release the party of the first part from all liability whatsoever under this Indenture of Lease in the event that it, the said party of the first part, should be prevented from abiding by any or all the conditions herein contained, including the actual leasing

of the premises herein demised, by a decision of a Court of Law or a Decree of a Court of Equity.

8. It is mutually agreed between the parties hereto that this Agreement shall be binding not only upon the parties hereto, but also upon the successors and assigns of the Authority.

9. The parties hereby agree that this Indenture of Lease is expressly contingent upon the execution of an assignment of lease by the National Bank of Washington conveying to the Authority all the rights, title, claims and interests of the National Bank of Washington to the above-described 5.613 acres. The term of this lease shall commence upon the execution of such an assignment of lease by the National Bank of Washington. In the event such an assignment of lease does not occur for any reason, this Indenture of Lease shall be null and void.

IN WITNESS WHEREOF, the said party of the first part has hereunto caused this Indenture of Lease to be executed by its proper officers and its corporate seal to be hereunto affixed, and the Authority has hereunto caused this Indenture of Lease to be executed by its proper officers and its seal to be hereunto affixed, the day and year first above written.

P.D. 10493 091271

State of Delaware
STATE TAX DEPT. - - - SUSSEX
MAR 24 '81
REALTY TRANSFER TAX $ 00.00

THE CITY OF LEWES

By: _____
MAYOR

_____
SECRETARY

DELAWARE RIVER & BAY AUTHORITY

By: _____
CHAIRMAN

By: _____
VICE CHAIRMAN

By: _____
DIRECTOR

_____
ASST. SECRETARY

STATE OF DELAWARE :

COUNTY OF SUSSEX : ss.

:

BE IT REMEMBERED, That on this 12th day of January, A.D. 1981, personally came before me, The Subscriber, a Notary Public for the State and County aforesaid, ALFRED A. STANGO, Mayor of THE CITY OF LEWES, a municipal corporation of the State of Delaware, party to this Indenture, known to me personally to be such, and acknowledged this Indenture to be his act and deed, and the act and deed of the said corporation; that the signature of the Mayor is in his own proper handwriting; that the seal affixed is the common and corporate seal of the said corporation duly affixed by its authority; and that the act of signing, sealing, acknowledging and delivering the said Indenture was first duly authorized by the City Council of The City of Lewes.

GIVEN under my Hand and Seal of Office, the day and year aforesaid.

Ronald Donovan
Notary Public

Ronald Donovan, Notary Public
My Commission Expires Mar. 16, 1983

M, N, A, & Tunnell
atty 1/9/81

STATE OF DELAWARE)
) SS.
NEW CASTLE COUNTY)

BE IT REMEMBERED on this 4th day of February, A.D., 1981, personally came before me, the Subscriber, a Notary Public of the State and County aforesaid, William J. Miller, Jr., Director of the Delaware River & Bay Authority, a bi-state agency of the State of Delaware and the State of New Jersey, party to this Indenture, known to me to be such and acknowledged this Indenture to be his act and deed, and the act and deed of the said bi-state agency, that the signature of the Director, the Chairman and the Vice Chairman are in their own proper handwriting known by him to be such, and that the act of signing, sealing, and acknowledging the said Indenture was first duly authorized by resolution of the Commissioners of the said bi-state agency.

William J. Miller, Jr., Director
of Delaware River & Bay Authority

GIVEN under my hand and seal of office, the day and year aforesaid.

Eleanor J. Straddler
Notary Public

RECEIVED
MARY ANN McCABE
MAR 21 2 48 PM '81
RECORDER OF DEEDS
SUSSEX COUNTY

PURCHASERS REPORT MADE
THIS 25th DAY OF March 1981
ASSESSMENT DIVISION OF SUSSEX COUNTY

M. N. A. + Tunnel
attys 4/9/81

SECTION 4

SEDIMENT CORE LOGS, CORE PHOTOGRAPHS & CHAIN OF CUSTODY

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes ferry Terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/26	Time: 11:15
Coordinates: 741272.07,285325.08		
CORE #: C-1	Datum: MLW	
Project Depth: -11.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 8.0 ft	
Existing Depth @ MLW: 4.00 ft	Recovered Core Length (ft.): 8.0 ft	
Required Sample Core Length: 8.0 ft	Sample Length Retained (ft.): 8.0 ft	
	Collected to Project Depth: Y N	

All Length Measurements are in Decimal Feet

Sample Interval (ft.)			Description
TOP			
-4.00 ft mlw	0.0 ft		
			Black silt, consistent through out. Firm material.
-12.00 ft mlw	8.0 ft mlw		
BOTTOM			

Comments:

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes Ferry Terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/26	Time: 11:32
Coordinates: 741405.65,285499.67		
CORE #: C-2	Datum: MLW	
Project Depth -11.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 6.0 ft	
Existing Depth @ MLW: -6.20 ft	Recovered Core Length (ft.): 6.0 ft	
Required Sample Core Length: 5.8 ft	Sample Length Retained (ft.): 6.0 ft	
	Collected to Project Depth: Y N	

All Length Measurements are in Decimal Feet

Sample Interval (ft.)			Description
TOP -6.20 ft mlw	0.0 ft		
			Black silt, consistent throughout. Firm material.
-12.2 ft mlw	6.0 ft **BOTTOM**		

Comments:

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes Ferry Terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/26	Time: 1:41
Coordinates: 741345.28,285875.34		
CORE #: C-3	Datum: MLW	
Project Depth -11.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 3.0 ft	
Existing Depth @ MLW: -9.30 ft	Recovered Core Length (ft.): 3.0 ft	
Required Sample Core Length: 2.70 ft	Sample Length Retained (ft.) 3.0 ft	
	Collected to Project Depth: Y N	

All Length Measurements are in Decimal Feet

Sample Interval (ft.)			Description
TOP -9.30 ft mlw	0.0 ft		
			Soft silt, consistent throughout. Slight odor.
-12.30 ft mlw	3.0 ft **BOTTOM**		

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes Ferry Terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/2026	Time: 12:34
Coordinates: 740712.27,285292.25		

CORE #: C-4	Datum: MLW
Project Depth: -8.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 4.5 ft
Existing Depth @ MLW: -4.80 ft	Recovered Core Length (ft.): 4.5 ft
Required Sample Core Length: 4.20 ft	Sample Length Retained (ft.) 4.5 ft
	Collected to Project Depth: Y N

All Length Measurements are in Decimal Feet

Sample Interval (ft.)			Description
TOP			
-4.80 ft mlw	0.0 ft		
			Soft silt, consistent throughout. Slight odor.
- 9.3 ft mlw	4.5 ft		
BOTTOM			

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes ferry terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/2026	Time: 1:21
Coordinates: 740949.77,286081.56		
CORE #: C-5	Datum: MLW	
Project Depth: -11.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 6.6 ft	
Existing Depth @ MLW: -5.40 ft	Recovered Core Length (ft.): 6.6 ft	
Required Sample Core Length: 6.60 ft	Sample Length Retained (ft.) 6.6 ft	
	Collected to Project Depth: Y N	

All Length Measurements are in Decimal Feet

Sample Interval (ft.)		Description
TOP -5.40 ft mlw 0.0 ft		
		Soft silt, consistent throughout. Slight odor.
-12.0 ft mlw 6.6 ft **BOTTOM**		

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes Ferry Terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/2026	Time: 11:07
Coordinates: 741119.30,286337.61		
CORE #: C-6	Datum: MLW	
Project Depth: -11.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 4.5 ft	
Existing Depth @ MLW: -7.50 ft	Recovered Core Length (ft.): 4.5 ft	
Required Sample Core Length: 4.50 ft	Sample Length Retained (ft.): 4.5 ft	
	Collected to Project Depth: Y N	

All Length Measurements are in Decimal Feet

Sample Interval (ft.)		Description
TOP -7.50 ft mlw 0.0 ft		
		Firm silt, consistent throughout.
-12.0 ft mlw 4.5 ft **BOTTOM**		

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes Ferry Terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/2026	Time: 12:39
Coordinates: 741110.58,285701.48		
CORE # C-7	Datum: MLW	
Project Depth: -11.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 6.5 ft	
Existing Depth @ MLW: -7.50 ft	Recovered Core Length (ft.): 6.5 ft	
Required Sample Core Length: 4.50 ft	Sample Length Retained (ft.): 6.5 ft	
	Collected to Project Depth: Y N	

All Length Measurements are in Decimal Feet

Sample Interval (ft.)		Description
TOP -7.50 ft mlw 0.0 ft		
		Firm silt, consistent throughout.
-12.0 ft mlw 6.5 ft **BOTTOM**		

S. T. Hudson Engineers, Inc.

SEDIMENT CORE LOG

Client: DRBA	Project: Lewes Ferry Terminal	Logger: Clare Mueller
Job #: 26-073	Date: 6/10/2026	Time: 1:13
Coordinates: 740988.00,285854.44		
CORE # C-8	Datum: MLW	
Project Depth: -11.0 ft (inc. ft. over dredge): +1.0 ft	Core Penetration Length (ft.): 7.0 ft	
Existing Depth @ MLW: -6.90 ft	Recovered Core Length (ft.): 7.0 ft	
Required Sample Core Length: 5.10 ft	Sample Length Retained (ft.): 7.0 ft	
	Collected to Project Depth: Y N	

All Length Measurements are in Decimal Feet

Sample Interval (ft.)			Description
TOP -6.90 ft mlw	0.0 ft		
			Firm silt, consistent throughout.
-13.9 ft mlw	6.5 ft **BOTTOM**		



PHOTO No. 1: C-1 8.0 FT REQUIRED.

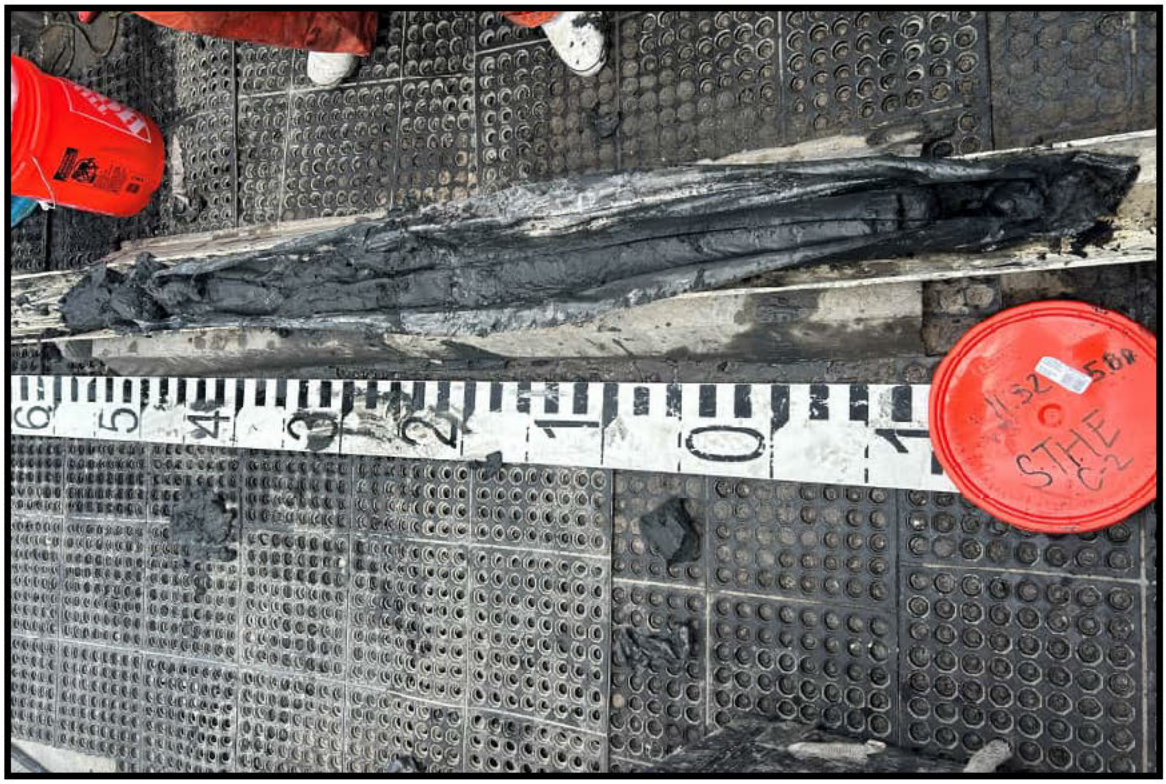


PHOTO No. 2: C-2 5.8 FT REQUIRED.



PHOTO No. 3: C-3 REQUIRED 2.7 FT.

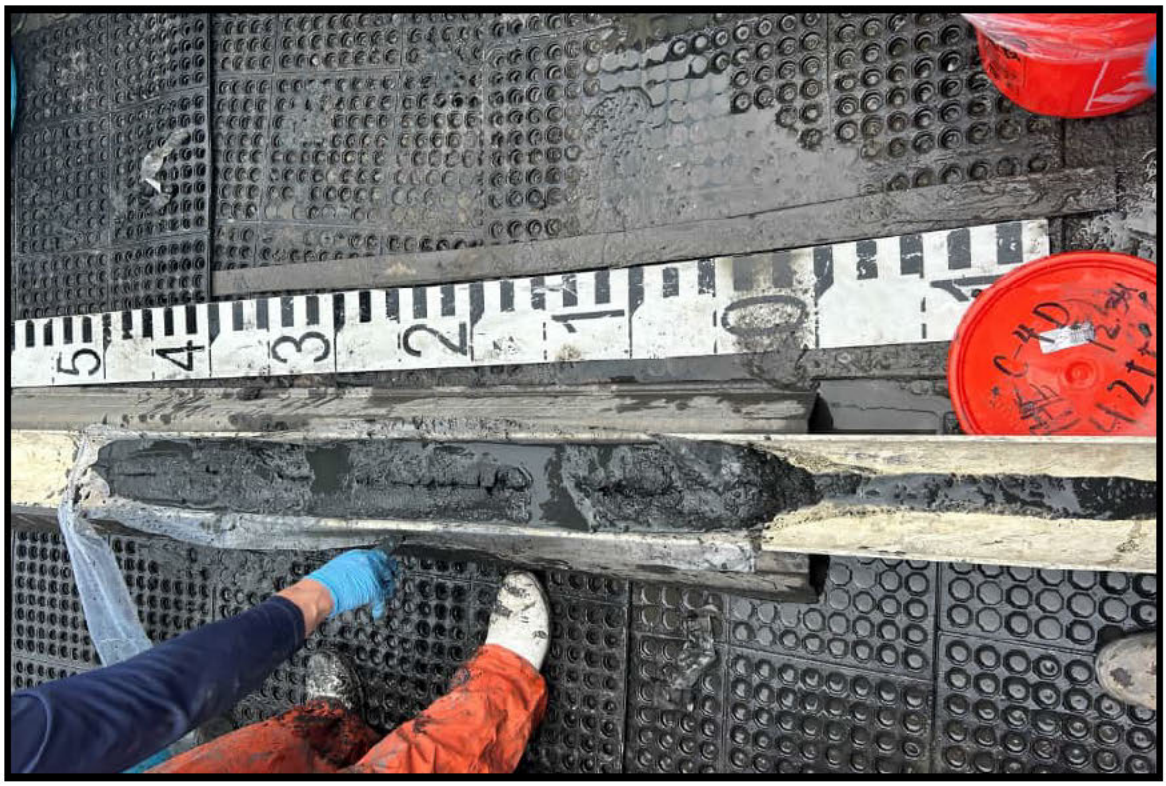


PHOTO No. 4: C-4 DISCRETE 4.2 FT REQUIRED.



Photo No. 5: C-5 REQUIRED 6.6 FT.



PHOTO No. 6: C-6 4.5 FT REQUIRED.



PHOTO No. 7: C-7 4.5 FT REQUIRED.



PHOTO No. 8: C-8 5.1 FT REQUIRED.

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

PITT CR2 Floor 3010B

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	MoistureTotal Solids, % Moisture	Lloyd_Kahn_ModLloyd Kahn, TOC	8270E_LL/3541_LL(MOD) 8270 Semivolatiles	8081B_LL/3541_LL(MOD) 8081 Pesticides	8082A_LL/3541_LL8082 PCBs	Total_PCBTotal PCB Calculation	9014/9010CCyanide	MoisturePercent Moisture	SED_METModified Elutriate Test Technique	SED_MET_DissModified Elutriate Test Technique, Diss	SED_SET_DissStandard Elutriate Test, Dissolved	8270E_LL/3520C_LVI_LL(MOD) 8270 Semivolatiles	8081B_LL/3510C_LL(MOD) 8081 Pesticides	Total Number of containers	Speci
				Preservation Code:																	
C-1 (630-138167-1)	6/10/26	11 15 Eastern	G	Sediment			X	X												1	
C-2 (630-138167-3)	6/10/26	11.52 Eastern	G	Sediment			X	X												1	
C-3 (630-138167-5)	6/10/26	13 41 Eastern	G	Sediment			X	X												1	
C-4 DISCRETE (630-138167-7)	6/10/26	12 34 Eastern	G	Sediment			X	X	X	X	X	X	X							4	
C-5 (630-138167-9)	6/10/26	13 26 Eastern	G	Sediment			X	X												1	
C-6 (630-138167-11)	6/10/26	10 56 Eastern	G	Sediment			X	X												1	
C-7 (630-138167-13)	6/10/26	12 39 Eastern	G	Sediment			X	X												1	
C-8 (630-138167-15)	6/10/26	13:13 Eastern	G	Sediment			X	X												1	
SC-1 COMPOSITE (C1+C2) (630-138167-17)	6/16/26	11.10 Eastern	G	Sediment			X	X	X	X	X	X	X							4	

630-138167 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
1	[signature]	6/17/26 1425	eekp	[signature]	6-18-26 0935	EUROFINS
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 2
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 2 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL8082 PCBs	7196AChromium, Hexavalent	7196A_CR3Chromium, Trivalent	8270E_LL/Filtration_AC(MOD) 8270 Semivolatiles-Dissolved	8081B_LL/Filtration_AC(MOD) 8081 Pesticides-Dissolved	8082A_LL/Filtration_AC8082 PCBs-Dissolved	Total_PCB/Filtration_ACTotal PCB Calculation	9014/Filtration_ACCyanide-Dissolved	7196A/Filtration_ACChromium, Hexavalent-Dissolved	7196A_CR3/Filtration_ACChromium, Trivalent-Dissolved				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
C-1 (630-138167-1)	6/10/26	11 15 Eastern	G	Sediment																1	
C-2 (630-138167-3)	6/10/26	11 52 Eastern	G	Sediment																1	
C-3 (630-138167-5)	6/10/26	13 41 Eastern	G	Sediment																1	
C-4 DISCRETE (630-138167-7)	6/10/26	12 34 Eastern	G	Sediment																4	
C-5 (630-138167-9)	6/10/26	13.26 Eastern	G	Sediment																1	
C-6 (630-138167-11)	6/10/26	10 56 Eastern	G	Sediment																1	
C-7 (630-138167-13)	6/10/26	12 39 Eastern	G	Sediment																1	
C-8 (630-138167-15)	6/10/26	13 13 Eastern	G	Sediment																1	
SC-1 COMPOSITE (C1+C2) (630-138167-17)	6/16/26	11 10 Eastern	G	Sediment																4	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/19/26 1425	[redacted]	[signature]	6-18-26 to 0935	[redacted]
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 3
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 3 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	MoistureTotal Solids, % Moisture	Lloyd_Kahn_ModLloyd Kahn, TOC	8270E_LL/3541_LL(MOD) 8270 Semivolatiles	8081B_LL/3541_LL(MOD) 8081 Pesticides	8082A_LL/3541_LL8082 PCBs	Total_PCBTotal PCB Calculation	9014/9010CCyanide	MoisturePercent Moisture	SED_METModified Elutriate Test Technique	SED_MET_DissModified Elutriate Test Technique, Diss	SED_SET_DissStandard Elutriate Test, Dissolved	8270E_LL/3520C_LVI_LL(MOD) 8270 Semivolatiles	8081B_LL/3510C_LL(MOD) 8081 Pesticides	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
SC-2 COMPOSITE (C3+C7) (630-138167-19)	6/16/26	11 48 Eastern	G	Sediment			X	X	X	X	X	X	X							4	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-21)	6/16/26	12 16 Eastern	G	Sediment			X	X	X	X	X	X	X							4	
SC-1 COMPOSITE ELUTRIATE (630-138167-23)	6/16/26	11 10 Eastern	G	Sediment										X	X	X	X			1	
SC-1 COMPOSITE ELUTRIATE (630-138167-24)	6/16/26	11 10 Eastern	G	Water								X	X					X	X	1	
SC-2 COMPOSITE ELUTRIATE (630-138167-25)	6/16/26	11 48 Eastern	G	Sediment										X	X	X	X			1	
SC-2 COMPOSITE ELUTRIATE (630-138167-26)	6/16/26	11 48 Eastern	G	Water								X	X					X	X	1	
SC-3 COMPOSITE ELUTRIATE (630-138167-27)	6/16/26	12 16 Eastern	G	Sediment										X	X	X	X			1	
SC-3 COMPOSITE ELUTRIATE (630-138167-28)	6/16/26	12 16 Eastern	G	Water								X	X					X	X	1	
C-4 DISCRETE ELUTRIATE (630-138167-29)	6/10/26	12 34 Eastern	G	Sediment										X	X	X	X			1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	6/17/26 1425		Received by:	6-18-26 0935	
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 4
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 4 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL8082 PCBs	7196AChromium, Hexavalent	7196A_CR3Chromium, Trivalent	8270E_LL/Filtration_AC(MOD) 8270 Semivolatiles-Dissolved	8081B_LL/Filtration_AC(MOD) 8081 Pesticides-Dissolved	8082A_LL/Filtration_AC8082 PCBs-Dissolved	Total_PCB/Filtration_ACTotal PCB Calculation	9014/Filtration_ACCyanide-Dissolved	7196A/Filtration_ACChromium, Hexavalent-Dissolved	7196A_CR3/Filtration_ACChromium, Trivalent-Dissolved				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
SC-2 COMPOSITE (C3+C7) (630-138167-19)	6/16/26	11:48 Eastern	G	Sediment																4	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-21)	6/16/26	12 16 Eastern	G	Sediment																4	
SC-1 COMPOSITE ELUTRIATE (630-138167-23)	6/16/26	11 10 Eastern	G	Sediment																1	
SC-1 COMPOSITE ELUTRIATE (630-138167-24)	6/16/26	11 10 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	
SC-2 COMPOSITE ELUTRIATE (630-138167-25)	6/16/26	11 48 Eastern	G	Sediment																1	
SC-2 COMPOSITE ELUTRIATE (630-138167-26)	6/16/26	11 48 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	
SC-3 COMPOSITE ELUTRIATE (630-138167-27)	6/16/26	12 16 Eastern	G	Sediment																1	
SC-3 COMPOSITE ELUTRIATE (630-138167-28)	6/16/26	12 16 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	
C-4 DISCRETE ELUTRIATE (630-138167-29)	6/10/26	12 34 Eastern	G	Sediment																1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	6/17/26 1425	eel	[signature]	6-18-26 0935	[signature]
2						
3						

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 5
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 5 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, B=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	MoistureTotal Solids, % Moisture	Lloyd_Kahn_ModLloyd Kahn, TOC	8270E_LL/3541_LL(MOD) 8270 Semivolatiles	8081B_LL/3541_LL(MOD) 8081 Pesticides	8082A_LL/3541_LL8082 PCBs	Total_PCBTotal PCB Calculation	9014/9010CCyanide	MoisturePercent Moisture	SED_METModified Elutriate Test Technique	SED_MET_DissModified Elutriate Test Technique, Diss	SED_SET_DissStandard Elutriate Test, Dissolved	8270E_LL/3520C_LVI_LL(MOD) 8270 Semivolatiles	8081B_LL/3510C_LL(MOD) 8081 Pesticides	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
C-4 DISCRETE ELUTRIATE (630-138167-30)	6/10/26	12 34 Eastern	G	Water								X	X					X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[redacted]	6/10/26 1425	[redacted]	[redacted]	6-18-26 0935	[redacted]
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 6
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 6 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL8082 PCBs	7196AChromium, Hexavalent	7196A_CR3Chromium, Trivalent	8270E_LL/Filtration_AC(MOD) 8270 Semivolatiles-Dissolved	8081B_LL/Filtration_AC(MOD) 8081 Pesticides-Dissolved	8082A_LL/Filtration_AC8082 PCBs-Dissolved	Total_PCB/Filtration_ACTotal PCB Calculation	9014/Filtration_ACCyanide-Dissolved	7196A/Filtration_ACChromium, Hexavalent-Dissolved	7196A_CR3/Filtration_ACChromium, Trivalent-Dissolved				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
C-4 DISCRETE ELUTRIATE (630-138167-30)	6/10/26	12 34 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	

Note Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/17/26 1425	EAP	[signature]	6-18-26 0935	EPI/TME
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22215.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422Grain Size w/ Hydrometer	2540GMoisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060AChromium, Hexavalent	7196A_CR3Chromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
C-1 (630-138167-2)	6/10/26	11:15 Eastern	G	Solid			X	X						1	
C-2 (630-138167-4)	6/10/26	11:52 Eastern	G	Solid			X	X						1	
C-3 (630-138167-6)	6/10/26	13:41 Eastern	G	Solid			X	X						1	
C-4 DISCRETE (630-138167-8)	6/10/26	12:34 Eastern	G	Solid			X	X	X	X	X	X	X	5	
C-5 (630-138167-10)	6/10/26	13:26 Eastern	G	Solid			X	X						1	
C-6 (630-138167-12)	6/10/26	10:56 Eastern	G	Solid			X	X						1	
C-7 (630-138167-14)	6/10/26	12:39 Eastern	G	Solid			X	X						1	
C-8 (630-138167-16)	6/10/26	13:13 Eastern	G	Solid			X	X						1	
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	X	X	X	X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	06/16/26 1808	EP	[signature]		
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 06/16/26 2145	Company [signature]

Custody Seals Intact: ☒ Yes ☐ No | Custody Seal No.: 4 / Batt-elle | Cooler Temperature(s) °C and Other Remarks: R: 3.9-5.1 C: 4.0-5.2

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22215.2
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422Grain Size w/ Hydrometer	2540GMoisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060AChromium, Hexavalent	7196A_CRJChromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	X	X	X	X	X	X	5	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	X	X	X	X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	06/16/26 1808	EP	[signature]		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	6/16/26 2145	[signature]

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 4/BatElle | Cooler Temperature(s) °C and Other Remarks: R:3.9-5.1 C:4.0-5.2

JM

Ver: 01/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/FIELD_FLTRDDissolved TAL Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE DISSOLVED (630-138167-31)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE DISSOLVED (630-138167-32)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE DISSOLVED (630-138167-33)	6/25/26	08:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE DISSOLVED (630-138167-34)	6/25/26	09:00 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/25/26 1300	EAME		6/25/26 1410	ECLE
2		6/25/26 1946	ECLE		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 6/25/26 1946	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-3
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Elutriate - Total	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005ATAL Metals	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE TOTAL (630-138167-24)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE TOTAL (630-138167-26)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE TOTAL (630-138167-28)	6/25/26	07:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE TOTAL (630-138167-30)	6/25/26	07:30 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 6/25/26 1300	Company: EAL	Received by:	Date/Time: 6/25/26 1410	Company: EAL		
Relinquished by:	Date/Time: 6/25/26 1946	Company: EAL	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 6/25/26 1946	Company:		
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6				

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A [redacted]		State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Sesolid, Owaste/oil, BTeTissue, AnAir)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Lloyd_Kahn:Lloyd Kahn TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X		X	
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: James J. Hinkelman	Date/Time: 6/30/26 14:00	Company: EATN	Received by: [signature]	Date/Time: 6/30/26 1420	Company: ELLE
Relinquished by: [signature]	Date/Time: 6/30/26 1850	Company: ELLE	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 6/30/26 1850	Company: ELLE

Custody Seals Intact: ☑ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.0/3.5

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-2
Address: 2425 New Holland Pike,	Due Date Requested: 7/1/2026	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Composites, Discrete	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422/Grain Size w/ Hydrometer	2540G/Moisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060A Chromium, Hexavalent	7196A_CR3/Chromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

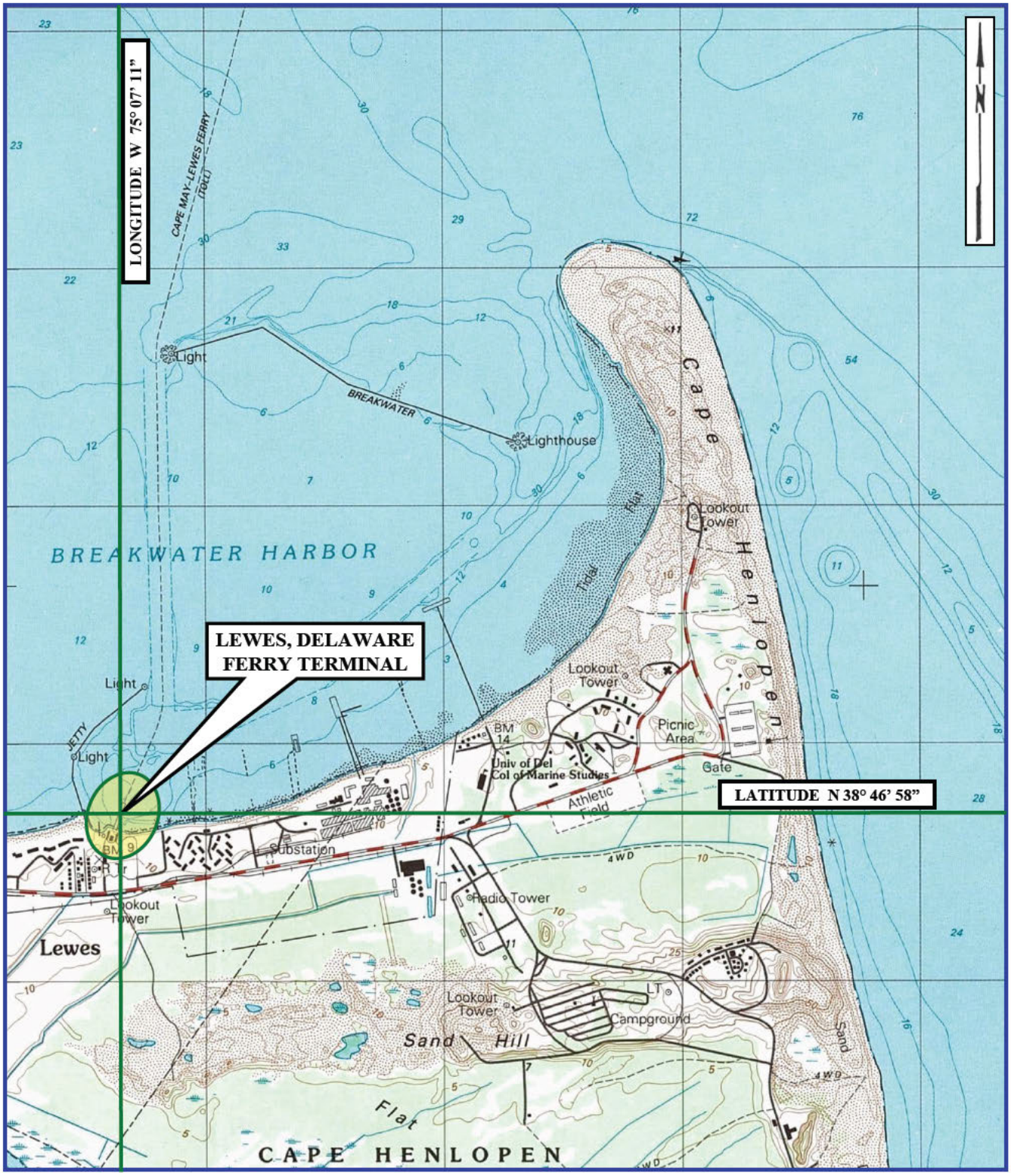
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	6/30/26 14:00	EPHNE	[signature]	6/30/26 1420	ELLE
2	[signature]	6/30/26 1850	ELLE			
3				[signature]	6/30/26 1850	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☐ Yes ☐ No		3.0/3.5

Ver: 03/20/2026

SECTION 5

USGS LOCATION PLANS



PROJECT SITE LOCATION MAP

UNITED STATES GEOLOGIC SURVEY QUADRANGLE

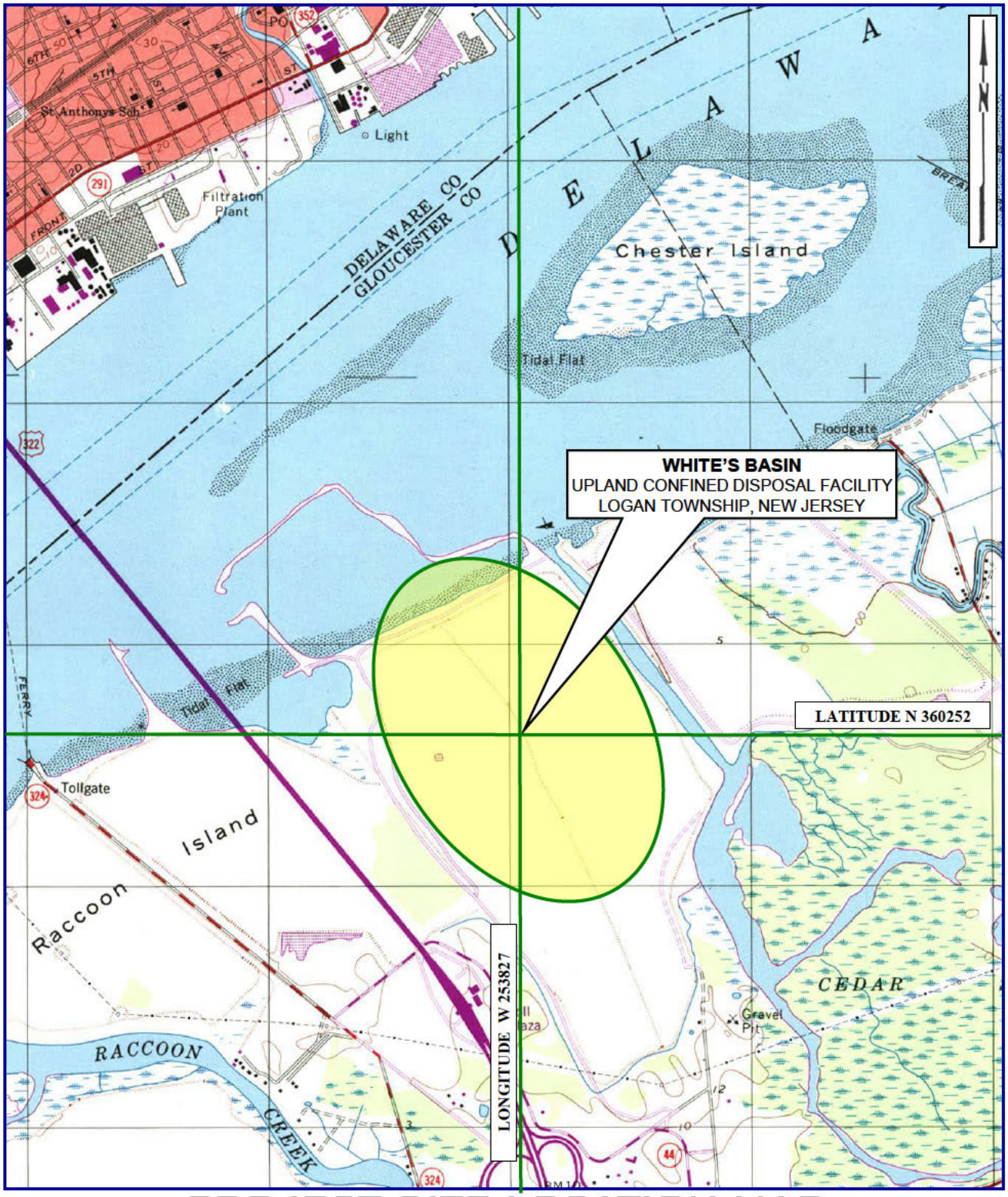
CAPE HENLOPEN, DE

SCALE 1:24000

DELAWARE RIVER AND BAY AUTHORITY

26-073

S. T. HUDSON ENGINEERS, INC.
PROFESSIONAL ENGINEERS & CONSULTANTS



PROJECT SITE LOCATION MAP

UNITED STATES GEOLOGIC SURVEY QUADRANGLE

BRIDGEPORT, NEW JERSEY – PENNSYLVANIA

SCALE 1:24000 (1"=2000')

NJDEP

26-073

S. T. HUDSON ENGINEERS, INC.

SECTION 6

SAMPLING PLAN
&
SAMPLING PLAN APPROVAL FORM

DGE DEPTH
FT. (MLW)

DREDGE LIMITS (TYP.)

SC-3
(C-5+C-6+C-8)

DREDGE LIMITS (TYP.)

C-4 (DISCRETE)

DELAWARE BAY

DREDGE LIMITS (TYP.)

C-5

C-8

C-7

C-6

BREAKWATER

DREDGE DEPTH -11.0 FT.
+ 1.0 FT. OVER DREDGE
(MLW)

C-3

APPROXIMATE EDGE OF CHANNEL

APPROXIMATE CENTERLINE OF CHANNEL

APPROXIMATE EDGE OF CHANNEL

DREDGE LIMITS (TYP.)

DREDGE LIMITS (TYP.)

SC-2
(C-3+C-7)

W 5 + 00 | W 6 + 00 | N 4 + 00 | W 7 + 00 | W 8 + 00 | W 9 + 00 | W 10 + 00 | W 4 + 00 | 0 + 00 | N 1 + 00 | N 2 + 00 | N 3 + 00 | N 5 + 00 | N 6 + 00 | N 7 + 00 | N 8 + 00 | N 9 + 00 | N 10 + 00 | N 11 + 00 | N 12 + 00 | N 13 + 00 | N 14 + 00 | N 15 + 00 | N 16 + 00

W 3 + 00 | W 2 + 00 | W 1 + 00 | 0 + 00 | E 1 + 00 | E 2 + 00 | E 3 + 00 | E 4 + 00 | E 5 + 00 | E 6 + 00

W 10 + 00 | W 9 + 00 | W 8 + 00 | W 7 + 00 | W 6 + 00 | W 5 + 00 | W 4 + 00 | W 3 + 00 | W 2 + 00 | W 1 + 00 | 0 + 00 | E 1 + 00 | E 2 + 00 | E 3 + 00 | E 4 + 00 | E 5 + 00 | E 6 + 00

TES:

ON SENSOR FOR POSITIONING, HEADING,
'IGATION SATELLITE SYSTEM (GNSS) WITH AN
EASUREMENT SYSTEM (GAMS), AND APPLANIX

T THE SONAR HEAD MOUNT

VIBLE VIRTUAL REVERENCE STATION
RTH AMERICAN VERTICAL DATUM OF 1988

FROM NATIONAL OCEANIC AND
SCALE 1:10,000

AND EXPRESSED IN FEET AND TENTHS OF A

LIMITED SOFTWARE, TERRAMODEL VERSION

GE DEPTH

HE RESULTS OF SURVEYS CONDUCTED ON THE
ATING THE GENERAL CONDITIONS EXISTING AT

L DRAWINGS. (NOT VERIFIED)

DATUM CHART

TOP OF S.S.P. @ E 1+00 EL. 10.58 MLW

NAVD 88 +2.79'

MEAN LOW WATER (MLW) 0.0

10.58'

2.79'

SURVEY PLAN

1" = 60'-0"

0 60 120 180

CORE SAMPLING NOTES:

1. FOR CORE SAMPLE LOCATIONS, SEE "ACTUAL LOCATIONS VIA DGPS" IN THE SAMPLE LOCATION CHART.
2. CORE SAMPLES WERE TAKEN ON JUNE 10, 2026

TOTAL DREDGE AREA = 416,137 SQUARE FEET

TOTAL DREDGE VOLUME = 50,945 CUBIC YARDS
(INCLUDING +1' OVER DREDGE MLW)

CORE SAMPLE LOCATION CHART

CALCULATED LOCATIONS VIA PLAN			ACTUAL LOCATIONS VIA DGPS	
NORTHING	EASTING	I.D.	NORTHING	EASTING
285862.9719	741363.1926	**C-3-SC-2**	285875.34	741345.28
285294.5456	740731.2176	**C-4**	285292.25	740712.27
286060.8128	740949.0197	**C-5-SC-3**	286081.56	740949.77
286327.6429	741112.3790	**C-6-SC-3**	286337.61	741119.30
285708.6818	741095.0573	**C-7-SC-2**	285701.48	741110.58
285854.7760	740968.5165	**C-8-SC-3**	285854.44	740988.00

no.	by/date	description
4		
3	BY/DATE	REVISED C-1 & C-2 DREDGE AREA PER NEW SURVEY
2	SYSTEM	ACTUAL SAMPLING LOCATIONS
1	VVVM	REVISED SAMPLING LOCATIONS PER NJDOT
rev.	date	ADJUSTED DREDGE AREA SQUARE FOOTAGE
STAFF	MP	MP
by	DJD	DJD
dept.	CM	CM

approvals

approved by	for	date

seal seal

Drawings issued in electronic form are provided for the convenience of the recipient and are used at the sole risk of the user. Reliance may be placed only on hard copies of drawings issued by S.T. Hudson Engineers. In the event of any discrepancy, the hard copy will govern.

S.T. HUDSON ENGINEERS, INC.
PROFESSIONAL ENGINEERS & CONSULTANTS
900 Dudley Avenue
Cherry Hill, N.J. 08002
[redacted]

DELAWARE RIVER & BAY AUTHORITY
CAPE MAY-LEWES FERRY
LEWES TERMINAL

drawn	DJD	date	MAR. 17, 2026
checked	PF	FILE	D-1606
drftg. approval	TK		

contract 26-073

LEWES TERMINAL — dwg. no. 1 — rev. 4

SAMPLING PLAN

OFFICE OF DREDGING & SEDIMENT TECHNOLOGY

TIDAL SEDIMENT SAMPLING AND ANALYSIS PLAN TEMPLATE

(V.5.2)

The major objective of a sediment sampling and analysis plan (SSAP) is to accurately characterize the horizontal and vertical distribution of the physical/geotechnical properties and contaminant concentrations of the sediment to be dredged.

This document serves as the template to develop the SSAP for a proposed dredging project by identifying the information required by the Department to review, and ultimately approve, the SSAP. The required information must be provided by entering it into the spaces provided in this template. See page 3 for a list of attachments required to be submitted. Note that clickable links to rule sets, remediation standards, etc., are provided throughout this document. Please submit the completed electronic application package to [redacted]

The SSAP for a dredging project must be approved by the Department prior to the collection and analysis of any sediment samples. Once the final SSAP has been approved by the Department, the applicant may conduct sampling in conformance with the plan. Approval of the SSAP will be indicated by the signature of Department staff on page 12 of the completed template.

If any sediment samples are collected and analyzed without prior Department approval, it is done so at risk, as any such samples may or may not be considered by the Department in making regulatory decisions regarding the proposed project.

For additional information on tidal dredging projects, see The Management and Regulation of Dredging Activities and Dredged Material in New Jersey's Tidal Waters found in Appendix G of the Coastal Zone Management Rules (N.J.A.C. 7:7). This SSAP template incorporates much of what is required to be submitted by applicants in Appendix G as part of the permit application for a dredging project; however, additional information may be required on a project-specific basis.

If you have any questions, please contact the Department's Office of Dredging and Sediment Technology (ODST) by email at [redacted] or by phone at [redacted]

BEFORE COMPLETING THIS SSAP TEMPLATE:

Please determine if the proposed project qualifies for any of the testing exclusions identified in N.J.A.C. 7:7 Appendix G and contact ODST to receive a confirmation that the testing exclusion is applicable to the project.

SEDIMENT SAMPLING & ANALYSIS PLAN (SSAP)

FILE NUMBER REQUEST FORM

Dredge Site Information

Dredge Site Address: Lewes Ferry Terminal - 43 Cape Henlopen Dr.		County: Sussex
City: Lewes	State: DE	Zip: 19958
Site Block(s) & Lot(s): N/A		
Site NJ State Plane Coordinates	X: 38°46'52.84"N Y: 75° 7'8.48"W	
Project Description: The applicant proposes to dredge approximately 61,253 CY of material from the ferry terminal at a depth of -11.0 + 1.0 ft of over dredge. Material will be disposed of at a site owned by USACE located at approximately 38°57'23.20"N & 74°55'2.17"W. The Block and Lot of the CDF is B:753.01 L: 39.01.		
Previously Issued Permit No.(s) and if applicable, please provide a copy of the previous permit(s):		

Applicant Information

Applicant Name: Delaware River and Bay Authority		
Phone Number: [redacted]	Email Address: [redacted]	
Address: 2162 New Castle Ave		
City: New Castle	State: DE	Zip: 19720-0071

Agent Information

Agent Name: Clare Mueller		
Phone Number: [redacted]	Email Address: [redacted]	
Address: 900 Dudley Ave		
City: Cherry Hill	State: NJ	Zip: 08002

Submit the Following Attachments:

- A figure identifying the geographic location of the project site.
- Hydrographic/survey plans with the following:
  - Plan must depict existing water depths at **mean low water** (MLW).
  - Plan must identify project depths in feet below mean low water.
  - The notes section must state the date and time the hydrographic survey was conducted – **this must be within 6 months of the SSAP submittal date.**
  - Proposed dredge area must be outlined. Clearly identify areas of maintenance and/or new dredging
  - Identify the location of boat/vessel fueling stations within 500' of the project site.
  - Identify the locations of all outfalls or intakes within 500' of the project site.
  - Identify all in-water structures within and adjacent to the project site.
  - The proposed sample locations must be superimposed on the hydrographic survey unless you are requesting the Department to identify sample locations (see page 5).
  - See Appendix G, Chapter III-A-2 for more details.
- A copy of any previously issued dredging permits and approved plans.

Proposed Dredging Plan

Please provide project information in the spaces provided below and check all applicable boxes:

Type of Dredging:

☒ Maintenance (N.J.A.C. 7:7-12.6) ☐ New dredging (N.J.A.C. 7:7-12.7)

Method of Dredging:

☐ Hydraulic ☒ Mechanical ☐ Jetting technology

Project-specific Information:

Extent of area to be dredged (square feet): 976,630

Proposed depth(s) of dredging (feet below MLW): -11.0

Proposed *overdredge depth (feet below MLW): +1.0

Estimated volume of sediment to be dredged (no overdredge) (cubic yards): 39,917

Estimated volume of overdredge (cubic yards): 19,027

Total estimated total volume of sediment to be dredged (cubic yards): 61,273

Known contaminated spill(s) adjacent to dredge area:

N/A.

Overdredge Depth

Overdredge depth is allocated for any inaccuracies due to the equipment or operator during dredging operations. Overdredge shall not be used as a means to advance beyond maintenance dredging depths or the authorized dredge depth.

Dredged Material & Water Management

Sediment Placement Area:

Please check all applicable boxes and provide the location of the placement area or other identifying placement site information such as permit(s), CDF name, etc., in the space provided below:

- ☐ Onsite
- ☐ Engineering with nature project
- ☐ Agriculture site
- ☐ Processed dredged material facility (mixed with Portland cement)
- ☐ Landfill or site remediation project
- ☒ Confined disposal facility
- ☐ Other use:

Placement Site Location & Additional Information:

38°57'23.20"N & 74°55'2.17"W.

Dewatering Methodology:

Please check all applicable boxes and provide a specific location of the dewatering site and details on methodology in the space provided below:

- ☐ Upland temporary dewatering area (hay bales/silt fences or *other* – please elaborate below)
- ☐ Scow
- ☐ Filter press
- ☐ Geotubes
- ☐ Polymer (check if possible use and elaborate on polymer name, if known, below)
- ☒ Confined disposal facility
- ☐ Other method:

Dewatering Site Location & Additional Information:

No Dewatering.

Sediment Core Sample Locations

Guidance on determining the proper number of cores for a project and appropriate core locations can be found in Appendix G, Chapter III-D.

Request ODST to identify core sample locations? ☐ Yes ☒ No

Provide the information in the following table (or attach as separate sheet):

Sample ID Number	Location: Planned X*	Location: Planned Y*	Project Depth MLW	Proposed Overdredge
C-1	285330.8095	741258.4798	-11.0	+1.0
C-2	285483.0918	741385.6962	-11.0	+1.0
C-3	285862.9719	741363.1926	-11.0	+1.0
C-4	285294.5456	740731.2176	-8.0	+1.0
C-5	286060.8128	740949.0197	-11.0	+1.0
C-6	286327.6429	741112.3790	-11.0	+1.0
C-7	285708.6818	741095.0573	-11.0	+1.0
C-8	285854.7760	740968.5165	-11.0	+1.0

***Note**: All coordinates shall be in the NJ State Plane Coordinate System. The latitude and longitude of the planned sample locations can be approximated using NJ-GeoWeb or a similar mapping application.

Core Sample Compositing Scheme

Please refer to Appendix G, Chapter III-D for core composite guidance and rationale.

Request ODST to identify core sample compositing scheme? ☐ Yes ☒ No

Provide the information in the following table (or attach as separate sheet):

Composite Sample ID Number	Core Sample ID Numbers
SC-1	(C1+C2)
SC-2	(C3+C7)
SC-3	(C5+C6+C8)
C-4	C-4 DISCRETE

Page 7 to completed by NJDEP-ODST –

Proceed to Analytical Requirements section.

Required Sediment and Water Sampling Tests

Tier I – Physical/Geotechnical:

Required for all projects:

- ☒ Grain Size Distribution (ASTM D422 or D4381)
- ☒ Total Organic Carbon (USEPA 440.0, USEPA SW-846 9060A, or equivalent method)
- ☒ Water Content (ASTMD653, D2216, D4643, Standard Method 2540D, or equivalent method)

Representative subsamples of each homogenized core sample (or distinct strata) and composite analytical sample must be analyzed for Grain Size Distribution, Total Organic Carbon (TOC), and percent moisture. Samples are also subjected to Bulk Sediment Chemistry, Standard & Modified Elutriate, Synthetic Precipitation Leaching Procedure, and Structural Fill Protocol, as specified below.

Individual sediment core samples comprised of greater than **90% sand** (analyzed using the **hydrometer** method) are excluded from **Tier II Testing** and must not be composited with other sediment samples.

Tier II – Chemical Analysis:

- ☒ Bulk Sediment Chemistry
- ☒ Effluent (Modified) Elutriate
- ☐ Standard Elutriate

Tier III – Leaching Tests:

- ☐ Synthetic Precipitation Leaching Procedure (SPLP)
  - Run SPLP analysis on any Bulk Sediment Chemistry Analytes that exceed the Soil Remediation Standards for the Migration to Groundwater Exposure Pathway (N.J.A.C. 7:26D Appendix 1, Table 5). Then compare SPLP results to the Soil Leachate Remediation Standards for the Migration to Groundwater Exposure Pathway (N.J.A.C. 7:26D Appendix 1, Table 6).

- ☐ Structural Fill Protocol (addition of Portland cement to raw dredge material and analysis for bulk sediment chemistry and SPLP)
  - All compounds identified on the following page for Bulk Sediment Chemistry analysis must also be performed for amended material and SPLP - see page 10, Reporting Requirement No. 20.

***Disclaimer**: Additional analytical tests may be required by the proposed dredge material management site beyond those required by the Department's SSAP. For example, if dredge material is proposed to be disposed of at a landfill as ID27, the applicant may be required to analyze for additional parameters (Ignitability, Corrosivity, Reactive Sulfide, Reactive Cyanide) for the landfill to accept the material.*

Bulk Sediment Chemistry Analysis

- ☒ Semi-Volatile Compounds
- ☐ Volatile Organic Compounds (VOCs)
- ☐ Polychlorinated Dibenzo Dioxins and Furans (PCDDs and PCDFs; 17 congeners)
- ☒ Polychlorinated Biphenyls (PCBs): ☒ Aroclors ☐ PCB Congeners (209)
- ☒ Organochlorine Pesticides
- ☒ Inorganics (Metals) – Includes Hexavalent and Trivalent Chromium

Standard Elutriate and/or Modified Elutriate Analysis

- ☒ Semi-Volatile Compounds
- ☐ Volatile Organic Compounds (VOCs)
- ☐ Polychlorinated Dibenzo Dioxins and Furans (PCDDs and PCDFs; 17 congeners)
- ☒ Polychlorinated biphenyls (PCBs): ☒ Aroclors ☐ PCB Congeners (209)
- ☒ Organochlorine Pesticides
- ☒ Inorganics (Metals) – Includes Hexavalent and Trivalent Chromium

Analytical Requirements

All analytical procedures must be conducted by a laboratory certified by the Department to conduct that procedure pursuant to the Regulations Governing the Certification of Laboratories and Environmental Measurements (N.J.A.C. 7:18) or the National Environmental Laboratory Accreditation Program (NELAP). Use NJDEP DataMiner to verify the accreditation status of a laboratory by reviewing the laboratory's certificate and Annual Certified Parameter List issued by the NJDEP or you may contact the Office of Quality Assurance via email at [redacted] or by phone at [redacted] to verify the status of laboratory.

The achieved analytical detection limits for all contaminants in the Target Analyte List must be less than the applicable regulatory criteria and guidance values to which the data will be compared when evaluating the potential impacts of the proposed project. The laboratory method detection limits (MDLs) must not exceed the regulatory standard.

Sampling Plan Implementation Requirements

If implementation of the approved SSAP does not provide data that are representative of, or fully characterizes, the sediment to be dredged, the Department may require the collection and analyses of additional sediment samples. Sediment core sampling collection procedures must be consistent with those in the NJDEP Field Sampling Procedures Manual (2022).

1. The Department must be notified of any deviations from the approved SSAP prior to the homogenizing, compositing, and analysis of the collected sediment samples.

2. All sediment core sample collection activities must be properly documented. Detailed fieldnotes/observations during sampling must be documented in a field sampling logbook.

3. NJDEP GPS Data Collection Standards for GIS Data Development (2017) must be used for positioning methods when locating all sampling points.

4. All sampling equipment must be properly cleaned before and after the collection of each individual sediment core sample.

5. An inert plastic liner must be used in conjunction with each sediment core sampling device; this plastic liner must not be reused.

6. All individual sediment core samples are to be taken to the sediment characterization depth, as specified in this document, and not any deeper.

7. When collecting sediment core samples, the project applicant must ensure that a sufficient volume of sediment is collected to conduct all of the tests (physical and geotechnical, chemical) specified in the approved SSAP.

8. Individual sediment core samples must be photographed prior to homogenization, with the sample identification number, a length scale, and date included in the photograph.

9. Provide core logs showing the depth of sampling (below the sediment surface and mean low water) and a qualitative description of the sediment for each individual sediment core sample.

10. Only sediment core samples collected correctly may be homogenized, composited, and analyzed.

11. Individual sediment core samples may be homogenized in their entirety for analysis provided that there no distinct strata (apparent grain size distribution, composition, and visual characteristics) present that are greater than two (2) feet in depth. The Department shall be notified of any sediment core samples that show grain size stratification prior to homogenizing.

12. The entire sediment core sample (or distinct strata, when present) must be homogenized – “representative” sub-samples of a non-homogenized sediment core sample must not be collected, composited, and analyzed.

13. Individual sediment core samples may be composited only if the grain size distribution of the sediment is similar. Individual samples should not be composited if the percentage clay, silt, or sand differ by more than 20%. The Department shall be notified of any sediment core samples that show varying grain size distribution prior to compositing samples.

14. Representative subsamples of each homogenized core sample (or distinct strata) are combined inequal proportions (by mass) to form the composite analytical sample.

15. The sample preservation requirements and holding times for each analysis, as specified in the analytical methods used, must be adhered to, or proposed alternatives approved by the Department prior to analysis.

16. Sample Chain of Custody requirements must be consistent with those specified in the NJDEP Field Sampling Procedures Manual (2022).

17. If implementation of the approved SSAP does not provide data that are representative of, or fully characterizes, the sediment to be dredged, the Department may require the collection and analyses of additional sediment samples.

18. Analytical laboratories must follow all of the required QA/QC procedures specified in the analytical methods used. Any deviations from these procedures must be documented and justified in the Analytical Data Report.

19. All routine procedures associated with the sampling, handling, transport, storage, preservation, and analysis of the sediment should be specified in Standard Operating Procedure (SOP) documents maintained by the parties actually collecting and analyzing the sediment.

20. **For Structural Fill Protocol**:
    - The following two (2) tests are required:
        - For each core/composite sample/vertically stratified sample, a sample of the processed dredged material product will be created by combining measured amounts of proposed additive with a pre-weighed sample of the sediments to be dredged. The mixing time will, to the greatest extent possible, replicate the residence time in the blending facility/operation to be used in the actual full-scale project. The ratio of proposed additive to composite sediment sample, by weight, will be recorded. The dredged material product to be tested will be formed using the "recipe" (proportions of dredged material and proposed additive) which replicates the actual dredged material product to be used as structural fill on the site. The dredged material product will be pulverized, and each composite sample will be subjected to bulk sediment analyses.
        - The dredged material product samples will be pulverized, and each sample subjected to a Synthetic Precipitation Leaching Procedure (SPLP) using the USEPA Method 1312.
    - A final report must be submitted to the Department in a series of three (3) summary data tables: [1] Raw Sediment - Bulk Sediment Chemistry, [2] Dredged Material Product (Amended Material) - Bulk Sediment Chemistry, and [3] Dredged Material Product (Amended Material) - SPLP results.

Sample Collection & Laboratory Analysis

If known, **identify** the organizations that will conduct the following activities below:

Collection of samples: S.T. Hudson Engineers, Inc.

Lab analysis: Eurofin's Test America

Reporting Requirements

The sediment data package must be included in the Waterfront Development Permit application. Any data package submitted to the Department shall comply with the QA/QC requirements outlined in Appendix B of the Dredging Manual. The package must be provided electronically. The data package must include summary tables of the laboratory results and associated method detection limits (MDLs) in a spreadsheet format. The summary tables must present a comparison of the data to the Department's standards, including all interim standards, as applicable (see below tab. The summary tables must present data with identical units and highlight all results that exceed applicable criteria. Where a standard does not exist, N/A or NS should be listed in the corresponding cell. **Units for sediment analyses must be presented in milligrams per kilogram (mg/kg) and units for all water analyses must be presented in micrograms per liter (µg/L).**

In addition:

- PCB Aroclor data must provide a summation for detected analytes.
- PCB Congener data must be presented individually and summed.
- Dioxin data must be presented using current World Health Organization Toxic Equivalency Factors (WHO TEFs) with the calculated Toxic Equivalency (TEQ).
- Chromium Soil Cleanup Criteria (2010)

Chemical Test	Medium	Dredging & Dewatering Method & Placement Area	Criteria Comparison & Link	Units
Bulk Sediment Chemistry	Sediment	• All dredging/dewatering methods and placement areas • Jetting	2021 Soil Remediation Standards for the Ingestion-Dermal and Inhalation Exposure Pathway – Residential & Non-residential (N.J.A.C. 7:26D – Appendix 1, Tables 1-4)	mg/kg
		• Aquatic/habitat placement	2009 Ecological Screening Criteria Sediment Freshwater Criteria & Saline Water Criteria	
Standard & Modified Elutriate	Water	• Aquatic/habitat placement • Hydraulic dredging with direct discharge • CDF placement • Jetting	2023 Surface Water Quality Criteria for Toxic Substances – Freshwater (FW2) & Saline Water (SE & SC) Criteria (N.J.A.C. 7:9B)	µg/L
SPLP	Raw & Amended Sediment	• Any offsite beneficial reuse	Soil Leachate Remediation Standards for the Migration to Ground Water Exposure Pathway (N.J.A.C. 7:26D – Appendix 1, Table 6)	µg/L
Structural Fill Protocol (includes SPLP)	Amended Sediment	• Applicable for DM originating from NY/NJ Harbor	2021 Soil Remediation Standards for the Ingestion-Dermal and Inhalation Exposure Pathway – Residential & Non-residential (N.J.A.C. 7:26D – Appendix 1, Tables 1-4)	mg/kg

SSAP Certifications

Agent Certification:

☒ I certify that I provided accurate information and will comply with the requirements listed in the approved Sediment Sampling and Analysis Plan.

Name:	Clare Mueller
Date:	5/26/26
Signature:	Clare Mueller

Department Review & Approval:

☒ The Department hereby approves the Sediment Sampling and Analysis Plan dated for implementation.

☒ The project complies with the requirements of N.J.A.C. 7:7-4.14 Permit-by-registration 14 – Implementation of a sediment sampling plan for sampling in a water area as part of a dredging or dredged material management activity or as part of a remedial investigation of a contaminated site. The applicant must register for this permit by emailing [redacted] and providing all information required under N.J.A.C. 7:7-3.5(b).

☐ This project does not qualify for N.J.A.C. 7:7-4.14 Permit-by-registration 14. Additional permits are necessary to implement the project such as N.J.A.C. 7:7-6.23 General permit 23 – Geotechnical survey borings or a Waterfront Development Individual In-water Permit.

DLRP File & Activity No.	9999-26-0002.1 - DRG260001
Approved Core Locations Depicted on the Following Plans:	"DELAWARE RIVER & BAY AUTHORITY; CAPE MAY-LEWES FERRY; LEWES TERMINAL," - SAMPLING PLAN, dwg. no. 1, rev. 2. Dated 3/17/26, last revised 5/27/26.
ODST Staff:	Serena Lutz
Approval Date:	6/4/2026
Signature:	Serena Lutz

SECTION 7

MATERIAL ACCEPTANCE LETTER

September 10, 2026

Eric Dickerson -Manager of Environmental Services
S.T. Hudson Engineers, Inc.
900 Dudley Avenue
Cherry Hill, New Jersey 08002

RE: Material Acceptance
Delaware River & Bay Authority
Cape May – Lewes Ferry
Lewes Terminal -Delaware

Dear Mr. Dickerson:

Weeks Marine, Inc.'s -Dredging Division is of the understanding that the Delaware River & Bay Authority is planning for the removal of approximately 50,945-CY of material from the Cape May - Lewes Ferry Terminal located at 43 Cape Henlopen Drive, Lewe Delaware.

Weeks Marine, Inc. (Weeks) was provided with copies of the following documents for review to determine if the material is acceptable for placement at our Whites Basin Dredged Material Rehandling Facility (Whites Basin):

- Approved Sediment Sampling & Analysis Plan dated March 26,2026
- Survey Plan dated March 17, 2026 which included core sample locations and dredge limits
- Bulk Sediment Chemistry

Based upon review of the sediment sampling analytical results, all compounds detected were below our operating permit levels and the material is acceptable for placement at our Whites Basin should Weeks be awarded the project.

Upon receipt of all required agency approvals and after all commercial terms have been satisfied, this material will be accepted into Whites Basin.

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

Sincerely,

N. Bret Fischer
Weeks Marine, Inc.

cc. Hannah Madison

SECTION 8

ANALYTICAL DREDGED MATERIAL CHARACTERIZATION REPORT

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Ferry
ST Hudson Engineers
900 Dudley Avenue
Cherry Hill, New Jersey 08002

Generated 6/30/2026 7:41:36 AM

JOB DESCRIPTION

DRBA Lewes Ferry Terminal - SW/FB

JOB NUMBER

630-138117-1

EurofinsPhiladelphia
795 Horsham Road
Horsham PA 19044-0962

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager or designee who has signed this report.

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

Authorization



Generated
6/30/2026 7:41:36 AM

Authorized for release by
Erin Dougherty, Project Administrator
[redacted]

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 15
QC Sample Results 16
QC Association Summary 30
Lab Chronicle 33
Certification Summary 34
Method Summary 35
Sample Summary 36
Chain of Custody 37
Receipt Checklists 41

Definitions/Glossary

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
630-138117-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 6/11/2026 8:46 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

GC/MS Semi VOA
Method EPA 8270E LL: The continuing calibration verification (CCV) analyzed in 180-515161 was outside the method criteria for the following analyte(s): N-Nitrosodimethylamine and Pentachlorophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

PCBs
Method EPA 8082A: The continuing calibration verification (CCV) associated with 180-515118 recovered low and outside the control limits for surrogate TCMX on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCVIS 180-515118/26).

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

Pesticides
Method EPA 8081B LL: The continuing calibration verification (CCV) associated with 180-515112 recovered high and outside the control limits for 4,4-DDT on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCVIS 180-515112/6).

Method EPA 8081B LL: The continuing calibration verification (CCV) associated with batch 180-515112 recovered above the upper control limit for heptachlor and methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method EPA 8081B LL: The chlordaneAnalytes> on one column. Results are confirmed on both columns and hits were reported from the passing column. The associated sample is: (CCV 180-515112/3).

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

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

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

Detection Summary

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Job ID: 630-138117-1

Client Sample ID: SITE WATER — Lab Sample ID: 630-138117-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.0023	J	0.0096	0.0020	mg/L	1		EPA 8270E LL	Total/NA
Caprolactam	0.0015	J	0.0048	0.00065	mg/L	1		EPA 8270E LL	Total/NA
Di-n-butyl phthalate	0 00051	J	0.00096	0.00036	mg/L	1		EPA 8270E LL	Total/NA
Diethyl phthalate	0.00036	J	0.00096	0.00024	mg/L	1		EPA 8270E LL	Total/NA
Naphthalene	0.000087	J	0.00018	0.000057	mg/L	1		EPA 8270E LL	Total/NA
Aluminum	0.35		0.025	0.012	mg/L	1		6020B	Total Recoverable
Arsenic	0.0023		0.0020	0.00068	mg/L	1		6020B	Total Recoverable
Barium	0.011		0.0020	0.00075	mg/L	1		6020B	Total Recoverable
Calcium	370		10	5.0	mg/L	100		6020B	Total Recoverable
Chromium	0.0010	J	0.0020	0.00055	mg/L	1		6020B	Total Recoverable
Cobalt	0.00023	J	0.00050	0.00016	mg/L	1		6020B	Total Recoverable
Copper	0.0011		0.0010	0.00085	mg/L	1		6020B	Total Recoverable
Iron	0.47		0.050	0.020	mg/L	1		6020B	Total Recoverable
Lead	0.00062		0.00050	0.00012	mg/L	1		6020B	Total Recoverable
Magnesium	1100		5.0	1.6	mg/L	100		6020B	Total Recoverable
Manganese	0.021		0.0020	0.0012	mg/L	1		6020B	Total Recoverable
Nickel	0.00086	J	0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Potassium	340		20	6.5	mg/L	100		6020B	Total Recoverable
Selenium	0.00058	J	0.0010	0.00028	mg/L	1		6020B	Total Recoverable
Sodium	9100	^2	20	9.0	mg/L	100		6020B	Total Recoverable
Vanadium	0.0025	J	0.0040	0.00079	mg/L	1		6020B	Total Recoverable

Client Sample ID: FIELD BLANK — Lab Sample ID: 630-138117-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	0.0014	J	0.0048	0.00065	mg/L	1		EPA 8270E LL	Total/NA
Di-n-butyl phthalate	0.00063	J	0.00096	0.00036	mg/L	1		EPA 8270E LL	Total/NA
Diethyl phthalate	0.00033	J	0.00096	0.00024	mg/L	1		EPA 8270E LL	Total/NA
Naphthalene	0.00012	J	0.00018	0.000057	mg/L	1		EPA 8270E LL	Total/NA
Calcium	0.11		0.10	0.050	mg/L	1		6020B	Total Recoverable
Magnesium	0.019	J	0.050	0.016	mg/L	1		6020B	Total Recoverable
Sodium	0.27		0.20	0.090	mg/L	1		6020B	Total Recoverable
Zinc	0.0048	J	0.010	0.0040	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Client Sample ID: SITE WATER
Lab Sample ID: 630-138117-1
Date Collected: 06/10/26 15:00
Matrix: Water
Date Received: 06/11/26 08:46

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.00096	U	0.00096	0.00014	mg/L		06/16/26 20:19	06/18/26 19:40	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00020	mg/L		06/16/26 20:19	06/18/26 19:40	1
1,2,4,5-Tetrachlorobenzene	0.00096	U	0.00096	0.00014	mg/L		06/16/26 20:19	06/18/26 19:40	1
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00021	mg/L		06/16/26 20:19	06/18/26 19:40	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00023	mg/L		06/16/26 20:19	06/18/26 19:40	1
1,4-Dioxane	0.0019	U	0.0019	0.00060	mg/L		06/16/26 20:19	06/18/26 19:40	1
1,2-Diphenylhydrazine(as Azobenzene)	0.00096	U	0.00096	0.00019	mg/L		06/16/26 20:19	06/18/26 19:40	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00023	mg/L		06/16/26 20:19	06/18/26 19:40	1
2-Chloronaphthalene	0.00018	U	0.00018	0.000057	mg/L		06/16/26 20:19	06/18/26 19:40	1
2-Chlorophenol	0.00096	U	0.00096	0.00022	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,3,4,6-Tetrachlorophenol	0.00096	U	0.00096	0.00031	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,4-Dichlorophenol	0.00018	U	0.00018	0.000049	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,4-Dimethylphenol	0.00096	U	0.00096	0.00056	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,4-Dinitrophenol	0.0096	U	0.0096	0.0031	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,4-Dinitrotoluene	0.00096	U	0.00096	0.00034	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,6-Dinitrotoluene	0.00096	U	0.00096	0.00017	mg/L		06/16/26 20:19	06/18/26 19:40	1
2-Methylnaphthalene	0.00018	U	0.00018	0.000060	mg/L		06/16/26 20:19	06/18/26 19:40	1
2-Methylphenol	0.00096	U	0.00096	0.00054	mg/L		06/16/26 20:19	06/18/26 19:40	1
Methylphenol, 3 & 4	0.00096	U	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 19:40	1
2-Nitroaniline	0.0048	U	0.0048	0.00053	mg/L		06/16/26 20:19	06/18/26 19:40	1
3-Nitroaniline	0.0048	U	0.0048	0.00042	mg/L		06/16/26 20:19	06/18/26 19:40	1
4-Nitroaniline	0.0048	U	0.0048	0.00035	mg/L		06/16/26 20:19	06/18/26 19:40	1
2-Nitrophenol	0.00096	U	0.00096	0.00019	mg/L		06/16/26 20:19	06/18/26 19:40	1
4-Nitrophenol	0.0048	U	0.0048	0.00090	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,2'-oxybis[1-chloropropane]	0.00018	U	0.00018	0.00012	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,4,5-Trichlorophenol	0.00096	U	0.00096	0.00024	mg/L		06/16/26 20:19	06/18/26 19:40	1
2,4,6-Trichlorophenol	0.00096	U	0.00096	0.00022	mg/L		06/16/26 20:19	06/18/26 19:40	1
4-Chloro-3-methylphenol	0.00096	U	0.00096	0.00042	mg/L		06/16/26 20:19	06/18/26 19:40	1
4-Chlorophenyl phenyl ether	0.00096	U	0.00096	0.00021	mg/L		06/16/26 20:19	06/18/26 19:40	1
4,6-Dinitro-2-methylphenol	0.0048	U	0.0048	0.0014	mg/L		06/16/26 20:19	06/18/26 19:40	1
Cresols, Total	0.0019	U	0.0019	0.00074	mg/L		06/16/26 20:19	06/18/26 19:40	1
Acenaphthene	0.00018	U	0.00018	0.000063	mg/L		06/16/26 20:19	06/18/26 19:40	1
Acenaphthylene	0.00018	U	0.00018	0.000063	mg/L		06/16/26 20:19	06/18/26 19:40	1
Acetophenone	0.00096	U	0.00096	0.00015	mg/L		06/16/26 20:19	06/18/26 19:40	1
Aniline	0.00096	U	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 19:40	1
Anthracene	0.00018	U	0.00018	0.000047	mg/L		06/16/26 20:19	06/18/26 19:40	1
Atrazine	0.00096	U	0.00096	0.00028	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzaldehyde	0.00096	U	0.00096	0.00052	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzidine	0.019	U	0.019	0.0088	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzo[a]anthracene	0.00018	U	0.00018	0.000072	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzo[b]fluoranthene	0.00018	U	0.00018	0.000093	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzo[k]fluoranthene	0.00018	U	0.00018	0.000085	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzoic acid	0.0048	U	0.0048	0.0024	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzo[g,h,i]perylene	0.00018	U	0.00018	0.000066	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzo[a]pyrene	0.00018	U	0.00018	0.00012	mg/L		06/16/26 20:19	06/18/26 19:40	1
Bis(2-chloroethoxy)methane	0.00096	U	0.00096	0.00015	mg/L		06/16/26 20:19	06/18/26 19:40	1
Bis(2-chloroethyl)ether	0.00018	U	0.00018	0.00013	mg/L		06/16/26 20:19	06/18/26 19:40	1
Bis(2-ethylhexyl) phthalate	**0.0023**	**J**	0.0096	0.0020	mg/L		06/16/26 20:19	06/18/26 19:40	1
4-Bromophenyl phenyl ether	0.00096	U	0.00096	0.00031	mg/L		06/16/26 20:19	06/18/26 19:40	1

Client Sample ID: SITE WATER
Lab Sample ID: 630-138117-1
Date Collected: 06/10/26 15:00
Matrix: Water
Date Received: 06/11/26 08:46

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.0019	U	0.0019	0.00090	mg/L		06/16/26 20:19	06/18/26 19:40	1
Caprolactam	**0.0015**	**J**	0.0048	0.00065	mg/L		06/16/26 20:19	06/18/26 19:40	1
Carbazole	0.00018	U	0.00018	0.000049	mg/L		06/16/26 20:19	06/18/26 19:40	1
4-Chloroaniline	0.00096	U	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 19:40	1
Chrysene	0.00018	U	0.00018	0.000078	mg/L		06/16/26 20:19	06/18/26 19:40	1
Dibenz(a,h)anthracene	0.00018	U	0.00018	0.000069	mg/L		06/16/26 20:19	06/18/26 19:40	1
Dibenzofuran	0.00096	U	0.00096	0.00018	mg/L		06/16/26 20:19	06/18/26 19:40	1
Di-n-butyl phthalate	**0.00051**	**J**	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 19:40	1
Di-n-octyl phthalate	0.00096	U	0.00096	0.00066	mg/L		06/16/26 20:19	06/18/26 19:40	1
Diethyl phthalate	**0.00036**	**J**	0.00096	0.00024	mg/L		06/16/26 20:19	06/18/26 19:40	1
Dimethyl phthalate	0.0019	U	0.0019	0.00019	mg/L		06/16/26 20:19	06/18/26 19:40	1
Fluoranthene	0.00018	U	0.00018	0.000058	mg/L		06/16/26 20:19	06/18/26 19:40	1
Fluorene	0.00018	U	0.00018	0.000066	mg/L		06/16/26 20:19	06/18/26 19:40	1
Hexachlorobenzene	0.00018	U	0.00018	0.000054	mg/L		06/16/26 20:19	06/18/26 19:40	1
Hexachlorobutadiene	0.00018	U	0.00018	0.00015	mg/L		06/16/26 20:19	06/18/26 19:40	1
Hexachlorocyclopentadiene	0.00096	U	0.00096	0.00048	mg/L		06/16/26 20:19	06/18/26 19:40	1
Hexachloroethane	0.00096	U	0.00096	0.00031	mg/L		06/16/26 20:19	06/18/26 19:40	1
Indeno[1,2,3-cd]pyrene	0.00018	U	0.00018	0.000082	mg/L		06/16/26 20:19	06/18/26 19:40	1
Isophorone	0.00096	U	0.00096	0.00018	mg/L		06/16/26 20:19	06/18/26 19:40	1
Naphthalene	**0.000087**	**J**	0.00018	0.000057	mg/L		06/16/26 20:19	06/18/26 19:40	1
Nitrobenzene	0.0019	U	0.0019	0.00048	mg/L		06/16/26 20:19	06/18/26 19:40	1
N-Nitrosodimethylamine	0.00096	U	0.00096	0.00025	mg/L		06/16/26 20:19	06/18/26 19:40	1
N-Nitrosodiphenylamine	0.00096	U	0.00096	0.00024	mg/L		06/16/26 20:19	06/18/26 19:40	1
N-Nitrosodi-n-propylamine	0.00018	U	0.00018	0.000068	mg/L		06/16/26 20:19	06/18/26 19:40	1
Pentachlorophenol	0.0048	U	0.0048	0.00081	mg/L		06/16/26 20:19	06/18/26 19:40	1
Phenanthrene	0.00018	U	0.00018	0.00015	mg/L		06/16/26 20:19	06/18/26 19:40	1
Phenol	0.00096	U	0.00096	0.00047	mg/L		06/16/26 20:19	06/18/26 19:40	1
Pyrene	0.00018	U	0.00018	0.00011	mg/L		06/16/26 20:19	06/18/26 19:40	1
Pyridine	0.0019	U	0.0019	0.0011	mg/L		06/16/26 20:19	06/18/26 19:40	1
Benzyl alcohol	0.0048	U	0.0048	0.0016	mg/L		06/16/26 20:19	06/18/26 19:40	1
3,3'-Dichlorobenzidine	0.00096	U	0.00096	0.00056	mg/L		06/16/26 20:19	06/18/26 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*27 - 105*	*06/16/26 20:19*	*06/18/26 19:40*	*1*
2-Fluorophenol (Surr)	*88*		*16 - 111*	*06/16/26 20:19*	*06/18/26 19:40*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*18 - 128*	*06/16/26 20:19*	*06/18/26 19:40*	*1*
Nitrobenzene-d5 (Surr)	*89*		*22 - 113*	*06/16/26 20:19*	*06/18/26 19:40*	*1*
Phenol-d5 (Surr)	*93*		*27 - 105*	*06/16/26 20:19*	*06/18/26 19:40*	*1*
Terphenyl-d14 (Surr)	*101*		*24 - 128*	*06/16/26 20:19*	*06/18/26 19:40*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0000013	U	0.0000013	0.00000035	mg/L		06/17/26 00:12	06/17/26 13:06	1
alpha-BHC (1C)	0.0000013	U	0.0000013	0.00000023	mg/L		06/17/26 00:12	06/17/26 13:06	1
beta-BHC (1C)	0.0000013	U	0.0000013	0.00000036	mg/L		06/17/26 00:12	06/17/26 13:06	1
delta-BHC (1C)	0.0000013	U	0.0000013	0.00000062	mg/L		06/17/26 00:12	06/17/26 13:06	1

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Client Sample ID: SITE WATER
Lab Sample ID: 630-138117-1
Date Collected: 06/10/26 15:00
Matrix: Water
Date Received: 06/11/26 08:46

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane) (1C)	0.0000013	U	0.0000013	0.0000002 8	mg/L		06/17/26 00:12	06/17/26 13:06	1
cis-Chlordane (1C)	0.0000013	U	0.0000013	0.0000003 6	mg/L		06/17/26 00:12	06/17/26 13:06	1
trans-Chlordane (1C)	0.0000013	U	0.0000013	0.0000009 1	mg/L		06/17/26 00:12	06/17/26 13:06	1
Chlordane (technical) (1C)	0 000012	U	0 000012	0 0000070	mg/L		06/17/26 00 12	06/17/26 13 06	1
4,4'-DDD (1C)	0.0000013	U	0.0000013	0.0000005 2	mg/L		06/17/26 00:12	06/17/26 13:06	1
4,4'-DDE (1C)	0.0000013	U	0.0000013	0.0000007 0	mg/L		06/17/26 00:12	06/17/26 13:06	1
4,4'-DDT (1C)	0.0000013	U	0.0000013	0.0000006 7	mg/L		06/17/26 00:12	06/17/26 13:06	1
Dieldrin (1C)	0.0000013	U	0.0000013	0.0000002 7	mg/L		06/17/26 00:12	06/17/26 13:06	1
Endosulfan I (1C)	0.0000013	U	0.0000013	0.0000006 7	mg/L		06/17/26 00:12	06/17/26 13:06	1
Endosulfan II (1C)	0.0000013	U	0.0000013	0.0000009 1	mg/L		06/17/26 00:12	06/17/26 13:06	1
Endosulfan sulfate (1C)	0.0000013	U	0.0000013	0.0000006 2	mg/L		06/17/26 00:12	06/17/26 13:06	1
Endrin (1C)	0.0000013	U	0.0000013	0.0000002 2	mg/L		06/17/26 00:12	06/17/26 13:06	1
Endrin aldehyde (1C)	0.0000013	U	0.0000013	0.0000005 0	mg/L		06/17/26 00:12	06/17/26 13:06	1
Endrin ketone (1C)	0.0000013	U	0.0000013	0.0000009 7	mg/L		06/17/26 00:12	06/17/26 13:06	1
Heptachlor (1C)	0.0000013	U	0.0000013	0.0000004 4	mg/L		06/17/26 00:12	06/17/26 13:06	1
Heptachlor epoxide (1C)	0.0000013	U	0.0000013	0.0000003 3	mg/L		06/17/26 00:12	06/17/26 13:06	1
Methoxychlor (1C)	0.0000013	U	0.0000013	0.0000007 5	mg/L		06/17/26 00:12	06/17/26 13:06	1
Mirex (1C)	0.0000013	U	0.0000013	0.0000004 5	mg/L		06/17/26 00:12	06/17/26 13:06	1
Toxaphene (1C)	0.000097	U	0.000097	0.000048	mg/L		06/17/26 00:12	06/17/26 13:06	1
Endosulfan, Total (1C)	0.0000025	U	0.0000025	0.0000009 7	mg/L		06/17/26 00:12	06/17/26 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*84*		*11 - 150*	*06/17/26 00:12*	*06/17/26 13:06*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*97*		*11 - 150*	*06/17/26 00:12*	*06/17/26 13:06*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*76*		*17 - 142*	*06/17/26 00:12*	*06/17/26 13:06*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*80*		*17 - 142*	*06/17/26 00:12*	*06/17/26 13:06*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0000097	U	0.0000097	0.0000046	mg/L		06/17/26 00:12	06/17/26 13:57	1
PCB-1221 (1C)	0.0000097	U	0.0000097	0.0000056	mg/L		06/17/26 00:12	06/17/26 13:57	1
PCB-1232 (1C)	0.0000097	U	0.0000097	0.0000051	mg/L		06/17/26 00:12	06/17/26 13:57	1
PCB-1242 (1C)	0.0000097	U	0.0000097	0.0000035	mg/L		06/17/26 00:12	06/17/26 13:57	1
PCB-1248 (1C)	0.0000097	U	0.0000097	0.0000078	mg/L		06/17/26 00:12	06/17/26 13:57	1
PCB-1254 (1C)	0.0000097	U	0.0000097	0.0000044	mg/L		06/17/26 00:12	06/17/26 13:57	1
PCB-1260 (1C)	0.0000097	U	0.0000097	0.0000038	mg/L		06/17/26 00:12	06/17/26 13:57	1

Client Sample ID: SITE WATER
Lab Sample ID: 630-138117-1

Date Collected: 06/10/26 15:00
Matrix: Water
Date Received: 06/11/26 08:46

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*79*		*23 - 133*	*06/17/26 00:12*	*06/17/26 13:57*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*80*		*23 - 133*	*06/17/26 00:12*	*06/17/26 13:57*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*71*		*20 - 133*	*06/17/26 00:12*	*06/17/26 13:57*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*76*		*20 - 133*	*06/17/26 00:12*	*06/17/26 13:57*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0000097	U	0.0000097	0.0000078	mg/L			06/17/26 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.35**		0.025	0.012	mg/L		06/24/26 07:20	06/24/26 16:56	1
Antimony	0.0010	U	0.0010	0.00020	mg/L		06/24/26 07:20	06/24/26 16:56	1
Arsenic	**0.0023**		0.0020	0.00068	mg/L		06/24/26 07:20	06/24/26 16:56	1
Barium	**0.011**		0.0020	0.00075	mg/L		06/24/26 07:20	06/24/26 16:56	1
Beryllium	0.00050	U	0.00050	0.00012	mg/L		06/24/26 07:20	06/24/26 16:56	1
Cadmium	0.00050	U	0.00050	0.00015	mg/L		06/24/26 07:20	06/24/26 16:56	1
Calcium	**370**		10	5.0	mg/L		06/24/26 07:20	06/24/26 19:13	100
Chromium	**0.0010**	**J**	0.0020	0.00055	mg/L		06/24/26 07:20	06/24/26 16:56	1
Cobalt	**0.00023**	**J**	0.00050	0.00016	mg/L		06/24/26 07:20	06/24/26 16:56	1
Copper	**0.0011**		0.0010	0.00085	mg/L		06/24/26 07:20	06/24/26 16:56	1
Iron	**0.47**		0.050	0.020	mg/L		06/24/26 07:20	06/24/26 16:56	1
Lead	**0.00062**		0.00050	0.00012	mg/L		06/24/26 07:20	06/24/26 16:56	1
Magnesium	**1100**		5.0	1.6	mg/L		06/24/26 07:20	06/24/26 19:13	100
Manganese	**0.021**		0.0020	0.0012	mg/L		06/24/26 07:20	06/24/26 16:56	1
Nickel	**0.00086**	**J**	0.0010	0.00040	mg/L		06/24/26 07:20	06/24/26 16:56	1
Potassium	**340**		20	6.5	mg/L		06/24/26 07:20	06/24/26 19:13	100
Selenium	**0.00058**	**J**	0.0010	0.00028	mg/L		06/24/26 07:20	06/24/26 16:56	1
Silver	0.00050	U	0.00050	0.00010	mg/L		06/24/26 07:20	06/24/26 16:56	1
Sodium	**9100**	**^2**	20	9.0	mg/L		06/24/26 07:20	06/24/26 19:13	100
Thallium	0.00050	U	0.00050	0.00013	mg/L		06/24/26 07:20	06/24/26 16:56	1
Zinc	0.010	U	0.010	0.0040	mg/L		06/24/26 07:20	06/24/26 16:56	1
Vanadium	**0.0025**	**J**	0.0040	0.00079	mg/L		06/24/26 07:20	06/24/26 16:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.000087	mg/L		06/19/26 15:44	06/19/26 23:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 EPA 9014)	0.010	U	0.010	0.0080	mg/L		06/18/26 12:44	06/18/26 16:19	1

Client Sample ID: FIELD BLANK
Lab Sample ID: 630-138117-2

Date Collected: 06/11/26 08:41
Matrix: Water
Date Received: 06/11/26 08:46

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.00096	U	0.00096	0.00014	mg/L		06/16/26 20:19	06/18/26 20:03	1
1,2-Dichlorobenzene	0.00096	U	0.00096	0.00020	mg/L		06/16/26 20:19	06/18/26 20:03	1
1,2,4,5-Tetrachlorobenzene	0.00096	U	0.00096	0.00014	mg/L		06/16/26 20:19	06/18/26 20:03	1

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Client Sample ID: FIELD BLANK
Lab Sample ID: 630-138117-2
Date Collected: 06/11/26 08:41
Matrix: Water
Date Received: 06/11/26 08:46

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.00096	U	0.00096	0.00021	mg/L		06/16/26 20:19	06/18/26 20:03	1
1,4-Dichlorobenzene	0.00096	U	0.00096	0.00023	mg/L		06/16/26 20:19	06/18/26 20:03	1
1,4-Dioxane	0.0019	U	0.0019	0.00060	mg/L		06/16/26 20:19	06/18/26 20:03	1
1,2-Diphenylhydrazine(as Azobenzene)	0.00096	U	0.00096	0.00019	mg/L		06/16/26 20:19	06/18/26 20:03	1
1,2,4-Trichlorobenzene	0.00096	U	0.00096	0.00023	mg/L		06/16/26 20:19	06/18/26 20:03	1
2-Chloronaphthalene	0.00018	U	0.00018	0.000057	mg/L		06/16/26 20:19	06/18/26 20:03	1
2-Chlorophenol	0.00096	U	0.00096	0.00022	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,3,4,6-Tetrachlorophenol	0.00096	U	0.00096	0.00031	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,4-Dichlorophenol	0.00018	U	0.00018	0.000049	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,4-Dimethylphenol	0.00096	U	0.00096	0.00056	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,4-Dinitrophenol	0.0096	U	0.0096	0.0031	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,4-Dinitrotoluene	0.00096	U	0.00096	0.00034	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,6-Dinitrotoluene	0.00096	U	0.00096	0.00017	mg/L		06/16/26 20:19	06/18/26 20:03	1
2-Methylnaphthalene	0.00018	U	0.00018	0.000060	mg/L		06/16/26 20:19	06/18/26 20:03	1
2-Methylphenol	0.00096	U	0.00096	0.00054	mg/L		06/16/26 20:19	06/18/26 20:03	1
Methylphenol, 3 & 4	0.00096	U	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 20:03	1
2-Nitroaniline	0.0048	U	0.0048	0.00053	mg/L		06/16/26 20:19	06/18/26 20:03	1
3-Nitroaniline	0.0048	U	0.0048	0.00042	mg/L		06/16/26 20:19	06/18/26 20:03	1
4-Nitroaniline	0.0048	U	0.0048	0.00035	mg/L		06/16/26 20:19	06/18/26 20:03	1
2-Nitrophenol	0.00096	U	0.00096	0.00019	mg/L		06/16/26 20:19	06/18/26 20:03	1
4-Nitrophenol	0.0048	U	0.0048	0.00090	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,2'-oxybis[1-chloropropane]	0.00018	U	0.00018	0.00012	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,4,5-Trichlorophenol	0.00096	U	0.00096	0.00024	mg/L		06/16/26 20:19	06/18/26 20:03	1
2,4,6-Trichlorophenol	0.00096	U	0.00096	0.00022	mg/L		06/16/26 20:19	06/18/26 20:03	1
4-Chloro-3-methylphenol	0.00096	U	0.00096	0.00042	mg/L		06/16/26 20:19	06/18/26 20:03	1
4-Chlorophenyl phenyl ether	0.00096	U	0.00096	0.00021	mg/L		06/16/26 20:19	06/18/26 20:03	1
4,6-Dinitro-2-methylphenol	0.0048	U	0.0048	0.0014	mg/L		06/16/26 20:19	06/18/26 20:03	1
Cresols, Total	0.0019	U	0.0019	0.00074	mg/L		06/16/26 20:19	06/18/26 20:03	1
Acenaphthene	0.00018	U	0.00018	0.000063	mg/L		06/16/26 20:19	06/18/26 20:03	1
Acenaphthylene	0.00018	U	0.00018	0.000063	mg/L		06/16/26 20:19	06/18/26 20:03	1
Acetophenone	0.00096	U	0.00096	0.00015	mg/L		06/16/26 20:19	06/18/26 20:03	1
Aniline	0.00096	U	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 20:03	1
Anthracene	0.00018	U	0.00018	0.000047	mg/L		06/16/26 20:19	06/18/26 20:03	1
Atrazine	0.00096	U	0.00096	0.00028	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzaldehyde	0.00096	U	0.00096	0.00052	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzidine	0.019	U	0.019	0.0088	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzo[a]anthracene	0.00018	U	0.00018	0.000072	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzo[b]fluoranthene	0.00018	U	0.00018	0.000093	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzo[k]fluoranthene	0.00018	U	0.00018	0.000085	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzoic acid	0.0048	U	0.0048	0.0024	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzo[g,h,i]perylene	0.00018	U	0.00018	0.000066	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzo[a]pyrene	0.00018	U	0.00018	0.00012	mg/L		06/16/26 20:19	06/18/26 20:03	1
Bis(2-chloroethoxy)methane	0.00096	U	0.00096	0.00015	mg/L		06/16/26 20:19	06/18/26 20:03	1
Bis(2-chloroethyl)ether	0.00018	U	0.00018	0.00013	mg/L		06/16/26 20:19	06/18/26 20:03	1
Bis(2-ethylhexyl) phthalate	0.0096	U	0.0096	0.0020	mg/L		06/16/26 20:19	06/18/26 20:03	1
4-Bromophenyl phenyl ether	0.00096	U	0.00096	0.00031	mg/L		06/16/26 20:19	06/18/26 20:03	1
Butyl benzyl phthalate	0.0019	U	0.0019	0.00090	mg/L		06/16/26 20:19	06/18/26 20:03	1
Caprolactam	**0.0014**	**J**	0.0048	0.00065	mg/L		06/16/26 20:19	06/18/26 20:03	1
Carbazole	0.00018	U	0.00018	0.000049	mg/L		06/16/26 20:19	06/18/26 20:03	1

Client Sample ID: FIELD BLANK — **Lab Sample ID: 630-138117-2**
Date Collected: 06/11/26 08:41 — **Matrix: Water**
Date Received: 06/11/26 08:46

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	0.00096	U	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 20:03	1
Chrysene	0.00018	U	0.00018	0.000078	mg/L		06/16/26 20:19	06/18/26 20:03	1
Dibenz(a,h)anthracene	0.00018	U	0.00018	0.000069	mg/L		06/16/26 20:19	06/18/26 20:03	1
Dibenzofuran	0.00096	U	0.00096	0.00018	mg/L		06/16/26 20:19	06/18/26 20:03	1
Di-n-butyl phthalate	**0.00063**	**J**	0.00096	0.00036	mg/L		06/16/26 20:19	06/18/26 20:03	1
Di-n-octyl phthalate	0.00096	U	0.00096	0.00066	mg/L		06/16/26 20:19	06/18/26 20:03	1
Diethyl phthalate	**0.00033**	**J**	0.00096	0.00024	mg/L		06/16/26 20:19	06/18/26 20:03	1
Dimethyl phthalate	0.0019	U	0.0019	0.00019	mg/L		06/16/26 20:19	06/18/26 20:03	1
Fluoranthene	0.00018	U	0.00018	0.000058	mg/L		06/16/26 20:19	06/18/26 20:03	1
Fluorene	0.00018	U	0.00018	0.000066	mg/L		06/16/26 20:19	06/18/26 20:03	1
Hexachlorobenzene	0.00018	U	0.00018	0.000054	mg/L		06/16/26 20:19	06/18/26 20:03	1
Hexachlorobutadiene	0.00018	U	0.00018	0.00015	mg/L		06/16/26 20:19	06/18/26 20:03	1
Hexachlorocyclopentadiene	0.00096	U	0.00096	0.00048	mg/L		06/16/26 20:19	06/18/26 20:03	1
Hexachloroethane	0.00096	U	0.00096	0.00031	mg/L		06/16/26 20:19	06/18/26 20:03	1
Indeno[1,2,3-cd]pyrene	0.00018	U	0.00018	0.000082	mg/L		06/16/26 20:19	06/18/26 20:03	1
Isophorone	0.00096	U	0.00096	0.00018	mg/L		06/16/26 20:19	06/18/26 20:03	1
Naphthalene	**0.00012**	**J**	0.00018	0.000057	mg/L		06/16/26 20:19	06/18/26 20:03	1
Nitrobenzene	0.0019	U	0.0019	0.00048	mg/L		06/16/26 20:19	06/18/26 20:03	1
N-Nitrosodimethylamine	0.00096	U	0.00096	0.00025	mg/L		06/16/26 20:19	06/18/26 20:03	1
N-Nitrosodiphenylamine	0.00096	U	0.00096	0.00024	mg/L		06/16/26 20:19	06/18/26 20:03	1
N-Nitrosodi-n-propylamine	0.00018	U	0.00018	0.000068	mg/L		06/16/26 20:19	06/18/26 20:03	1
Pentachlorophenol	0.0048	U	0.0048	0.00081	mg/L		06/16/26 20:19	06/18/26 20:03	1
Phenanthrene	0.00018	U	0.00018	0.00015	mg/L		06/16/26 20:19	06/18/26 20:03	1
Phenol	0.00096	U	0.00096	0.00047	mg/L		06/16/26 20:19	06/18/26 20:03	1
Pyrene	0.00018	U	0.00018	0.00011	mg/L		06/16/26 20:19	06/18/26 20:03	1
Pyridine	0.0019	U	0.0019	0.0011	mg/L		06/16/26 20:19	06/18/26 20:03	1
Benzyl alcohol	0.0048	U	0.0048	0.0016	mg/L		06/16/26 20:19	06/18/26 20:03	1
3,3'-Dichlorobenzidine	0.00096	U	0.00096	0.00056	mg/L		06/16/26 20:19	06/18/26 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*27 - 105*	*06/16/26 20:19*	*06/18/26 20:03*	*1*
2-Fluorophenol (Surr)	*92*		*16 - 111*	*06/16/26 20:19*	*06/18/26 20:03*	*1*
2,4,6-Tribromophenol (Surr)	*110*		*18 - 128*	*06/16/26 20:19*	*06/18/26 20:03*	*1*
Nitrobenzene-d5 (Surr)	*94*		*22 - 113*	*06/16/26 20:19*	*06/18/26 20:03*	*1*
Phenol-d5 (Surr)	*101*		*27 - 105*	*06/16/26 20:19*	*06/18/26 20:03*	*1*
Terphenyl-d14 (Surr)	*108*		*24 - 128*	*06/16/26 20:19*	*06/18/26 20:03*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0000013	U	0.0000013	0.00000035	mg/L		06/17/26 00:12	06/17/26 13:24	1
alpha-BHC (1C)	0.0000013	U	0.0000013	0.00000023	mg/L		06/17/26 00:12	06/17/26 13:24	1
beta-BHC (1C)	0.0000013	U	0.0000013	0.00000036	mg/L		06/17/26 00:12	06/17/26 13:24	1
delta-BHC (1C)	0.0000013	U	0.0000013	0.00000063	mg/L		06/17/26 00:12	06/17/26 13:24	1
gamma-BHC (Lindane) (1C)	0.0000013	U	0.0000013	0.00000029	mg/L		06/17/26 00:12	06/17/26 13:24	1
cis-Chlordane (1C)	0.0000013	U	0.0000013	0.00000036	mg/L		06/17/26 00:12	06/17/26 13:24	1

Client Sample ID: FIELD BLANK
Lab Sample ID: 630-138117-2
Date Collected: 06/11/26 08:41
Matrix: Water
Date Received: 06/11/26 08:46

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane (1C)	0.0000013	U	0.0000013	0.0000009 1	mg/L		06/17/26 00:12	06/17/26 13:24	1
Chlordane (technical) (1C)	0.000012	U	0.000012	0.0000071	mg/L		06/17/26 00:12	06/17/26 13:24	1
4,4'-DDD (1C)	0.0000013	U	0.0000013	0.0000005 2	mg/L		06/17/26 00:12	06/17/26 13:24	1
4,4'-DDE (1C)	0.0000013	U	0.0000013	0.0000007 0	mg/L		06/17/26 00:12	06/17/26 13:24	1
4,4'-DDT (1C)	0.0000013	U	0.0000013	0.0000006 8	mg/L		06/17/26 00:12	06/17/26 13:24	1
Dieldrin (1C)	0.0000013	U	0.0000013	0.0000002 7	mg/L		06/17/26 00:12	06/17/26 13:24	1
Endosulfan I (1C)	0.0000013	U	0.0000013	0.0000006 7	mg/L		06/17/26 00:12	06/17/26 13:24	1
Endosulfan II (1C)	0.0000013	U	0.0000013	0.0000009 2	mg/L		06/17/26 00:12	06/17/26 13:24	1
Endosulfan sulfate (1C)	0.0000013	U	0.0000013	0.0000006 3	mg/L		06/17/26 00:12	06/17/26 13:24	1
Endrin (1C)	0.0000013	U	0.0000013	0.0000002 2	mg/L		06/17/26 00:12	06/17/26 13:24	1
Endrin aldehyde (1C)	0.0000013	U	0.0000013	0.0000005 1	mg/L		06/17/26 00:12	06/17/26 13:24	1
Endrin ketone (1C)	0.0000013	U	0.0000013	0.0000009 7	mg/L		06/17/26 00:12	06/17/26 13:24	1
Heptachlor (1C)	0.0000013	U	0.0000013	0.0000004 4	mg/L		06/17/26 00:12	06/17/26 13:24	1
Heptachlor epoxide (1C)	0.0000013	U	0.0000013	0.0000003 3	mg/L		06/17/26 00:12	06/17/26 13:24	1
Methoxychlor (1C)	0.0000013	U	0.0000013	0.0000007 6	mg/L		06/17/26 00:12	06/17/26 13:24	1
Mirex (1C)	0.0000013	U	0.0000013	0.0000004 6	mg/L		06/17/26 00:12	06/17/26 13:24	1
Toxaphene (1C)	0.000098	U	0.000098	0.000048	mg/L		06/17/26 00:12	06/17/26 13:24	1
Endosulfan, Total (1C)	0.0000025	U	0.0000025	0.0000009 8	mg/L		06/17/26 00:12	06/17/26 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*88*		*11 - 150*	*06/17/26 00:12*	*06/17/26 13:24*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*92*		*11 - 150*	*06/17/26 00:12*	*06/17/26 13:24*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*82*		*17 - 142*	*06/17/26 00:12*	*06/17/26 13:24*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*81*		*17 - 142*	*06/17/26 00:12*	*06/17/26 13:24*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0000098	U	0.0000098	0.0000047	mg/L		06/17/26 00:12	06/17/26 14:14	1
PCB-1221 (1C)	0.0000098	U	0.0000098	0.0000056	mg/L		06/17/26 00:12	06/17/26 14:14	1
PCB-1232 (1C)	0.0000098	U	0.0000098	0.0000051	mg/L		06/17/26 00:12	06/17/26 14:14	1
PCB-1242 (1C)	0.0000098	U	0.0000098	0.0000035	mg/L		06/17/26 00:12	06/17/26 14:14	1
PCB-1248 (1C)	0.0000098	U	0.0000098	0.0000079	mg/L		06/17/26 00:12	06/17/26 14:14	1
PCB-1254 (1C)	0.0000098	U	0.0000098	0.0000045	mg/L		06/17/26 00:12	06/17/26 14:14	1
PCB-1260 (1C)	0.0000098	U	0.0000098	0.0000038	mg/L		06/17/26 00:12	06/17/26 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*80*		*23 - 133*	*06/17/26 00:12*	*06/17/26 14:14*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*82*		*23 - 133*	*06/17/26 00:12*	*06/17/26 14:14*	*1*

Client Sample ID: FIELD BLANK
Lab Sample ID: 630-138117-2

Date Collected: 06/11/26 08:41
Matrix: Water

Date Received: 06/11/26 08:46

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*81*		*20 - 133*	*06/17/26 00:12*	*06/17/26 14:14*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*80*		*20 - 133*	*06/17/26 00:12*	*06/17/26 14:14*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0000098	U	0.0000098	0.0000079	mg/L			06/17/26 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.025	U	0.025	0.012	mg/L		06/19/26 09:40	06/19/26 16:51	1
Antimony	0.0010	U	0.0010	0.00020	mg/L		06/19/26 09:40	06/19/26 16:51	1
Arsenic	0.0020	U	0.0020	0.00068	mg/L		06/19/26 09:40	06/19/26 16:51	1
Barium	0.0020	U	0.0020	0.00075	mg/L		06/19/26 09:40	06/19/26 16:51	1
Beryllium	0.00050	U	0.00050	0.00012	mg/L		06/19/26 09:40	06/19/26 16:51	1
Cadmium	0.00050	U	0.00050	0.00015	mg/L		06/19/26 09:40	06/19/26 16:51	1
Calcium	**0.11**		0.10	0.050	mg/L		06/19/26 09:40	06/19/26 16:51	1
Chromium	0.0020	U	0.0020	0.00055	mg/L		06/19/26 09:40	06/19/26 16:51	1
Cobalt	0.00050	U	0.00050	0.00016	mg/L		06/19/26 09:40	06/19/26 16:51	1
Copper	0.0010	U	0.0010	0.00085	mg/L		06/19/26 09:40	06/19/26 16:51	1
Iron	0.050	U	0.050	0.020	mg/L		06/19/26 09:40	06/19/26 16:51	1
Lead	0.00050	U	0.00050	0.00012	mg/L		06/19/26 09:40	06/19/26 16:51	1
Magnesium	**0.019**	**J**	0.050	0.016	mg/L		06/19/26 09:40	06/19/26 16:51	1
Manganese	0.0020	U	0.0020	0.0012	mg/L		06/19/26 09:40	06/19/26 16:51	1
Nickel	0.0010	U	0.0010	0.00040	mg/L		06/19/26 09:40	06/19/26 16:51	1
Potassium	0.20	U	0.20	0.065	mg/L		06/19/26 09:40	06/19/26 16:51	1
Selenium	0.0010	U	0.0010	0.00028	mg/L		06/19/26 09:40	06/19/26 16:51	1
Silver	0.00050	U	0.00050	0.00010	mg/L		06/19/26 09:40	06/19/26 16:51	1
Sodium	**0.27**		0.20	0.090	mg/L		06/19/26 09:40	06/19/26 16:51	1
Thallium	0.00050	U	0.00050	0.00013	mg/L		06/19/26 09:40	06/19/26 16:51	1
Zinc	**0.0048**	**J**	0.010	0.0040	mg/L		06/19/26 09:40	06/19/26 16:51	1
Vanadium	0.0040	U	0.0040	0.00079	mg/L		06/19/26 09:40	06/19/26 16:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.000087	mg/L		06/19/26 15:44	06/19/26 23:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 EPA 9014)	0.010	U	0.010	0.0080	mg/L		06/18/26 12:44	06/18/26 16:31	1

Surrogate Summary

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Job ID: 630-138117-1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(27-105)	(16-111)	(18-128)	(22-113)	(27-105)	(24-128)
630-138117-1	SITE WATER	88	88	104	89	93	101
630-138117-2	FIELD BLANK	89	92	110	94	101	108
LCS 180-515101/2-A	Lab Control Sample	71	82	83	76	81	71
LCSD 180-515101/3-A	Lab Control Sample Dup	77	85	87	82	85	74
MB 180-515101/1-A	Method Blank	59	68	62	61	66	63

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(11-150)	(11-150)	(17-142)	(17-142)
630-138117-1	SITE WATER	84	97	76	80
630-138117-2	FIELD BLANK	88	92	82	81
LCS 180-515107/4-A	Lab Control Sample	89	95	82	80
LCSD 180-515107/5-A	Lab Control Sample Dup	91	94	85	85
MB 180-515107/1-A	Method Blank	88	90	77	78

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(23-133)	(23-133)	(20-133)	(20-133)
630-138117-1	SITE WATER	79	80	71	76
630-138117-2	FIELD BLANK	80	82	81	80
LCS 180-515107/2-A	Lab Control Sample	88	90	79	83
LCSD 180-515107/3-A	Lab Control Sample Dup	86	87	82	85
MB 180-515107/1-A	Method Blank	104	98	83	85

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-515101/1-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.0010	U	0.0010	0.00014	mg/L		06/16/26 20:19	06/18/26 11:57	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00021	mg/L		06/16/26 20:19	06/18/26 11:57	1
1,2,4,5-Tetrachlorobenzene	0.0010	U	0.0010	0.00015	mg/L		06/16/26 20:19	06/18/26 11:57	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00022	mg/L		06/16/26 20:19	06/18/26 11:57	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00024	mg/L		06/16/26 20:19	06/18/26 11:57	1
1,4-Dioxane	0.0020	U	0.0020	0.00063	mg/L		06/16/26 20:19	06/18/26 11:57	1
1,2-Diphenylhydrazine(as Azobenzene)	0.0010	U	0.0010	0.00020	mg/L		06/16/26 20:19	06/18/26 11:57	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00024	mg/L		06/16/26 20:19	06/18/26 11:57	1
2-Chloronaphthalene	0.00019	U	0.00019	0.000059	mg/L		06/16/26 20:19	06/18/26 11:57	1
2-Chlorophenol	0.0010	U	0.0010	0.00023	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,3,4,6-Tetrachlorophenol	0.0010	U	0.0010	0.00033	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,4-Dichlorophenol	0.00019	U	0.00019	0.000051	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,4-Dimethylphenol	0.0010	U	0.0010	0.00059	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,4-Dinitrophenol	0.010	U	0.010	0.0033	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,4-Dinitrotoluene	0.0010	U	0.0010	0.00035	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,6-Dinitrotoluene	0.0010	U	0.0010	0.00017	mg/L		06/16/26 20:19	06/18/26 11:57	1
2-Methylnaphthalene	0.00019	U	0.00019	0.000062	mg/L		06/16/26 20:19	06/18/26 11:57	1
2-Methylphenol	0.0010	U	0.0010	0.00056	mg/L		06/16/26 20:19	06/18/26 11:57	1
Methylphenol, 3 & 4	0.0010	U	0.0010	0.00037	mg/L		06/16/26 20:19	06/18/26 11:57	1
2-Nitroaniline	0.0050	U	0.0050	0.00055	mg/L		06/16/26 20:19	06/18/26 11:57	1
3-Nitroaniline	0.0050	U	0.0050	0.00044	mg/L		06/16/26 20:19	06/18/26 11:57	1
4-Nitroaniline	0.0050	U	0.0050	0.00036	mg/L		06/16/26 20:19	06/18/26 11:57	1
2-Nitrophenol	0.0010	U	0.0010	0.00019	mg/L		06/16/26 20:19	06/18/26 11:57	1
4-Nitrophenol	0.0050	U	0.0050	0.00094	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,2'-oxybis[1-chloropropane]	0.00019	U	0.00019	0.00012	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,4,5-Trichlorophenol	0.0010	U	0.0010	0.00025	mg/L		06/16/26 20:19	06/18/26 11:57	1
2,4,6-Trichlorophenol	0.0010	U	0.0010	0.00022	mg/L		06/16/26 20:19	06/18/26 11:57	1
4-Chloro-3-methylphenol	0.0010	U	0.0010	0.00044	mg/L		06/16/26 20:19	06/18/26 11:57	1
4-Chlorophenyl phenyl ether	0.0010	U	0.0010	0.00022	mg/L		06/16/26 20:19	06/18/26 11:57	1
4,6-Dinitro-2-methylphenol	0.0050	U	0.0050	0.0015	mg/L		06/16/26 20:19	06/18/26 11:57	1
Cresols, Total	0.0020	U	0.0020	0.00077	mg/L		06/16/26 20:19	06/18/26 11:57	1
Acenaphthene	0.00019	U	0.00019	0.000065	mg/L		06/16/26 20:19	06/18/26 11:57	1
Acenaphthylene	0.00019	U	0.00019	0.000065	mg/L		06/16/26 20:19	06/18/26 11:57	1
Acetophenone	0.0010	U	0.0010	0.00016	mg/L		06/16/26 20:19	06/18/26 11:57	1
Aniline	0.0010	U	0.0010	0.00037	mg/L		06/16/26 20:19	06/18/26 11:57	1
Anthracene	0.00019	U	0.00019	0.000049	mg/L		06/16/26 20:19	06/18/26 11:57	1
Atrazine	0.0010	U	0.0010	0.00030	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzaldehyde	0.0010	U	0.0010	0.00054	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzidine	0.020	U	0.020	0.0091	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzo[a]anthracene	0.00019	U	0.00019	0.000075	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzo[b]fluoranthene	0.00019	U	0.00019	0.000097	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzo[k]fluoranthene	0.00019	U	0.00019	0.000088	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzoic acid	0.0050	U	0.0050	0.0025	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzo[g,h,i]perylene	0.00019	U	0.00019	0.000069	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzo[a]pyrene	0.00019	U	0.00019	0.00013	mg/L		06/16/26 20:19	06/18/26 11:57	1
Bis(2-chloroethoxy)methane	0.0010	U	0.0010	0.00015	mg/L		06/16/26 20:19	06/18/26 11:57	1
Bis(2-chloroethyl)ether	0.00019	U	0.00019	0.00014	mg/L		06/16/26 20:19	06/18/26 11:57	1
Bis(2-ethylhexyl) phthalate	0.010	U	0.010	0.0021	mg/L		06/16/26 20:19	06/18/26 11:57	1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-515101/1-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	0.0010	U	0.0010	0.00032	mg/L		06/16/26 20:19	06/18/26 11:57	1
Butyl benzyl phthalate	0.0020	U	0.0020	0.00094	mg/L		06/16/26 20:19	06/18/26 11:57	1
Caprolactam	0.0050	U	0.0050	0.00068	mg/L		06/16/26 20:19	06/18/26 11:57	1
Carbazole	0.00019	U	0.00019	0.000051	mg/L		06/16/26 20:19	06/18/26 11:57	1
4-Chloroaniline	0.0010	U	0.0010	0.00038	mg/L		06/16/26 20:19	06/18/26 11:57	1
Chrysene	0.00019	U	0.00019	0.000081	mg/L		06/16/26 20:19	06/18/26 11:57	1
Dibenz(a,h)anthracene	0.00019	U	0.00019	0.000072	mg/L		06/16/26 20:19	06/18/26 11:57	1
Dibenzofuran	0.0010	U	0.0010	0.00019	mg/L		06/16/26 20:19	06/18/26 11:57	1
Di-n-butyl phthalate	0.0010	U	0.0010	0.00038	mg/L		06/16/26 20:19	06/18/26 11:57	1
Di-n-octyl phthalate	0.0010	U	0.0010	0.00069	mg/L		06/16/26 20:19	06/18/26 11:57	1
Diethyl phthalate	0.0010	U	0.0010	0.00025	mg/L		06/16/26 20:19	06/18/26 11:57	1
Dimethyl phthalate	0.0020	U	0.0020	0.00020	mg/L		06/16/26 20:19	06/18/26 11:57	1
Fluoranthene	0.00019	U	0.00019	0.000060	mg/L		06/16/26 20:19	06/18/26 11:57	1
Fluorene	0.00019	U	0.00019	0.000069	mg/L		06/16/26 20:19	06/18/26 11:57	1
Hexachlorobenzene	0.00019	U	0.00019	0.000056	mg/L		06/16/26 20:19	06/18/26 11:57	1
Hexachlorobutadiene	0.00019	U	0.00019	0.00016	mg/L		06/16/26 20:19	06/18/26 11:57	1
Hexachlorocyclopentadiene	0.0010	U	0.0010	0.00050	mg/L		06/16/26 20:19	06/18/26 11:57	1
Hexachloroethane	0.0010	U	0.0010	0.00032	mg/L		06/16/26 20:19	06/18/26 11:57	1
Indeno[1,2,3-cd]pyrene	0.00019	U	0.00019	0.000085	mg/L		06/16/26 20:19	06/18/26 11:57	1
Isophorone	0.0010	U	0.0010	0.00019	mg/L		06/16/26 20:19	06/18/26 11:57	1
Naphthalene	0.00019	U	0.00019	0.000059	mg/L		06/16/26 20:19	06/18/26 11:57	1
Nitrobenzene	0.0020	U	0.0020	0.00050	mg/L		06/16/26 20:19	06/18/26 11:57	1
N-Nitrosodimethylamine	0.0010	U	0.0010	0.00026	mg/L		06/16/26 20:19	06/18/26 11:57	1
N-Nitrosodiphenylamine	0.0010	U	0.0010	0.00025	mg/L		06/16/26 20:19	06/18/26 11:57	1
N-Nitrosodi-n-propylamine	0.00019	U	0.00019	0.000071	mg/L		06/16/26 20:19	06/18/26 11:57	1
Pentachlorophenol	0.0050	U	0.0050	0.00085	mg/L		06/16/26 20:19	06/18/26 11:57	1
Phenanthrene	0.00019	U	0.00019	0.00016	mg/L		06/16/26 20:19	06/18/26 11:57	1
Phenol	0.0010	U	0.0010	0.00049	mg/L		06/16/26 20:19	06/18/26 11:57	1
Pyrene	0.00019	U	0.00019	0.00011	mg/L		06/16/26 20:19	06/18/26 11:57	1
Pyridine	0.0020	U	0.0020	0.0011	mg/L		06/16/26 20:19	06/18/26 11:57	1
Benzyl alcohol	0.0050	U	0.0050	0.0017	mg/L		06/16/26 20:19	06/18/26 11:57	1
3,3'-Dichlorobenzidine	0.0010	U	0.0010	0.00058	mg/L		06/16/26 20:19	06/18/26 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*59*		*27 - 105*	*06/16/26 20:19*	*06/18/26 11:57*	*1*
2-Fluorophenol (Surr)	*68*		*16 - 111*	*06/16/26 20:19*	*06/18/26 11:57*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 128*	*06/16/26 20:19*	*06/18/26 11:57*	*1*
Nitrobenzene-d5 (Surr)	*61*		*22 - 113*	*06/16/26 20:19*	*06/18/26 11:57*	*1*
Phenol-d5 (Surr)	*66*		*27 - 105*	*06/16/26 20:19*	*06/18/26 11:57*	*1*
Terphenyl-d14 (Surr)	*63*		*24 - 128*	*06/16/26 20:19*	*06/18/26 11:57*	*1*

Lab Sample ID: LCS 180-515101/2-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.0200	0.0135		mg/L		67	47 - 100
1,2-Dichlorobenzene	0.0200	0.0144		mg/L		72	51 - 100

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515101/2-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	0.0200	0.0143		mg/L		71	54 - 100
1,3-Dichlorobenzene	0.0200	0.0139		mg/L		69	51 - 100
1,4-Dichlorobenzene	0.0200	0.0143		mg/L		71	50 - 100
1,4-Dioxane	0.0200	0.0148		mg/L		74	39 - 111
1,2-Diphenylhydrazine(as Azobenzene)	0.0200	0.0145		mg/L		72	38 - 100
1,2,4-Trichlorobenzene	0.0200	0.0143		mg/L		72	51 - 100
2-Chloronaphthalene	0.0200	0.0141		mg/L		70	45 - 100
2-Chlorophenol	0.0200	0.0147		mg/L		73	53 - 100
2,3,4,6-Tetrachlorophenol	0.0200	0.0149		mg/L		74	54 - 100
2,4-Dichlorophenol	0.0200	0.0149		mg/L		75	55 - 100
2,4-Dimethylphenol	0.0200	0.0148		mg/L		74	51 - 100
2,4-Dinitrophenol	0.0400	0.0277		mg/L		69	32 - 111
2,4-Dinitrotoluene	0.0200	0.0145		mg/L		73	52 - 100
2,6-Dinitrotoluene	0.0200	0.0146		mg/L		73	49 - 101
2-Methylnaphthalene	0.0200	0.0135		mg/L		67	48 - 100
2-Methylphenol	0.0200	0.0155		mg/L		78	51 - 100
Methylphenol, 3 & 4	0.0200	0.0155		mg/L		78	51 - 100
2-Nitroaniline	0.0200	0.0132		mg/L		66	47 - 104
3-Nitroaniline	0.0200	0.0140		mg/L		70	49 - 100
4-Nitroaniline	0.0200	0.0153		mg/L		77	47 - 100
2-Nitrophenol	0.0200	0.0154		mg/L		77	56 - 100
4-Nitrophenol	0.0400	0.0261		mg/L		65	43 - 113
2,2'-oxybis[1-chloropropane]	0.0200	0.0130		mg/L		65	33 - 102
2,4,5-Trichlorophenol	0.0200	0.0155		mg/L		78	55 - 100
2,4,6-Trichlorophenol	0.0200	0.0154		mg/L		77	54 - 100
4-Chloro-3-methylphenol	0.0200	0.0144		mg/L		72	53 - 100
4-Chlorophenyl phenyl ether	0.0200	0.0144		mg/L		72	48 - 100
4,6-Dinitro-2-methylphenol	0.0400	0.0331		mg/L		83	48 - 100
Cresols, Total	0.0400	0.0310		mg/L		78	42 - 100
Acenaphthene	0.0200	0.0133		mg/L		67	51 - 100
Acenaphthylene	0.0200	0.0137		mg/L		69	50 - 100
Acetophenone	0.0200	0.0150		mg/L		75	46 - 100
Aniline	0.0200	0.0148		mg/L		74	42 - 100
Anthracene	0.0200	0.0135		mg/L		68	49 - 100
Atrazine	0.0200	0.0156		mg/L		78	54 - 100
Benzaldehyde	0.0200	0.0126		mg/L		63	15 - 100
Benzidine	0.0200	0.0103	J	mg/L		52	31 - 115
Benzo[a]anthracene	0.0200	0.0135		mg/L		67	52 - 100
Benzo[b]fluoranthene	0.0200	0.0123		mg/L		62	50 - 100
Benzo[k]fluoranthene	0.0200	0.0132		mg/L		66	42 - 100
Benzoic acid	0.0200	0.0136		mg/L		68	43 - 114
Benzo[g,h,i]perylene	0.0200	0.0135		mg/L		67	45 - 100
Benzo[a]pyrene	0.0200	0.0124		mg/L		62	47 - 100
Bis(2-chloroethoxy)methane	0.0200	0.0123		mg/L		61	36 - 100
Bis(2-chloroethyl)ether	0.0200	0.0155		mg/L		77	42 - 100
Bis(2-ethylhexyl) phthalate	0.0200	0.0128		mg/L		64	42 - 108
4-Bromophenyl phenyl ether	0.0200	0.0156		mg/L		78	50 - 100
Butyl benzyl phthalate	0.0200	0.0128		mg/L		64	44 - 106

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515101/2-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515101

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Caprolactam			0.0200	0.0151		mg/L		76	46 - 105		
Carbazole			0.0200	0.0140		mg/L		70	47 - 100		
4-Chloroaniline			0.0200	0.0140		mg/L		70	48 - 100		
Chrysene			0.0200	0.0129		mg/L		64	44 - 100		
Dibenz(a,h)anthracene			0.0200	0.0154		mg/L		77	52 - 101		
Dibenzofuran			0.0200	0.0136		mg/L		68	47 - 100		
Di-n-butyl phthalate			0.0200	0.0141		mg/L		70	50 - 100		
Di-n-octyl phthalate			0.0200	0.00884		mg/L		44	21 - 130		
Diethyl phthalate			0.0200	0.0133		mg/L		66	52 - 100		
Dimethyl phthalate			0.0200	0.0140		mg/L		70	51 - 100		
Fluoranthene			0.0200	0.0144		mg/L		72	50 - 100		
Fluorene			0.0200	0.0137		mg/L		69	49 - 100		
Hexachlorobenzene			0.0200	0.0154		mg/L		77	46 - 100		
Hexachlorobutadiene			0.0200	0.0139		mg/L		70	46 - 101		
Hexachlorocyclopentadiene			0.0200	0.0132		mg/L		66	24 - 113		
Hexachloroethane			0.0200	0.0146		mg/L		73	46 - 100		
Indeno[1,2,3-cd]pyrene			0.0200	0.0144		mg/L		72	48 - 100		
Isophorone			0.0200	0.0151		mg/L		76	42 - 100		
Naphthalene			0.0200	0.0132		mg/L		66	53 - 100		
Nitrobenzene			0.0200	0.0152		mg/L		76	47 - 100		
N-Nitrosodimethylamine			0.0200	0.0179		mg/L		90	44 - 123		
N-Nitrosodiphenylamine			0.0200	0.0143		mg/L		72	48 - 100		
N-Nitrosodi-n-propylamine			0.0200	0.0153		mg/L		77	47 - 103		
Pentachlorophenol			0.0400	0.0300		mg/L		75	42 - 102		
Phenanthrene			0.0200	0.0133		mg/L		66	47 - 100		
Phenol			0.0200	0.0153		mg/L		77	41 - 100		
Pyrene			0.0200	0.0128		mg/L		64	46 - 100		
Pyridine			0.0400	0.0329		mg/L		82	24 - 127		
Benzyl alcohol			0.0200	0.0163		mg/L		81	33 - 107		
3,3'-Dichlorobenzidine			0.0200	0.0138		mg/L		69	42 - 100		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*71*		*27 - 105*
2-Fluorophenol (Surr)	*82*		*16 - 111*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 128*
Nitrobenzene-d5 (Surr)	*76*		*22 - 113*
Phenol-d5 (Surr)	*81*		*27 - 105*
Terphenyl-d14 (Surr)	*71*		*24 - 128*

Lab Sample ID: LCSD 180-515101/3-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515101

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			0.0200	0.0146		mg/L		73	47 - 100	8	16
1,2-Dichlorobenzene			0.0200	0.0148		mg/L		74	51 - 100	3	16
1,2,4,5-Tetrachlorobenzene			0.0200	0.0151		mg/L		75	54 - 100	6	16
1,3-Dichlorobenzene			0.0200	0.0147		mg/L		74	51 - 100	6	15

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 180-515101/3-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515101

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	0.0200	0.0151		mg/L		76	50 - 100	6	15
1,4-Dioxane	0.0200	0.0156		mg/L		78	39 - 111	5	15
1,2-Diphenylhydrazine(as Azobenzene)	0.0200	0.0152		mg/L		76	38 - 100	5	15
1,2,4-Trichlorobenzene	0.0200	0.0150		mg/L		75	51 - 100	5	15
2-Chloronaphthalene	0.0200	0.0150		mg/L		75	45 - 100	6	15
2-Chlorophenol	0.0200	0.0155		mg/L		78	53 - 100	6	17
2,3,4,6-Tetrachlorophenol	0.0200	0.0158		mg/L		79	54 - 100	6	21
2,4-Dichlorophenol	0.0200	0.0155		mg/L		77	55 - 100	3	15
2,4-Dimethylphenol	0.0200	0.0154		mg/L		77	51 - 100	4	16
2,4-Dinitrophenol	0.0400	0.0312		mg/L		78	32 - 111	12	16
2,4-Dinitrotoluene	0.0200	0.0160		mg/L		80	52 - 100	10	16
2,6-Dinitrotoluene	0.0200	0.0155		mg/L		78	49 - 101	6	16
2-Methylnaphthalene	0.0200	0.0140		mg/L		70	48 - 100	4	15
2-Methylphenol	0.0200	0.0163		mg/L		82	51 - 100	5	16
Methylphenol, 3 & 4	0.0200	0.0160		mg/L		80	51 - 100	3	15
2-Nitroaniline	0.0200	0.0141		mg/L		71	47 - 104	6	15
3-Nitroaniline	0.0200	0.0157		mg/L		79	49 - 100	12	15
4-Nitroaniline	0.0200	0.0175		mg/L		87	47 - 100	13	16
2-Nitrophenol	0.0200	0.0166		mg/L		83	56 - 100	8	15
4-Nitrophenol	0.0400	0.0287		mg/L		72	43 - 113	9	15
2,2'-oxybis[1-chloropropane]	0.0200	0.0136		mg/L		68	33 - 102	5	16
2,4,5-Trichlorophenol	0.0200	0.0171		mg/L		86	55 - 100	10	15
2,4,6-Trichlorophenol	0.0200	0.0171		mg/L		86	54 - 100	10	16
4-Chloro-3-methylphenol	0.0200	0.0147		mg/L		73	53 - 100	2	15
4-Chlorophenyl phenyl ether	0.0200	0.0155		mg/L		77	48 - 100	7	16
4,6-Dinitro-2-methylphenol	0.0400	0.0346		mg/L		86	48 - 100	4	15
Cresols, Total	0.0400	0.0324		mg/L		81	42 - 100	4	17
Acenaphthene	0.0200	0.0144		mg/L		72	51 - 100	8	15
Acenaphthylene	0.0200	0.0145		mg/L		73	50 - 100	6	16
Acetophenone	0.0200	0.0156		mg/L		78	46 - 100	3	16
Aniline	0.0200	0.0158		mg/L		79	42 - 100	7	17
Anthracene	0.0200	0.0141		mg/L		71	49 - 100	4	15
Atrazine	0.0200	0.0162		mg/L		81	54 - 100	4	15
Benzaldehyde	0.0200	0.0127		mg/L		63	15 - 100	1	16
Benzidine	0.0200	0.0105	J	mg/L		52	31 - 115	1	35
Benzo[a]anthracene	0.0200	0.0140		mg/L		70	52 - 100	4	15
Benzo[b]fluoranthene	0.0200	0.0134		mg/L		67	50 - 100	8	20
Benzo[k]fluoranthene	0.0200	0.0140		mg/L		70	42 - 100	6	16
Benzoic acid	0.0200	0.0143		mg/L		71	43 - 114	5	21
Benzo[g,h,i]perylene	0.0200	0.0147		mg/L		73	45 - 100	9	18
Benzo[a]pyrene	0.0200	0.0135		mg/L		67	47 - 100	9	19
Bis(2-chloroethoxy)methane	0.0200	0.0131		mg/L		66	36 - 100	7	15
Bis(2-chloroethyl)ether	0.0200	0.0162		mg/L		81	42 - 100	5	15
Bis(2-ethylhexyl) phthalate	0.0200	0.0135		mg/L		67	42 - 108	5	15
4-Bromophenyl phenyl ether	0.0200	0.0167		mg/L		83	50 - 100	6	15
Butyl benzyl phthalate	0.0200	0.0132		mg/L		66	44 - 106	3	15
Caprolactam	0.0200	0.0159		mg/L		79	46 - 105	5	16
Carbazole	0.0200	0.0149		mg/L		74	47 - 100	6	16

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 180-515101/3-A
Matrix: Water
Analysis Batch: 515161

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515101

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloroaniline			0.0200	0.0150		mg/L		75	48 - 100	7	15
Chrysene			0.0200	0.0139		mg/L		69	44 - 100	7	15
Dibenz(a,h)anthracene			0.0200	0.0166		mg/L		83	52 - 101	7	19
Dibenzofuran			0.0200	0.0144		mg/L		72	47 - 100	6	16
Di-n-butyl phthalate			0.0200	0.0149		mg/L		74	50 - 100	6	15
Di-n-octyl phthalate			0.0200	0.00947		mg/L		47	21 - 130	7	22
Diethyl phthalate			0.0200	0.0141		mg/L		71	52 - 100	6	15
Dimethyl phthalate			0.0200	0.0149		mg/L		75	51 - 100	6	15
Fluoranthene			0.0200	0.0153		mg/L		77	50 - 100	7	15
Fluorene			0.0200	0.0146		mg/L		73	49 - 100	6	15
Hexachlorobenzene			0.0200	0.0164		mg/L		82	46 - 100	7	15
Hexachlorobutadiene			0.0200	0.0146		mg/L		73	46 - 101	5	15
Hexachlorocyclopentadiene			0.0200	0.0139		mg/L		70	24 - 113	5	16
Hexachloroethane			0.0200	0.0152		mg/L		76	46 - 100	4	16
Indeno[1,2,3-cd]pyrene			0.0200	0.0156		mg/L		78	48 - 100	8	18
Isophorone			0.0200	0.0160		mg/L		80	42 - 100	6	15
Naphthalene			0.0200	0.0138		mg/L		69	53 - 100	5	15
Nitrobenzene			0.0200	0.0158		mg/L		79	47 - 100	3	16
N-Nitrosodimethylamine			0.0200	0.0190		mg/L		95	44 - 123	6	16
N-Nitrosodiphenylamine			0.0200	0.0153		mg/L		76	48 - 100	7	16
N-Nitrosodi-n-propylamine			0.0200	0.0162		mg/L		81	47 - 103	6	16
Pentachlorophenol			0.0400	0.0327		mg/L		82	42 - 102	9	20
Phenanthrene			0.0200	0.0141		mg/L		70	47 - 100	6	15
Phenol			0.0200	0.0159		mg/L		80	41 - 100	4	35
Pyrene			0.0200	0.0136		mg/L		68	46 - 100	6	18
Pyridine			0.0400	0.0346		mg/L		87	24 - 127	5	35
Benzyl alcohol			0.0200	0.0170		mg/L		85	33 - 107	4	35
3,3'-Dichlorobenzidine			0.0200	0.0146		mg/L		73	42 - 100	5	15

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*77*		*27 - 105*
2-Fluorophenol (Surr)	*85*		*16 - 111*
2,4,6-Tribromophenol (Surr)	*87*		*18 - 128*
Nitrobenzene-d5 (Surr)	*82*		*22 - 113*
Phenol-d5 (Surr)	*85*		*27 - 105*
Terphenyl-d14 (Surr)	*74*		*24 - 128*

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Lab Sample ID: MB 180-515107/1-A
Matrix: Water
Analysis Batch: 515112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0000013	U	0.0000013	0.00000036	mg/L		06/17/26 00:12	06/17/26 12:12	1
alpha-BHC (1C)	0.0000013	U	0.0000013	0.00000024	mg/L		06/17/26 00:12	06/17/26 12:12	1

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 180-515107/1-A
Matrix: Water
Analysis Batch: 515112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
beta-BHC (1C)	0.0000013	U	0.0000013	0.00000037	mg/L		06/17/26 00:12	06/17/26 12:12	1
delta-BHC (1C)	0.0000013	U	0.0000013	0.00000064	mg/L		06/17/26 00:12	06/17/26 12:12	1
gamma-BHC (Lindane) (1C)	0.0000013	U	0.0000013	0.00000029	mg/L		06/17/26 00:12	06/17/26 12:12	1
cis-Chlordane (1C)	0.0000013	U	0.0000013	0.00000037	mg/L		06/17/26 00:12	06/17/26 12:12	1
trans-Chlordane (1C)	0.0000013	U	0.0000013	0.00000093	mg/L		06/17/26 00:12	06/17/26 12:12	1
Chlordane (technical) (1C)	0.000013	U	0.000013	0.0000073	mg/L		06/17/26 00:12	06/17/26 12:12	1
4,4'-DDD (1C)	0.0000013	U	0.0000013	0.00000053	mg/L		06/17/26 00:12	06/17/26 12:12	1
4,4'-DDE (1C)	0.0000013	U	0.0000013	0.00000072	mg/L		06/17/26 00:12	06/17/26 12:12	1
4,4'-DDT (1C)	0.0000013	U	0.0000013	0.00000069	mg/L		06/17/26 00:12	06/17/26 12:12	1
Dieldrin (1C)	0.0000013	U	0.0000013	0.00000027	mg/L		06/17/26 00:12	06/17/26 12:12	1
Endosulfan I (1C)	0.0000013	U	0.0000013	0.00000069	mg/L		06/17/26 00:12	06/17/26 12:12	1
Endosulfan II (1C)	0.0000013	U	0.0000013	0.00000094	mg/L		06/17/26 00:12	06/17/26 12:12	1
Endosulfan sulfate (1C)	0.0000013	U	0.0000013	0.00000064	mg/L		06/17/26 00:12	06/17/26 12:12	1
Endrin (1C)	0.0000013	U	0.0000013	0.00000023	mg/L		06/17/26 00:12	06/17/26 12:12	1
Endrin aldehyde (1C)	0.0000013	U	0.0000013	0.00000052	mg/L		06/17/26 00:12	06/17/26 12:12	1
Endrin ketone (1C)	0.0000013	U	0.0000013	0.00000099	mg/L		06/17/26 00:12	06/17/26 12:12	1
Heptachlor (1C)	0.0000013	U	0.0000013	0.00000045	mg/L		06/17/26 00:12	06/17/26 12:12	1
Heptachlor epoxide (1C)	0.0000013	U	0.0000013	0.00000034	mg/L		06/17/26 00:12	06/17/26 12:12	1
Methoxychlor (1C)	0.0000013	U	0.0000013	0.00000078	mg/L		06/17/26 00:12	06/17/26 12:12	1
Mirex (1C)	0.0000013	U	0.0000013	0.00000047	mg/L		06/17/26 00:12	06/17/26 12:12	1
Toxaphene (1C)	0.00010	U	0.00010	0.000049	mg/L		06/17/26 00:12	06/17/26 12:12	1
Endosulfan, Total (1C)	0.0000026	U	0.0000026	0.0000010	mg/L		06/17/26 00:12	06/17/26 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*88*		*11 - 150*	*06/17/26 00:12*	*06/17/26 12:12*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*90*		*11 - 150*	*06/17/26 00:12*	*06/17/26 12:12*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*77*		*17 - 142*	*06/17/26 00:12*	*06/17/26 12:12*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*78*		*17 - 142*	*06/17/26 00:12*	*06/17/26 12:12*	*1*

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 180-515107/4-A
Matrix: Water
Analysis Batch: 515112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515107

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aldrin (2C)			0.0000250	0.0000258		mg/L		103	55 - 119		
alpha-BHC (2C)			0.0000250	0.0000250		mg/L		100	56 - 123		
beta-BHC (1C)			0.0000250	0.0000261		mg/L		104	49 - 116		
delta-BHC (2C)			0.0000250	0.0000161		mg/L		64	44 - 110		
gamma-BHC (Lindane) (2C)			0.0000250	0.0000267		mg/L		107	55 - 122		
cis-Chlordane (2C)			0.0000250	0.0000255		mg/L		102	55 - 125		
trans-Chlordane (2C)			0.0000250	0.0000273		mg/L		109	57 - 127		
4,4'-DDD (1C)			0.0000250	0.0000272		mg/L		109	50 - 113		
4,4'-DDE (1C)			0.0000250	0.0000246		mg/L		98	52 - 108		
4,4'-DDT (2C)			0.0000250	0.0000269		mg/L		108	40 - 124		
Dieldrin (1C)			0.0000250	0.0000237		mg/L		95	57 - 122		
Endosulfan I (1C)			0.0000250	0.0000260		mg/L		104	46 - 142		
Endosulfan II (2C)			0.0000250	0.0000242		mg/L		97	52 - 121		
Endosulfan sulfate (2C)			0.0000250	0.0000224		mg/L		90	37 - 124		
Endrin (1C)			0.0000250	0.0000250		mg/L		100	58 - 124		
Endrin aldehyde (1C)			0.0000250	0.0000252		mg/L		101	42 - 125		
Endrin ketone (2C)			0.0000250	0.0000274		mg/L		110	46 - 128		
Heptachlor (2C)			0.0000250	0.0000313		mg/L		125	53 - 131		
Heptachlor epoxide (2C)			0.0000250	0.0000267		mg/L		107	58 - 125		
Methoxychlor (1C)			0.0000250	0.0000291		mg/L		116	33 - 132		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr) (1C)	*89*		*11 - 150*
Tetrachloro-m-xylene (Surr) (2C)	*95*		*11 - 150*
DCB Decachlorobiphenyl (Surr) (1C)	*82*		*17 - 142*
DCB Decachlorobiphenyl (Surr) (2C)	*80*		*17 - 142*

Lab Sample ID: LCSD 180-515107/5-A
Matrix: Water
Analysis Batch: 515112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515107

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin (2C)			0.0000250	0.0000259		mg/L		104	55 - 119	0	16
alpha-BHC (2C)			0.0000250	0.0000246		mg/L		98	56 - 123	2	15
beta-BHC (2C)			0.0000250	0.0000255		mg/L		102	49 - 116	2	18
delta-BHC (2C)			0.0000250	0.0000160		mg/L		64	44 - 110	1	19
gamma-BHC (Lindane) (2C)			0.0000250	0.0000269		mg/L		107	55 - 122	0	15
cis-Chlordane (2C)			0.0000250	0.0000258		mg/L		103	55 - 125	1	17
trans-Chlordane (2C)			0.0000250	0.0000274		mg/L		109	57 - 127	0	17
4,4'-DDD (1C)			0.0000250	0.0000248		mg/L		99	50 - 113	9	19
4,4'-DDE (1C)			0.0000250	0.0000239		mg/L		96	52 - 108	3	16
4,4'-DDT (2C)			0.0000250	0.0000278		mg/L		111	40 - 124	3	19
Dieldrin (2C)			0.0000250	0.0000240		mg/L		96	57 - 122	1	30
Endosulfan I (1C)			0.0000250	0.0000263		mg/L		105	46 - 142	1	26
Endosulfan II (2C)			0.0000250	0.0000246		mg/L		99	52 - 121	2	17

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 180-515107/5-A
Matrix: Water
Analysis Batch: 515112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515107

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan sulfate (2C)			0.0000250	0.0000229		mg/L		92	37 - 124	2	31
Endrin (1C)			0.0000250	0.0000248		mg/L		99	58 - 124	1	19
Endrin aldehyde (2C)			0.0000250	0.0000266		mg/L		107	42 - 125	6	29
Endrin ketone (2C)			0.0000250	0.0000286		mg/L		114	46 - 128	4	35
Heptachlor (2C)			0.0000250	0.0000307		mg/L		123	53 - 131	2	15
Heptachlor epoxide (2C)			0.0000250	0.0000268		mg/L		107	58 - 125	0	17
Methoxychlor (2C)			0.0000250	0.0000298		mg/L		119	33 - 132	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr) (1C)	*91*		*11 - 150*
Tetrachloro-m-xylene (Surr) (2C)	*94*		*11 - 150*
DCB Decachlorobiphenyl (Surr) (1C)	*85*		*17 - 142*
DCB Decachlorobiphenyl (Surr) (2C)	*85*		*17 - 142*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-515107/1-A
Matrix: Water
Analysis Batch: 515118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515107

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.000010	U	0.000010	0.0000048	mg/L		06/17/26 00:12	06/17/26 13:04	1
PCB-1221 (1C)	0.000010	U	0.000010	0.0000057	mg/L		06/17/26 00:12	06/17/26 13:04	1
PCB-1232 (1C)	0.000010	U	0.000010	0.0000052	mg/L		06/17/26 00:12	06/17/26 13:04	1
PCB-1242 (1C)	0.000010	U	0.000010	0.0000036	mg/L		06/17/26 00:12	06/17/26 13:04	1
PCB-1248 (1C)	0.000010	U	0.000010	0.0000080	mg/L		06/17/26 00:12	06/17/26 13:04	1
PCB-1254 (1C)	0.000010	U	0.000010	0.0000046	mg/L		06/17/26 00:12	06/17/26 13:04	1
PCB-1260 (1C)	0.000010	U	0.000010	0.0000039	mg/L		06/17/26 00:12	06/17/26 13:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*104*		*23 - 133*	*06/17/26 00:12*	*06/17/26 13:04*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*98*		*23 - 133*	*06/17/26 00:12*	*06/17/26 13:04*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*83*		*20 - 133*	*06/17/26 00:12*	*06/17/26 13:04*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*85*		*20 - 133*	*06/17/26 00:12*	*06/17/26 13:04*	*1*

Lab Sample ID: LCS 180-515107/2-A
Matrix: Water
Analysis Batch: 515118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515107

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (2C)			0.00100	0.000715		mg/L		71	42 - 119
PCB-1260 (2C)			0.00100	0.000886		mg/L		89	47 - 107

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 180-515107/2-A
Matrix: Water
Analysis Batch: 515118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515107

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	88		23 - 133
DCB Decachlorobiphenyl (Surr) (2C)	90		23 - 133
Tetrachloro-m-xylene (Surr) (1C)	79		20 - 133
Tetrachloro-m-xylene (Surr) (2C)	83		20 - 133

Lab Sample ID: LCSD 180-515107/3-A
Matrix: Water
Analysis Batch: 515118

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515107

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016 (2C)			0.00100	0.000713		mg/L		71	42 - 119	0	23
PCB-1260 (2C)			0.00100	0.000875		mg/L		88	47 - 107	1	22

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	86		23 - 133
DCB Decachlorobiphenyl (Surr) (2C)	87		23 - 133
Tetrachloro-m-xylene (Surr) (1C)	82		20 - 133
Tetrachloro-m-xylene (Surr) (2C)	85		20 - 133

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-838281/1-A
Matrix: Water
Analysis Batch: 838706

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 838281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.025	U	0.025	0.012	mg/L		06/19/26 09:40	06/19/26 16:34	1
Antimony	0.0010	U	0.0010	0.00020	mg/L		06/19/26 09:40	06/19/26 16:34	1
Arsenic	0.0020	U	0.0020	0.00068	mg/L		06/19/26 09:40	06/19/26 16:34	1
Barium	0.0020	U	0.0020	0.00075	mg/L		06/19/26 09:40	06/19/26 16:34	1
Beryllium	0.00050	U	0.00050	0.00012	mg/L		06/19/26 09:40	06/19/26 16:34	1
Cadmium	0.00050	U	0.00050	0.00015	mg/L		06/19/26 09:40	06/19/26 16:34	1
Calcium	0.10	U	0.10	0.050	mg/L		06/19/26 09:40	06/19/26 16:34	1
Chromium	0.0020	U	0.0020	0.00055	mg/L		06/19/26 09:40	06/19/26 16:34	1
Cobalt	0.00050	U	0.00050	0.00016	mg/L		06/19/26 09:40	06/19/26 16:34	1
Copper	0.0010	U	0.0010	0.00085	mg/L		06/19/26 09:40	06/19/26 16:34	1
Iron	0.050	U	0.050	0.020	mg/L		06/19/26 09:40	06/19/26 16:34	1
Lead	0.00050	U	0.00050	0.00012	mg/L		06/19/26 09:40	06/19/26 16:34	1
Magnesium	0.050	U	0.050	0.016	mg/L		06/19/26 09:40	06/19/26 16:34	1
Manganese	0.0020	U	0.0020	0.0012	mg/L		06/19/26 09:40	06/19/26 16:34	1
Nickel	0.0010	U	0.0010	0.00040	mg/L		06/19/26 09:40	06/19/26 16:34	1
Potassium	0.20	U	0.20	0.065	mg/L		06/19/26 09:40	06/19/26 16:34	1

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

Lab Sample ID: MB 410-838281/1-A
Matrix: Water
Analysis Batch: 838706

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 838281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.0010	U	0.0010	0.00028	mg/L		06/19/26 09:40	06/19/26 16:34	1
Silver	0.00050	U	0.00050	0.00010	mg/L		06/19/26 09:40	06/19/26 16:34	1
Sodium	0.20	U	0.20	0.090	mg/L		06/19/26 09:40	06/19/26 16:34	1
Thallium	0.00050	U	0.00050	0.00013	mg/L		06/19/26 09:40	06/19/26 16:34	1
Zinc	0.010	U	0.010	0.0040	mg/L		06/19/26 09:40	06/19/26 16:34	1
Vanadium	0.0040	U	0.0040	0.00079	mg/L		06/19/26 09:40	06/19/26 16:34	1

Lab Sample ID: LCS 410-838281/2-A
Matrix: Water
Analysis Batch: 838706

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 838281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.92		mg/L		98	83 - 114
Antimony	0.100	0.100		mg/L		100	85 - 115
Arsenic	0.500	0.504		mg/L		101	86 - 111
Barium	0.500	0.518		mg/L		104	86 - 114
Beryllium	0.0500	0.0496		mg/L		99	80 - 120
Cadmium	0.0500	0.0510		mg/L		102	86 - 114
Calcium	5.00	4.79		mg/L		96	84 - 113
Chromium	0.500	0.509		mg/L		102	84 - 113
Cobalt	0.500	0.499		mg/L		100	85 - 112
Copper	0.500	0.506		mg/L		101	86 - 111
Iron	5.00	5.09		mg/L		102	84 - 114
Lead	0.0500	0.0510		mg/L		102	86 - 114
Magnesium	5.00	4.94		mg/L		99	84 - 113
Manganese	0.500	0.506		mg/L		101	84 - 113
Nickel	0.500	0.504		mg/L		101	85 - 113
Potassium	5.00	4.90		mg/L		98	87 - 111
Selenium	0.100	0.102		mg/L		102	86 - 111
Silver	0.0500	0.0519		mg/L		104	88 - 116
Sodium	5.00	4.90		mg/L		98	84 - 114
Thallium	0.100	0.102		mg/L		102	86 - 113
Zinc	0.500	0.509		mg/L		102	86 - 112
Vanadium	0.500	0.504		mg/L		101	84 - 112

Lab Sample ID: MB 410-840583/1-A
Matrix: Water
Analysis Batch: 841319

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 840583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.025	U	0.025	0.012	mg/L		06/24/26 07:20	06/24/26 16:29	1
Antimony	0.0010	U	0.0010	0.00020	mg/L		06/24/26 07:20	06/24/26 16:29	1
Arsenic	0.0020	U	0.0020	0.00068	mg/L		06/24/26 07:20	06/24/26 16:29	1
Barium	0.0020	U	0.0020	0.00075	mg/L		06/24/26 07:20	06/24/26 16:29	1
Beryllium	0.00050	U	0.00050	0.00012	mg/L		06/24/26 07:20	06/24/26 16:29	1
Cadmium	0.00050	U	0.00050	0.00015	mg/L		06/24/26 07:20	06/24/26 16:29	1
Calcium	0.10	U	0.10	0.050	mg/L		06/24/26 07:20	06/24/26 16:29	1
Chromium	0.0020	U	0.0020	0.00055	mg/L		06/24/26 07:20	06/24/26 16:29	1
Cobalt	0.00050	U	0.00050	0.00016	mg/L		06/24/26 07:20	06/24/26 16:29	1

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Job ID: 630-138117-1

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

Lab Sample ID: MB 410-840583/1-A
Matrix: Water
Analysis Batch: 841319

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 840583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	0.0010	U	0.0010	0.00085	mg/L		06/24/26 07:20	06/24/26 16:29	1
Iron	0.050	U	0.050	0.020	mg/L		06/24/26 07:20	06/24/26 16:29	1
Lead	0.00050	U	0.00050	0.00012	mg/L		06/24/26 07:20	06/24/26 16:29	1
Magnesium	0.050	U	0.050	0.016	mg/L		06/24/26 07:20	06/24/26 16:29	1
Manganese	0.0020	U	0.0020	0.0012	mg/L		06/24/26 07:20	06/24/26 16:29	1
Nickel	0.0010	U	0.0010	0.00040	mg/L		06/24/26 07:20	06/24/26 16:29	1
Potassium	0.20	U	0.20	0.065	mg/L		06/24/26 07:20	06/24/26 16:29	1
Selenium	0.0010	U	0.0010	0.00028	mg/L		06/24/26 07:20	06/24/26 16:29	1
Silver	0.00050	U	0.00050	0.00010	mg/L		06/24/26 07:20	06/24/26 16:29	1
Sodium	0.20	U	0.20	0.090	mg/L		06/24/26 07:20	06/24/26 16:29	1
Thallium	0.00050	U	0.00050	0.00013	mg/L		06/24/26 07:20	06/24/26 16:29	1
Zinc	0.010	U	0.010	0.0040	mg/L		06/24/26 07:20	06/24/26 16:29	1
Vanadium	0.0040	U	0.0040	0.00079	mg/L		06/24/26 07:20	06/24/26 16:29	1

Lab Sample ID: LCS 410-840583/2-A
Matrix: Water
Analysis Batch: 841319

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 840583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	5.28		mg/L		106	83 - 114
Antimony	0.100	0.110		mg/L		110	85 - 115
Arsenic	0.500	0.538		mg/L		108	86 - 111
Barium	0.500	0.531		mg/L		106	86 - 114
Beryllium	0.0500	0.0522		mg/L		104	80 - 120
Cadmium	0.0500	0.0538		mg/L		108	86 - 114
Calcium	5.00	5.26		mg/L		105	84 - 113
Chromium	0.500	0.542		mg/L		108	84 - 113
Cobalt	0.500	0.547		mg/L		109	85 - 112
Copper	0.500	0.526		mg/L		105	86 - 111
Iron	5.00	5.49		mg/L		110	84 - 114
Lead	0.0500	0.0546		mg/L		109	86 - 114
Magnesium	5.00	5.38		mg/L		108	84 - 113
Manganese	0.500	0.541		mg/L		108	84 - 113
Nickel	0.500	0.527		mg/L		105	85 - 113
Potassium	5.00	5.31		mg/L		106	87 - 111
Selenium	0.100	0.111		mg/L		111	86 - 111
Silver	0.0500	0.0550		mg/L		110	88 - 116
Sodium	5.00	5.33		mg/L		107	84 - 114
Thallium	0.100	0.101		mg/L		101	86 - 113
Zinc	0.500	0.538		mg/L		108	86 - 112
Vanadium	0.500	0.544		mg/L		109	84 - 112

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-837799/14-A
Matrix: Water
Analysis Batch: 838823

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837799

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00020	U	0.00020	0.000087	mg/L		06/19/26 15:44	06/19/26 22:05	1

Lab Sample ID: LCS 410-837799/15-A
Matrix: Water
Analysis Batch: 838823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837799

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00100	0.00111		mg/L		111	80 - 120

Method: EPA 9014 - Cyanide

Lab Sample ID: MB 180-515181/4-A
Matrix: Water
Analysis Batch: 515208

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515181

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0080	mg/L		06/18/26 12:44	06/18/26 16:16	1

Lab Sample ID: HLCS 180-515181/2-A
Matrix: Water
Analysis Batch: 515208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515181

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.261		mg/L		104	90 - 110

Lab Sample ID: LCS 180-515181/3-A
Matrix: Water
Analysis Batch: 515208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515181

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.200	0.192		mg/L		96	85 - 115

Lab Sample ID: LLCS 180-515181/1-A
Matrix: Water
Analysis Batch: 515208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515181

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0500	0.0508		mg/L		102	90 - 110

Lab Sample ID: 630-138117-1 MS
Matrix: Water
Analysis Batch: 515208

Client Sample ID: SITE WATER
Prep Type: Total/NA
Prep Batch: 515181

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.010	U	0.200	0.174		mg/L		87	75 - 125

Method: EPA 9014 - Cyanide (Continued)

Lab Sample ID: 630-138117-1 MSD
Client Sample ID: SITE WATER
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515208
Prep Batch: 515181

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.010	U	0.200	0.177		mg/L		89	75 - 125	2	20

Lab Sample ID: 630-138117-2 MS
Client Sample ID: FIELD BLANK
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515208
Prep Batch: 515181

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.010	U	0.200	0.153		mg/L		76	75 - 125

Lab Sample ID: 630-138117-2 MSD
Client Sample ID: FIELD BLANK
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515208
Prep Batch: 515181

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.010	U	0.200	0.156		mg/L		78	75 - 125	2	20

Lab Sample ID: 630-138117-1 DU
Client Sample ID: SITE WATER
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515208
Prep Batch: 515181

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.010	U	0.010	U	mg/L		NC	20

Lab Sample ID: 630-138117-2 DU
Client Sample ID: FIELD BLANK
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515208
Prep Batch: 515181

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	0.010	U	0.010	U	mg/L		NC	20

GC/MS Semi VOA

Prep Batch: 515101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	3520C	
630-138117-2	FIELD BLANK	Total/NA	Water	3520C	
MB 180-515101/1-A	Method Blank	Total/NA	Water	3520C	
LCS 180-515101/2-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 180-515101/3-A	Lab Control Sample Dup	Total/NA	Water	3520C	

Analysis Batch: 515161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	EPA 8270E LL	515101
630-138117-2	FIELD BLANK	Total/NA	Water	EPA 8270E LL	515101
MB 180-515101/1-A	Method Blank	Total/NA	Water	EPA 8270E LL	515101
LCS 180-515101/2-A	Lab Control Sample	Total/NA	Water	EPA 8270E LL	515101
LCSD 180-515101/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 8270E LL	515101

GC Semi VOA

Prep Batch: 515107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	3510C	
630-138117-2	FIELD BLANK	Total/NA	Water	3510C	
MB 180-515107/1-A	Method Blank	Total/NA	Water	3510C	
LCS 180-515107/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 180-515107/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 180-515107/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 180-515107/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 515112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	EPA 8081B LL	515107
630-138117-2	FIELD BLANK	Total/NA	Water	EPA 8081B LL	515107
MB 180-515107/1-A	Method Blank	Total/NA	Water	EPA 8081B LL	515107
LCS 180-515107/4-A	Lab Control Sample	Total/NA	Water	EPA 8081B LL	515107
LCSD 180-515107/5-A	Lab Control Sample Dup	Total/NA	Water	EPA 8081B LL	515107

Analysis Batch: 515118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	EPA 8082A	515107
630-138117-2	FIELD BLANK	Total/NA	Water	EPA 8082A	515107
MB 180-515107/1-A	Method Blank	Total/NA	Water	EPA 8082A	515107
LCS 180-515107/2-A	Lab Control Sample	Total/NA	Water	EPA 8082A	515107
LCSD 180-515107/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 8082A	515107

Analysis Batch: 515188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	PCB	
630-138117-2	FIELD BLANK	Total/NA	Water	PCB	

Metals

Prep Batch: 837799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 837799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-2	FIELD BLANK	Total/NA	Water	7470A	
MB 410-837799/14-A	Method Blank	Total/NA	Water	7470A	
LCS 410-837799/15-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 838281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-2	FIELD BLANK	Total Recoverable	Water	3005A	
MB 410-838281/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-838281/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 838706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-2	FIELD BLANK	Total Recoverable	Water	6020B	838281
MB 410-838281/1-A	Method Blank	Total Recoverable	Water	6020B	838281
LCS 410-838281/2-A	Lab Control Sample	Total Recoverable	Water	6020B	838281

Analysis Batch: 838823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	7470A	837799
630-138117-2	FIELD BLANK	Total/NA	Water	7470A	837799
MB 410-837799/14-A	Method Blank	Total/NA	Water	7470A	837799
LCS 410-837799/15-A	Lab Control Sample	Total/NA	Water	7470A	837799

Prep Batch: 840583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total Recoverable	Water	3005A	
MB 410-840583/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-840583/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 841319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total Recoverable	Water	6020B	840583
630-138117-1	SITE WATER	Total Recoverable	Water	6020B	840583
MB 410-840583/1-A	Method Blank	Total Recoverable	Water	6020B	840583
LCS 410-840583/2-A	Lab Control Sample	Total Recoverable	Water	6020B	840583

General Chemistry

Prep Batch: 515181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	9010C	
630-138117-2	FIELD BLANK	Total/NA	Water	9010C	
MB 180-515181/4-A	Method Blank	Total/NA	Water	9010C	
HLCS 180-515181/2-A	Lab Control Sample	Total/NA	Water	9010C	
LCS 180-515181/3-A	Lab Control Sample	Total/NA	Water	9010C	
LLCS 180-515181/1-A	Lab Control Sample	Total/NA	Water	9010C	
630-138117-1 MS	SITE WATER	Total/NA	Water	9010C	
630-138117-1 MSD	SITE WATER	Total/NA	Water	9010C	
630-138117-2 MS	FIELD BLANK	Total/NA	Water	9010C	
630-138117-2 MSD	FIELD BLANK	Total/NA	Water	9010C	
630-138117-1 DU	SITE WATER	Total/NA	Water	9010C	

General Chemistry (Continued)

Prep Batch: 515181 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-2 DU	FIELD BLANK	Total/NA	Water	9010C	

Analysis Batch: 515208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138117-1	SITE WATER	Total/NA	Water	EPA 9014	515181
630-138117-2	FIELD BLANK	Total/NA	Water	EPA 9014	515181
MB 180-515181/4-A	Method Blank	Total/NA	Water	EPA 9014	515181
HLCS 180-515181/2-A	Lab Control Sample	Total/NA	Water	EPA 9014	515181
LCS 180-515181/3-A	Lab Control Sample	Total/NA	Water	EPA 9014	515181
LLCS 180-515181/1-A	Lab Control Sample	Total/NA	Water	EPA 9014	515181
630-138117-1 MS	SITE WATER	Total/NA	Water	EPA 9014	515181
630-138117-1 MSD	SITE WATER	Total/NA	Water	EPA 9014	515181
630-138117-2 MS	FIELD BLANK	Total/NA	Water	EPA 9014	515181
630-138117-2 MSD	FIELD BLANK	Total/NA	Water	EPA 9014	515181
630-138117-1 DU	SITE WATER	Total/NA	Water	EPA 9014	515181
630-138117-2 DU	FIELD BLANK	Total/NA	Water	EPA 9014	515181

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Client Sample ID: SITE WATER
Lab Sample ID: 630-138117-1
Date Collected: 06/10/26 15:00
Matrix: Water
Date Received: 06/11/26 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3520C			515101	VJC	EET PIT	06/16/26 20:19
Total/NA	Analysis	EPA 8270E LL		1	515161	VVP	EET PIT	06/18/26 19:40
Total/NA	Prep	3510C			515107	VJC	EET PIT	06/17/26 00:12
Total/NA	Analysis	EPA 8081B LL		1	515112	JMO	EET PIT	06/17/26 13:06
Total/NA	Prep	3510C			515107	VJC	EET PIT	06/17/26 00:12
Total/NA	Analysis	EPA 8082A		1	515118	JMO	EET PIT	06/17/26 13:57
Total/NA	Analysis	PCB		1	515188	SAB	EET PIT	06/17/26 13:57
Total Recoverable	Prep	3005A			840583	VT6A	ELLE	06/24/26 07:20
Total Recoverable	Analysis	6020B		1	841319	I9IN	ELLE	06/24/26 16:56
Total Recoverable	Prep	3005A			840583	VT6A	ELLE	06/24/26 07:20
Total Recoverable	Analysis	6020B		100	841319	I9IN	ELLE	06/24/26 19:13
Total/NA	Prep	7470A			837799	HNC4	ELLE	06/19/26 15:44
Total/NA	Analysis	7470A		1	838823	HNC4	ELLE	06/19/26 23:13
Total/NA	Prep	9010C			515181	RAO	EET PIT	06/18/26 12:44
Total/NA	Analysis	EPA 9014		1	515208	RAO	EET PIT	06/18/26 16:19

Client Sample ID: FIELD BLANK
Lab Sample ID: 630-138117-2
Date Collected: 06/11/26 08:41
Matrix: Water
Date Received: 06/11/26 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3520C			515101	VJC	EET PIT	06/16/26 20:19
Total/NA	Analysis	EPA 8270E LL		1	515161	VVP	EET PIT	06/18/26 20:03
Total/NA	Prep	3510C			515107	VJC	EET PIT	06/17/26 00:12
Total/NA	Analysis	EPA 8081B LL		1	515112	JMO	EET PIT	06/17/26 13:24
Total/NA	Prep	3510C			515107	VJC	EET PIT	06/17/26 00:12
Total/NA	Analysis	EPA 8082A		1	515118	JMO	EET PIT	06/17/26 14:14
Total/NA	Analysis	PCB		1	515188	SAB	EET PIT	06/17/26 14:14
Total Recoverable	Prep	3005A			838281	VT6A	ELLE	06/19/26 09:40
Total Recoverable	Analysis	6020B		1	838706	I9IN	ELLE	06/19/26 16:51
Total/NA	Prep	7470A			837799	HNC4	ELLE	06/19/26 15:44
Total/NA	Analysis	7470A		1	838823	HNC4	ELLE	06/19/26 23:16
Total/NA	Prep	9010C			515181	RAO	EET PIT	06/18/26 12:44
Total/NA	Analysis	EPA 9014		1	515208	RAO	EET PIT	06/18/26 16:31

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, [redacted]

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, [redacted]

Accreditation/Certification Summary

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-26

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA005	06-30-26

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP PA 005. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
EPA 8081B LL	3510C	Water	Endosulfan, Total (1C)
EPA 8270E LL	3520C	Water	Cresols, Total
EPA 9014	9010C	Water	Cyanide, Total
PCB		Water	Polychlorinated biphenyls, Total

Method Summary

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Method	Method Description	Protocol	Laboratory
EPA 8270E LL	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8081B LL	Organochlorine Pesticides (GC)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
PCB	Total PCB Calculation	TAL SOP	EET PIT
6020B	Metals (ICP/MS)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
EPA 9014	Cyanide	SW846	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PIT
3520C	Liquid-Liquid Extraction (Continuous)	SW846	EET PIT
7470A	Preparation, Mercury	SW846	ELLE
9010C	Cyanide, Distillation	SW846	EET PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, [redacted]

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, [redacted]

Sample Summary

Client: ST Hudson Engineers
Job ID: 630-138117-1
Project/Site: DRBA Lewes Ferry Terminal - SW/FB

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
630-138117-1	SITE WATER	Water	06/10/26 15:00	06/11/26 08:46	New Jersey
630-138117-2	FIELD BLANK	Water	06/11/26 08:41	06/11/26 08:46	New Jersey

630 10512

eurofins | Drinking Water and Wastewater Northeast, LLC

795 Horsham Road
Horsham, PA 19044

CHAIN OF CUSTODY

Page 1 of 1

630-138117 Chain of Custody

Bill to/Report to (if different)

Sampling Site Address (if different) Include State: DRBA LEWES FERRY TERMINAL

Client/Acct. No.
Address: 900 Ducley Ave
City/State/Zip: Cherry Hill, NJ, 08002
Phone/Fax
Client Contact: Clare Mueller

P.O. No. PWSID#:
Quote#
e-mail:

___ Ascorbic/HCL Vials # ___ HCl Vials
___ $Na_2S_2O_3$
___ NaOH/Znacetate
2 HNO_3 250 pL
___ H_2SO_4
2 NaOH 250 pL
___ Unpreserved 4-Amb 01, 10-250 Amb
___ HCl # ___ NH_4Cl # ___ MeOH
___ DI Water

MATRIX CODES
DW: DRINKING WATER
GW: GROUND WATER
WW: WASTEWATER
SO: SOIL
SL: SLUDGE
OIL: OIL
SOL: NON SOIL SOLID
MI: MISCELLANEOUS
X: OTHER

LAB USE ONLY

PROJECT / FIELD ID	Collection Date	Military Time	GRAB	COMP	Matrix Code	Number of Containers Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	UNPRE	BACT	ANALYSIS REQUESTED	Field pH, Temp (°C), DO, C12, Cond, etc.
C-1	6/10	11:15													Grain Size TOC % Solids	
C-2	6/10	11:52														
C-3		1:41														
C-4		12:34														
C-5		1:26														
C-6		10:56														
C-7		12:39														
C-8		1:13														
SW	6/10	3:00													8270, 8081, 8082, TAL Metals, CN	
FB	6/11	8:41														

SAMPLED BY: (Name/Company)
S.T. Hudson Eng, Inc.
Clare Mueller

TAT : ☐ STANDARD (10 DAY) or DUE DATE ___/___/___

Report Format: ☐ Standard ☐ NJ-RDD ☐ SRP-RDD ☐ Standard + QC ☐ Forms ☐ EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By:
Initials | Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, IE. 8AM IS 0800, 4 PM IS 1600)

	DATE	TIME		DATE	TIME
RELINQUISHED BY SAMPLER 1. Clare Mueller	6/11	845	RECEIVED BY 1.	6/11	0846
RELINQUISHED BY 2.	6/11	1703	RECEIVED BY 2.		
RELINQUISHED BY 3.			RECEIVED BY 3.		
RELINQUISHED BY 4.			RECEIVED BY 4.		
RELINQUISHED BY 5.			RECEIVED BY 5.		

DELIVERY: ☐ FEETP COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER ___

Custody Seal Number

Rec'd Temp.: ___ Initials: ___ Ice Y / N Location: ___

COMMENTS:

Hazardous: yes / no

6/30/2026



ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD

HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 15JUN26
ACTWGT: 64.35 LB
CAD: 265788972/CAFE4004
DIMS: 25x14x14 IN

BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

(412) 963-7058 REF:
INV#
PO#
DEPT#

Uncorrected temp 3.1 °C
Thermometer ID 35

CF -0.2 Initials MR

PT-WI-SR-001 effective 7/26/13

FedEx Express

J26102512110 1ev1

TRK# 0201 4881 3411 2555

TUE - 16 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

Part# 156148-43 REV E 02/

1162560
E
17-01

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22207 1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138117-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/9/2026	Analysis Requested		Preservation Codes: -
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_LL/3520C_LVI_LL(MOD) 8270 Semivolatiles	8081B_LL/3510C_LL(MOD) 8081 Pesticides	8082A_LL/3510C_LL8082 PCBs	Total_PCBTotal PCB Calculation	9014/9010CCyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SW (630-138117-1)	6/10/26	15 00 Eastern	G	Water			X	X	X	X	X	8	
FB (630-138117-2)	6/11/26	08 41 Eastern	G	Water			X	X	X	X	X	8	

630-138117 Chain of Custody

Note Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/15/26 1700	eolp	[signature]	6-16-26 0905	EUFANA
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22208.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138117-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/9/2026	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005ATAL Metals	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SW (630-138117-1)	6/10/26	15:00 Eastern	G	Water			X	X	1	
FB (630-138117-2)	6/11/26	08:41 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	6/15/26 1414	[signature]			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	6/15/26 2050	[signature]

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.: 3	Cooler Temperature(s) °C and Other Remarks: R: 2.6 C: 2.7

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138117-1

Login Number: 138117

List Source: EurofinsPhiladelphia

List Number: 1

Creator: Kurz, Chris

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

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138117-1

Login Number: 138117
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/15/26 04:00 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138117-1

Login Number: 138117
List Number: 3
Creator: Walters, Shelby M

List Source: Eurofins Pittsburgh
List Creation: 06/16/26 11:59 AM

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Ferry
ST Hudson Engineers
900 Dudley Avenue
Cherry Hill, New Jersey 08002
Generated 7/6/2026 6:25:14 AM

JOB DESCRIPTION

DRBA Lewes Ferry Terminal - Discrete

JOB NUMBER

630-138167-1

EurofinsPhiladelphia
795 Horsham Road
Horsham PA 19044-0962

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager or designee who has signed this report.

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

Authorization



Generated
7/6/2026 6:25:14 AM

Authorized for release by
Erin Dougherty, Project Administrator
[redacted]

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 14
Surrogate Summary 51
QC Sample Results 53
QC Association Summary 65
Lab Chronicle 69
Certification Summary 75
Method Summary 76
Sample Summary 77
Chain of Custody 78
Receipt Checklists 94

Definitions/Glossary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
630-138167-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 6/16/2026 9:49 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

GC/MS Semi VOA
Method EPA 8270E LL - Dissolved: The continuing calibration verification (CCV) analyzed in 180-515605 was outside the method criteria for the following analyte(s): Bis(2-chloroethyl)ether, Isophorone and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

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

Pesticides
Method EPA 8081B LL - Dissolved: The laboratory control sample duplicate (LCSD) for preparation batch 180-515476 and analytical batch 180-515650 recovered outside control limits for the following analytes: methoxychlor. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method EPA 8081B LL - Dissolved: The continuing calibration verification (CCV) associated with 180-515650 recovered low and outside the control limits for toxaphene on one column. Results are confirmed on both columns and hits were reported from the passing column. The associated sample is: (CCV 180-515650/2).

Method EPA 8081B LL - Dissolved: The continuing calibration verification (CCV) associated with batch 180-515650 recovered above the upper control limit for methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

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

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

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

Detection Summary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-1 — Lab Sample ID: 630-138167-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	55000		2500	2400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-1 — Lab Sample ID: 630-138167-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Solids	41		0.10	0.10	%	1		2540G-2011	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	97.6				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	94.7				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	91.0				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	87.6				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	85.5				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	78.8				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	28.8				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	26.0				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	17.6				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	17.6				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	12.1				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	9.3				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	9.3				% Finer	1		D422	Total/NA
Clay	12.1				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	15.9				%	1		D422	Total/NA
Medium Sand	5.3				%	1		D422	Total/NA
Sand	21.2				%	1		D422	Total/NA
Silt	66.7				%	1		D422	Total/NA

Client Sample ID: C-2 — Lab Sample ID: 630-138167-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	52000		2500	2400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-2 — Lab Sample ID: 630-138167-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Solids	40		0.10	0.10	%	1		2540G-2011	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	98.1				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	94.7				% Finer	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-2 (Continued) — Lab Sample ID: 630-138167-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
0.25 mm (Sieve Size #60)	90.7				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	87.1				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	85 0				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	77.3				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	32.2				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	26.5				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	18.0				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	18.0				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	15.1				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	10.9				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	9.5				% Finer	1		D422	Total/NA
Clay	15.1				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	17.4				%	1		D422	Total/NA
Medium Sand	5.3				%	1		D422	Total/NA
Sand	22.7				%	1		D422	Total/NA
Silt	62.2				%	1		D422	Total/NA

Client Sample ID: C-3 — Lab Sample ID: 630-138167-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	40000		2400	2300	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-3 — Lab Sample ID: 630-138167-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Solids	40		0.10	0.10	%	1		2540G-2011	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	98.0				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	96.4				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	94.6				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	91.2				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	88.9				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	84.6				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	48.1				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	39.8				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	25.9				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	23.1				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	20.3				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	14.8				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	12.0				% Finer	1		D422	Total/NA
Clay	20.3				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	11.8				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-3 (Continued) — Lab Sample ID: 630-138167-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Medium Sand	3.6				%	1		D422	Total/NA
Sand	15.4				%	1		D422	Total/NA
Silt	64.3				%	1		D422	Total/NA

Client Sample ID: C-5 — Lab Sample ID: 630-138167-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	44000		2500	2400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-5 — Lab Sample ID: 630-138167-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Solids	40		0.10	0.10	%	1		2540G-2011	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	96.4				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	94.5				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	93.2				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	91.9				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	91.1				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	88.2				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	42.3				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	34.0				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	25.8				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	20.2				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	16.1				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	12.0				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	10.6				% Finer	1		D422	Total/NA
Clay	16.1				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	6.3				%	1		D422	Total/NA
Medium Sand	5.5				%	1		D422	Total/NA
Sand	11.8				%	1		D422	Total/NA
Silt	72.1				%	1		D422	Total/NA

Client Sample ID: C-6 — Lab Sample ID: 630-138167-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	34000		2500	2400	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-6 — Lab Sample ID: 630-138167-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Solids	41		0.10	0.10	%	1		2540G-2011	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-6 (Continued) — Lab Sample ID: 630-138167-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100 0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	98.2				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	96.9				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	95.7				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	94.4				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	93.6				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	90.4				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	45.7				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	37.8				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	27.3				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	20.7				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	16.7				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	14.1				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	11.4				% Finer	1		D422	Total/NA
Clay	16.7				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	6.5				%	1		D422	Total/NA
Medium Sand	3.1				%	1		D422	Total/NA
Sand	9.6				%	1		D422	Total/NA
Silt	73.7				%	1		D422	Total/NA

Client Sample ID: C-7 — Lab Sample ID: 630-138167-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	41000		2200	2100	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-7 — Lab Sample ID: 630-138167-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Solids	40		0.10	0.10	%	1		2540G-2011	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	98.9				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	97.5				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	90.6				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	72.3				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	62.5				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	56.6				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	54.3				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	49.4				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	30.6				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	27.9				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	22.5				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	19.8				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	14.4				% Finer	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-7 (Continued) — Lab Sample ID: 630-138167-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3.3 um (Hydrometer Reading 6)	10.4				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	9.0				% Finer	1		D422	Total/NA
Clay	14 4				%	1		D422	Total/NA
Gravel	1.1				%	1		D422	Total/NA
Coarse Sand	1.4				%	1		D422	Total/NA
Fine Sand	22.9				%	1		D422	Total/NA
Medium Sand	25.2				%	1		D422	Total/NA
Sand	49.5				%	1		D422	Total/NA
Silt	35.0				%	1		D422	Total/NA

Client Sample ID: C-8 — Lab Sample ID: 630-138167-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	42000		2400	2300	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-8 — Lab Sample ID: 630-138167-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Solids	41		0.10	0.10	%	1		2540G-2011	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	97.9				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	95.4				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	92.7				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	89.2				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	87.2				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	82.3				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	39.6				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	34.0				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	25.8				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	20.2				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	17.5				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	12.0				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	12.0				% Finer	1		D422	Total/NA
Clay	17.5				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	13.1				%	1		D422	Total/NA
Medium Sand	4.6				%	1		D422	Total/NA
Sand	17.7				%	1		D422	Total/NA
Silt	64.8				%	1		D422	Total/NA

Client Sample ID: SC-1 COMPOSITE (C1+C2) — Lab Sample ID: 630-138167-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	29000		300	100	mg/Kg	1		Lloyd Kahn	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: SC-2 COMPOSITE (C3+C7) — Lab Sample ID: 630-138167-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	20000		300	100	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8) — Lab Sample ID: 630-138167-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	15000		300	100	mg/Kg	1		Lloyd Kahn	Total/NA

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED — Lab Sample ID: 630-138167-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	1.7	J	5.0	0.68	ug/L	1		EPA 8270E LL	Dissolved
Di-n-butyl phthalate	0.53	J	1.0	0.38	ug/L	1		EPA 8270E LL	Dissolved
Diethyl phthalate	0.26	J	1.0	0.25	ug/L	1		EPA 8270E LL	Dissolved
alpha-BHC (2C)	0.0024		0.0013	0.00023	ug/L	1		EPA 8081B LL	Dissolved
Antimony	1.2		1.0	0.20	ug/L	1		6020B	Dissolved
Arsenic	10		2.0	0.68	ug/L	1		6020B	Dissolved
Barium	24		2.0	0.75	ug/L	1		6020B	Dissolved
Beryllium	0.17	J	0.50	0.12	ug/L	1		6020B	Dissolved
Calcium	360000		10000	5000	ug/L	100		6020B	Dissolved
Chromium	0.55	J	2.0	0.55	ug/L	1		6020B	Dissolved
Cobalt	0.39	J	0.50	0.16	ug/L	1		6020B	Dissolved
Iron	130		50	20	ug/L	1		6020B	Dissolved
Lead	0.22	J	0.50	0.12	ug/L	1		6020B	Dissolved
Magnesium	1200000		5000	1600	ug/L	100		6020B	Dissolved
Manganese	1400		2.0	1.2	ug/L	1		6020B	Dissolved
Nickel	1.1		1.0	0.40	ug/L	1		6020B	Dissolved
Potassium	380000		20000	6500	ug/L	100		6020B	Dissolved
Selenium	1.2		1.0	0.28	ug/L	1		6020B	Dissolved
Sodium	10000000	^2	20000	9000	ug/L	100		6020B	Dissolved
Thallium	0.67		0.50	0.13	ug/L	1		6020B	Dissolved
Vanadium	2.6	J	4.0	0.79	ug/L	1		6020B	Dissolved

Client Sample ID: SC-2 COMPOSITE ELUTRIATE DISSOLVED — Lab Sample ID: 630-138167-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Chloronaphthalene	0.061	J	0.19	0.059	ug/L	1		EPA 8270E LL	Dissolved
2-Methylnaphthalene	0.069	J	0.19	0.062	ug/L	1		EPA 8270E LL	Dissolved
Caprolactam	2.4	J	5.0	0.68	ug/L	1		EPA 8270E LL	Dissolved
Acenaphthene	0.079	J	0.19	0.065	ug/L	1		EPA 8270E LL	Dissolved
Butyl benzyl phthalate	1.5	J	2.0	0.94	ug/L	1		EPA 8270E LL	Dissolved
Di-n-butyl phthalate	1.3		1.0	0.38	ug/L	1		EPA 8270E LL	Dissolved
Diethyl phthalate	0.35	J	1.0	0.25	ug/L	1		EPA 8270E LL	Dissolved
alpha-BHC (1C)	0.0019	p	0.0013	0.00023	ug/L	1		EPA 8081B LL	Dissolved
Antimony	1.8		1.0	0.20	ug/L	1		6020B	Dissolved
Arsenic	11		2.0	0.68	ug/L	1		6020B	Dissolved
Barium	25		2.0	0.75	ug/L	1		6020B	Dissolved
Calcium	360000		10000	5000	ug/L	100		6020B	Dissolved
Iron	130		50	20	ug/L	1		6020B	Dissolved
Lead	0.38	J	0.50	0.12	ug/L	1		6020B	Dissolved
Magnesium	1200000		5000	1600	ug/L	100		6020B	Dissolved
Manganese	1200		2.0	1.2	ug/L	1		6020B	Dissolved
Nickel	0.78	J	1.0	0.40	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: SC-2 COMPOSITE ELUTRIATE DISSOLVED (Continued)
Lab Sample ID: 630-138167-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	370000		20000	6500	ug/L	100		6020B	Dissolved
Selenium	0.50	J	1.0	0.28	ug/L	1		6020B	Dissolved
Sodium	9800000	^2	20000	9000	ug/L	100		6020B	Dissolved
Vanadium	3.9	J	4.0	0.79	ug/L	1		6020B	Dissolved

Client Sample ID: SC-3 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Chloronaphthalene	0.13	J	0.19	0.059	ug/L	1		EPA 8270E LL	Dissolved
2-Methylnaphthalene	0.16	J	0.19	0.062	ug/L	1		EPA 8270E LL	Dissolved
Caprolactam	2.9	J	5.0	0.68	ug/L	1		EPA 8270E LL	Dissolved
Acenaphthene	0.11	J	0.19	0.065	ug/L	1		EPA 8270E LL	Dissolved
Acenaphthylene	0.082	J	0.19	0.065	ug/L	1		EPA 8270E LL	Dissolved
Butyl benzyl phthalate	1.1	J	2.0	0.94	ug/L	1		EPA 8270E LL	Dissolved
Di-n-butyl phthalate	1.1		1.0	0.38	ug/L	1		EPA 8270E LL	Dissolved
Diethyl phthalate	0.43	J	1.0	0.25	ug/L	1		EPA 8270E LL	Dissolved
Naphthalene	0.14	J	0.19	0.059	ug/L	1		EPA 8270E LL	Dissolved
alpha-BHC (2C)	0.0030		0.0013	0.00023	ug/L	1		EPA 8081B LL	Dissolved
Antimony	1.4		1.0	0.20	ug/L	1		6020B	Dissolved
Arsenic	6.7		2.0	0.68	ug/L	1		6020B	Dissolved
Barium	21		2.0	0.75	ug/L	1		6020B	Dissolved
Calcium	380000		10000	5000	ug/L	100		6020B	Dissolved
Cobalt	0.23	J	0.50	0.16	ug/L	1		6020B	Dissolved
Iron	54		50	20	ug/L	1		6020B	Dissolved
Lead	0.18	J	0.50	0.12	ug/L	1		6020B	Dissolved
Magnesium	1200000		5000	1600	ug/L	100		6020B	Dissolved
Manganese	970		2.0	1.2	ug/L	1		6020B	Dissolved
Nickel	0.63	J	1.0	0.40	ug/L	1		6020B	Dissolved
Potassium	390000		20000	6500	ug/L	100		6020B	Dissolved
Selenium	0.52	J	1.0	0.28	ug/L	1		6020B	Dissolved
Sodium	10000000	^2	20000	9000	ug/L	100		6020B	Dissolved
Vanadium	3.1	J	4.0	0.79	ug/L	1		6020B	Dissolved

Client Sample ID: C-4 DISCRETE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Caprolactam	1.8	J	5.0	0.68	ug/L	1		EPA 8270E LL	Dissolved
Butyl benzyl phthalate	1.6	J	2.0	0.94	ug/L	1		EPA 8270E LL	Dissolved
Di-n-butyl phthalate	1.2		1.0	0.38	ug/L	1		EPA 8270E LL	Dissolved
alpha-BHC (2C)	0.0027		0.0013	0.00023	ug/L	1		EPA 8081B LL	Dissolved
Antimony	0.80	J	1.0	0.20	ug/L	1		6020B	Dissolved
Arsenic	3.2		2.0	0.68	ug/L	1		6020B	Dissolved
Barium	15		2.0	0.75	ug/L	1		6020B	Dissolved
Calcium	360000		10000	5000	ug/L	100		6020B	Dissolved
Lead	0.19	J	0.50	0.12	ug/L	1		6020B	Dissolved
Magnesium	1100000		5000	1600	ug/L	100		6020B	Dissolved
Manganese	140		2.0	1.2	ug/L	1		6020B	Dissolved
Nickel	0.40	J	1.0	0.40	ug/L	1		6020B	Dissolved
Potassium	350000		20000	6500	ug/L	100		6020B	Dissolved
Selenium	0.35	J	1.0	0.28	ug/L	1		6020B	Dissolved
Sodium	9300000	^2	20000	9000	ug/L	100		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-4 DISCRETE ELUTRIATE DISSOLVED (Continued)

Lab Sample ID: 630-138167-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	4.2		4.0	0.79	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: C-1
Lab Sample ID: 630-138167-1
Date Collected: 06/10/26 11:15
Matrix: Sediment
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	60.4		0.1	0.1	%			06/23/26 10:00	1
Percent Solids (SM22 2540G)	39.6		0.1	0.1	%			06/23/26 10:00	1

Client Sample ID: C-1
Lab Sample ID: 630-138167-1
Date Collected: 06/10/26 11:15
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 39.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	55000		2500	2400	mg/Kg	☼		06/24/26 13:56	1

Client Sample ID: C-1
Lab Sample ID: 630-138167-2
Date Collected: 06/10/26 11:15
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	59		0.10	0.10	%			06/17/26 18:59	1
Total Solids (SM 2540G-2011)	41		0.10	0.10	%			06/17/26 18:59	1
Percent Solids (SM 2540G-2011)	41		0.10	0.10	%			06/17/26 18:59	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	100.0				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	100.0				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	97.6				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	94.7				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	91.0				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	87.6				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	85.5				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	78.8				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	28.8				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	26.0				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	17.6				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	17.6				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	12.1				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	9.3				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	9.3				% Finer			06/26/26 20:33	1
Clay	12.1				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	15.9				%			06/26/26 20:33	1
Medium Sand	5.3				%			06/26/26 20:33	1
Sand	21.2				%			06/26/26 20:33	1

Client Sample ID: C-1
Lab Sample ID: 630-138167-2
Date Collected: 06/10/26 11:15
Matrix: Solid
Date Received: 06/16/26 09:49

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silt	66.7				%			06/26/26 20:33	1

Client Sample ID: C-2
Lab Sample ID: 630-138167-3
Date Collected: 06/10/26 11:52
Matrix: Sediment
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	59.5		0.1	0.1	%			06/23/26 10:00	1
Percent Solids (SM22 2540G)	40.5		0.1	0.1	%			06/23/26 10:00	1

Client Sample ID: C-2
Lab Sample ID: 630-138167-3
Date Collected: 06/10/26 11:52
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	52000		2500	2400	mg/Kg	☼		06/24/26 14:11	1

Client Sample ID: C-2
Lab Sample ID: 630-138167-4
Date Collected: 06/10/26 11:52
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	60		0.10	0.10	%			06/17/26 17:30	1
Total Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 17:30	1
Percent Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 17:30	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	100.0				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	100.0				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	98.1				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	94.7				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	90.7				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	87.1				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	85.0				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	77.3				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	32.2				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	26.5				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	18.0				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	18.0				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	15.1				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	10.9				% Finer			06/26/26 20:33	1

Client Sample ID: C-2
Lab Sample ID: 630-138167-4
Date Collected: 06/10/26 11:52
Matrix: Solid
Date Received: 06/16/26 09:49

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1.4 um (Hydrometer Reading 7)	9.5				% Finer			06/26/26 20:33	1
Clay	15.1				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	17.4				%			06/26/26 20:33	1
Medium Sand	5.3				%			06/26/26 20:33	1
Sand	22.7				%			06/26/26 20:33	1
Silt	62.2				%			06/26/26 20:33	1

Client Sample ID: C-3
Lab Sample ID: 630-138167-5
Date Collected: 06/10/26 13:41
Matrix: Sediment
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	58.4		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	41.6		0.1	0.1	%			06/23/26 10:03	1

Client Sample ID: C-3
Lab Sample ID: 630-138167-5
Date Collected: 06/10/26 13:41
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 41.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	40000		2400	2300	mg/Kg	☼		06/24/26 14:26	1

Client Sample ID: C-3
Lab Sample ID: 630-138167-6
Date Collected: 06/10/26 13:41
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	60		0.10	0.10	%			06/17/26 16:00	1
Total Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 16:00	1
Percent Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 16:00	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	100.0				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	100.0				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	98.0				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	96.4				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	94.6				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	91.2				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	88.9				% Finer			06/26/26 20:33	1

Client Sample ID: C-3
Lab Sample ID: 630-138167-6
Date Collected: 06/10/26 13:41
Matrix: Solid
Date Received: 06/16/26 09:49

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
0.075 mm (Sieve Size #200)	84.6				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	48.1				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	39.8				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	25.9				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	23.1				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	20.3				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	14.8				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	12.0				% Finer			06/26/26 20:33	1
Clay	20.3				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	11.8				%			06/26/26 20:33	1
Medium Sand	3.6				%			06/26/26 20:33	1
Sand	15.4				%			06/26/26 20:33	1
Silt	64.3				%			06/26/26 20:33	1

Client Sample ID: C-5
Lab Sample ID: 630-138167-9
Date Collected: 06/10/26 13:26
Matrix: Sediment
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	59.7		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	40.3		0.1	0.1	%			06/23/26 10:03	1

Client Sample ID: C-5
Lab Sample ID: 630-138167-9
Date Collected: 06/10/26 13:26
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	44000		2500	2400	mg/Kg	☼		06/24/26 15:11	1

Client Sample ID: C-5
Lab Sample ID: 630-138167-10
Date Collected: 06/10/26 13:26
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	60		0.10	0.10	%			06/17/26 10:03	1
Total Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 10:03	1
Percent Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 10:03	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1

Client Sample ID: C-5
Lab Sample ID: 630-138167-10
Date Collected: 06/10/26 13:26
Matrix: Solid
Date Received: 06/16/26 09:49

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4.75 mm (Sieve Size #4)	100.0				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	100.0				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	96.4				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	94.5				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	93.2				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	91.9				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	91.1				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	88.2				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	42.3				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	34.0				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	25.8				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	20.2				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	16.1				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	12.0				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	10.6				% Finer			06/26/26 20:33	1
Clay	16.1				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	6.3				%			06/26/26 20:33	1
Medium Sand	5.5				%			06/26/26 20:33	1
Sand	11.8				%			06/26/26 20:33	1
Silt	72.1				%			06/26/26 20:33	1

Client Sample ID: C-6
Lab Sample ID: 630-138167-11
Date Collected: 06/10/26 10:56
Matrix: Sediment
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	59.3		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	40.7		0.1	0.1	%			06/23/26 10:03	1

Client Sample ID: C-6
Lab Sample ID: 630-138167-11
Date Collected: 06/10/26 10:56
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	34000		2500	2400	mg/Kg	☼		06/24/26 15:27	1

Client Sample ID: C-6
Lab Sample ID: 630-138167-12
Date Collected: 06/10/26 10:56
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	59		0.10	0.10	%			06/17/26 13:02	1
Total Solids (SM 2540G-2011)	41		0.10	0.10	%			06/17/26 13:02	1
Percent Solids (SM 2540G-2011)	41		0.10	0.10	%			06/17/26 13:02	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-6
Lab Sample ID: 630-138167-12
Date Collected: 06/10/26 10:56
Matrix: Solid
Date Received: 06/16/26 09:49

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	100.0				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	100.0				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	98.2				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	96.9				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	95.7				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	94.4				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	93.6				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	90.4				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	45.7				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	37.8				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	27.3				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	20.7				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	16.7				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	14.1				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	11.4				% Finer			06/26/26 20:33	1
Clay	16.7				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	6.5				%			06/26/26 20:33	1
Medium Sand	3.1				%			06/26/26 20:33	1
Sand	9.6				%			06/26/26 20:33	1
Silt	73.7				%			06/26/26 20:33	1

Client Sample ID: C-7
Lab Sample ID: 630-138167-13
Date Collected: 06/10/26 12:39
Matrix: Sediment
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	54.5		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	45.5		0.1	0.1	%			06/23/26 10:03	1

Client Sample ID: C-7
Lab Sample ID: 630-138167-13
Date Collected: 06/10/26 12:39
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 45.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	41000		2200	2100	mg/Kg	☼		06/24/26 15:42	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-7
Lab Sample ID: 630-138167-14
Date Collected: 06/10/26 12:39
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	60		0.10	0.10	%			06/17/26 11:32	1
Total Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 11:32	1
Percent Solids (SM 2540G-2011)	40		0.10	0.10	%			06/17/26 11:32	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	98.9				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	97.5				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	90.6				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	72.3				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	62.5				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	56.6				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	54.3				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	49.4				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	30.6				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	27.9				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	22.5				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	19.8				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	14.4				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	10.4				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	9.0				% Finer			06/26/26 20:33	1
Clay	14.4				%			06/26/26 20:33	1
Gravel	1.1				%			06/26/26 20:33	1
Coarse Sand	1.4				%			06/26/26 20:33	1
Fine Sand	22.9				%			06/26/26 20:33	1
Medium Sand	25.2				%			06/26/26 20:33	1
Sand	49.5				%			06/26/26 20:33	1
Silt	35.0				%			06/26/26 20:33	1

Client Sample ID: C-8
Lab Sample ID: 630-138167-15
Date Collected: 06/10/26 13:13
Matrix: Sediment
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	57.8		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	42.2		0.1	0.1	%			06/23/26 10:03	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-8
Lab Sample ID: 630-138167-15
Date Collected: 06/10/26 13:13
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 42.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	42000		2400	2300	mg/Kg	☼		06/24/26 15:57	1

Client Sample ID: C-8
Lab Sample ID: 630-138167-16
Date Collected: 06/10/26 13:13
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	59		0.10	0.10	%			06/17/26 14:31	1
Total Solids (SM 2540G-2011)	41		0.10	0.10	%			06/17/26 14:31	1
Percent Solids (SM 2540G-2011)	41		0.10	0.10	%			06/17/26 14:31	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	100.0				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	100.0				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	97.9				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	95.4				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	92.7				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	89.2				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	87.2				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	82.3				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	39.6				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	34.0				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	25.8				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	20.2				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	17.5				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	12.0				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	12.0				% Finer			06/26/26 20:33	1
Clay	17.5				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	13.1				%			06/26/26 20:33	1
Medium Sand	4.6				%			06/26/26 20:33	1
Sand	17.7				%			06/26/26 20:33	1
Silt	64.8				%			06/26/26 20:33	1

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18

Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	29000		300	100	mg/Kg			06/26/26 20:35	1

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20

Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	20000		300	100	mg/Kg			06/26/26 19:08	1

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Lab Sample ID: 630-138167-22

Date Collected: 06/16/26 12:16
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA Lloyd Kahn)	15000		300	100	mg/Kg			06/26/26 21:48	1

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-31

Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 21:25	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 21:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 21:25	1
1,2-Diphenylhydrazine	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 21:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 21:25	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 21:25	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 21:25	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 21:25	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 21:25	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 21:25	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 21:25	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 21:25	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 21:25	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 21:25	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:25	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 21:25	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:25	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-31
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:25	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 21:25	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:25	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 21:25	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 21:25	1
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 21:25	1
Caprolactam	**1.7**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 21:25	1
Acenaphthene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 21:25	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 21:25	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 21:25	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 21:25	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 21:25	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 21:25	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.1	ug/L		06/25/26 22:18	06/30/26 21:25	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 21:25	1
Butyl benzyl phthalate	2.0	U	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 21:25	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 21:25	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 21:25	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 21:25	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 21:25	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:25	1
Di-n-butyl phthalate	**0.53**	**J**	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 21:25	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 21:25	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 21:25	1
Diethyl phthalate	**0.26**	**J**	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:25	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 21:25	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 21:25	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 21:25	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 21:25	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 21:25	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 21:25	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 21:25	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 21:25	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:25	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 21:25	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 21:25	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:25	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 21:25	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 21:25	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 21:25	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 21:25	1

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-31
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 21:25	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 21:25	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 21:25	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*27 - 105*	*06/25/26 22:18*	*06/30/26 21:25*	*1*
2-Fluorophenol (Surr)	*69*		*16 - 111*	*06/25/26 22:18*	*06/30/26 21:25*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*18 - 128*	*06/25/26 22:18*	*06/30/26 21:25*	*1*
Nitrobenzene-d5 (Surr)	*68*		*22 - 113*	*06/25/26 22:18*	*06/30/26 21:25*	*1*
Phenol-d5 (Surr)	*74*		*27 - 105*	*06/25/26 22:18*	*06/30/26 21:25*	*1*
Terphenyl-d14 (Surr)	*74*		*24 - 128*	*06/25/26 22:18*	*06/30/26 21:25*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 11:08	1
alpha-BHC (2C)	**0.0024**		0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 11:08	1
beta-BHC (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 11:08	1
delta-BHC (1C)	0.0013	U	0.0013	0.00062	ug/L		06/25/26 22:07	07/01/26 11:08	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00028	ug/L		06/25/26 22:07	07/01/26 11:08	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 11:08	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 11:08	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0070	ug/L		06/25/26 22:07	07/01/26 11:08	1
4,4'-DDD (1C)	0.0013	U	0.0013	0.00051	ug/L		06/25/26 22:07	07/01/26 11:08	1
4,4'-DDE (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 11:08	1
4,4'-DDT (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 11:08	1
Dieldrin (1C)	0.0013	U	0.0013	0.00026	ug/L		06/25/26 22:07	07/01/26 11:08	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 11:08	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 11:08	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00061	ug/L		06/25/26 22:07	07/01/26 11:08	1
Endrin (1C)	0.0013	U	0.0013	0.00022	ug/L		06/25/26 22:07	07/01/26 11:08	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00050	ug/L		06/25/26 22:07	07/01/26 11:08	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00096	ug/L		06/25/26 22:07	07/01/26 11:08	1
Heptachlor (1C)	0.0013	U	0.0013	0.00043	ug/L		06/25/26 22:07	07/01/26 11:08	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00033	ug/L		06/25/26 22:07	07/01/26 11:08	1
Methoxychlor (1C)	0.0013	U *+	0.0013	0.00075	ug/L		06/25/26 22:07	07/01/26 11:08	1
Mirex (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 11:08	1
Toxaphene (1C)	0.096	U	0.096	0.047	ug/L		06/25/26 22:07	07/01/26 11:08	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00096	ug/L		06/25/26 22:07	07/01/26 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*85*		*11 - 150*	*06/25/26 22:07*	*07/01/26 11:08*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*83*		*11 - 150*	*06/25/26 22:07*	*07/01/26 11:08*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*71*		*17 - 142*	*06/25/26 22:07*	*07/01/26 11:08*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*78*		*17 - 142*	*06/25/26 22:07*	*07/01/26 11:08*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0096	U	0.0096	0.0046	ug/L		06/25/26 22:07	07/01/26 10:53	1
PCB-1221 (1C)	0.0096	U	0.0096	0.0055	ug/L		06/25/26 22:07	07/01/26 10:53	1

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-31

Date Collected: 06/25/26 08:30

Matrix: MET, Dissolved

Date Received: 06/16/26 09:49

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232 (1C)	0.0096	U	0.0096	0.0050	ug/L		06/25/26 22:07	07/01/26 10:53	1
PCB-1242 (1C)	0.0096	U	0.0096	0.0034	ug/L		06/25/26 22:07	07/01/26 10:53	1
PCB-1248 (1C)	0.0096	U	0.0096	0.0077	ug/L		06/25/26 22:07	07/01/26 10:53	1
PCB-1254 (1C)	0.0096	U	0.0096	0.0044	ug/L		06/25/26 22:07	07/01/26 10:53	1
PCB-1260 (1C)	0.0096	U	0.0096	0.0038	ug/L		06/25/26 22:07	07/01/26 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*71*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:53*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*81*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:53*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*50*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:53*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*49*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:53*	*1*

Method: TAL SOP PCB - Total PCB Calculation - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0096	U	0.0096	0.0077	ug/L			07/01/26 10:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	U	25	12	ug/L		06/30/26 15:56	07/01/26 09:25	1
Antimony	**1.2**		1.0	0.20	ug/L		06/30/26 15:56	07/01/26 09:25	1
Arsenic	**10**		2.0	0.68	ug/L		06/30/26 15:56	07/01/26 09:25	1
Barium	**24**		2.0	0.75	ug/L		06/30/26 15:56	07/01/26 09:25	1
Beryllium	**0.17**	**J**	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 09:25	1
Cadmium	0.50	U	0.50	0.15	ug/L		06/30/26 15:56	07/01/26 09:25	1
Calcium	**360000**		10000	5000	ug/L		06/30/26 15:56	07/01/26 12:24	100
Chromium	**0.55**	**J**	2.0	0.55	ug/L		06/30/26 15:56	07/01/26 09:25	1
Cobalt	**0.39**	**J**	0.50	0.16	ug/L		06/30/26 15:56	07/01/26 09:25	1
Copper	1.0	U	1.0	0.85	ug/L		06/30/26 15:56	07/01/26 09:25	1
Iron	**130**		50	20	ug/L		06/30/26 15:56	07/01/26 09:25	1
Lead	**0.22**	**J**	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 09:25	1
Magnesium	**1200000**		5000	1600	ug/L		06/30/26 15:56	07/01/26 12:24	100
Manganese	**1400**		2.0	1.2	ug/L		06/30/26 15:56	07/01/26 09:25	1
Nickel	**1.1**		1.0	0.40	ug/L		06/30/26 15:56	07/01/26 09:25	1
Potassium	**380000**		20000	6500	ug/L		06/30/26 15:56	07/01/26 12:24	100
Selenium	**1.2**		1.0	0.28	ug/L		06/30/26 15:56	07/01/26 09:25	1
Silver	0.50	U	0.50	0.10	ug/L		06/30/26 15:56	07/01/26 09:25	1
Sodium	**10000000**	**^2**	20000	9000	ug/L		06/30/26 15:56	07/01/26 12:24	100
Thallium	**0.67**		0.50	0.13	ug/L		06/30/26 15:56	07/01/26 09:25	1
Zinc	10	U	10	4.0	ug/L		06/30/26 15:56	07/01/26 09:25	1
Vanadium	**2.6**	**J**	4.0	0.79	ug/L		06/30/26 15:56	07/01/26 09:25	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 10:46	06/30/26 17:06	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10	U	10	3.2	ug/L			07/02/26 10:30	1
Cr (VI) (SW846 EPA 7196A)	10	U	10	6.0	ug/L			06/25/26 16:42	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 12:50	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: SC-2 COMPOSITE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-32

Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 21:48	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 21:48	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:48	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 21:48	1
1,2-Diphenylhydrazine	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 21:48	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 21:48	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 21:48	1
2-Chloronaphthalene	**0.061**	**J**	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 21:48	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 21:48	1
2-Methylnaphthalene	**0.069**	**J**	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 21:48	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 21:48	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 21:48	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 21:48	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 21:48	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 21:48	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:48	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:48	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:48	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 21:48	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:48	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 21:48	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 21:48	1
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 21:48	1
Caprolactam	**2.4**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 21:48	1
Acenaphthene	**0.079**	**J**	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 21:48	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 21:48	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 21:48	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 21:48	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 21:48	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 21:48	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.1	ug/L		06/25/26 22:18	06/30/26 21:48	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 21:48	1
Butyl benzyl phthalate	**1.5**	**J**	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 21:48	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 21:48	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 21:48	1

Client Sample ID: SC-2 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-32
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 21:48	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 21:48	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 21:48	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:48	1
Di-n-butyl phthalate	**1.3**		1.0	0.38	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 21:48	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 21:48	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 21:48	1
Diethyl phthalate	**0.35**	**J**	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:48	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 21:48	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 21:48	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 21:48	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 21:48	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 21:48	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 21:48	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 21:48	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 21:48	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:48	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 21:48	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 21:48	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:48	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 21:48	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 21:48	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 21:48	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 21:48	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 21:48	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 21:48	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 21:48	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*27 - 105*	*06/25/26 22:18*	*06/30/26 21:48*	*1*
2-Fluorophenol (Surr)	*66*		*16 - 111*	*06/25/26 22:18*	*06/30/26 21:48*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 128*	*06/25/26 22:18*	*06/30/26 21:48*	*1*
Nitrobenzene-d5 (Surr)	*65*		*22 - 113*	*06/25/26 22:18*	*06/30/26 21:48*	*1*
Phenol-d5 (Surr)	*74*		*27 - 105*	*06/25/26 22:18*	*06/30/26 21:48*	*1*
Terphenyl-d14 (Surr)	*68*		*24 - 128*	*06/25/26 22:18*	*06/30/26 21:48*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 11:27	1
alpha-BHC (1C)	**0.0019**	**p**	0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 11:27	1
beta-BHC (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 11:27	1
delta-BHC (1C)	0.0013	U	0.0013	0.00062	ug/L		06/25/26 22:07	07/01/26 11:27	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00028	ug/L		06/25/26 22:07	07/01/26 11:27	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 11:27	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 11:27	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0070	ug/L		06/25/26 22:07	07/01/26 11:27	1
4,4'-DDD (1C)	0.0013	U	0.0013	0.00051	ug/L		06/25/26 22:07	07/01/26 11:27	1
4,4'-DDE (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 11:27	1

Client Sample ID: SC-2 COMPOSITE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-32

Date Collected: 06/25/26 08:30

Matrix: MET, Dissolved

Date Received: 06/16/26 09:49

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 11:27	1
Dieldrin (1C)	0.0013	U	0.0013	0.00026	ug/L		06/25/26 22:07	07/01/26 11:27	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 11:27	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 11:27	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00061	ug/L		06/25/26 22:07	07/01/26 11:27	1
Endrin (1C)	0.0013	U	0.0013	0.00022	ug/L		06/25/26 22:07	07/01/26 11:27	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00050	ug/L		06/25/26 22:07	07/01/26 11:27	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00096	ug/L		06/25/26 22:07	07/01/26 11:27	1
Heptachlor (1C)	0.0013	U	0.0013	0.00043	ug/L		06/25/26 22:07	07/01/26 11:27	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00033	ug/L		06/25/26 22:07	07/01/26 11:27	1
Methoxychlor (1C)	0.0013	U *+	0.0013	0.00075	ug/L		06/25/26 22:07	07/01/26 11:27	1
Mirex (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 11:27	1
Toxaphene (1C)	0.096	U	0.096	0.047	ug/L		06/25/26 22:07	07/01/26 11:27	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00096	ug/L		06/25/26 22:07	07/01/26 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*79*		*11 - 150*	*06/25/26 22:07*	*07/01/26 11:27*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*83*		*11 - 150*	*06/25/26 22:07*	*07/01/26 11:27*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*69*		*17 - 142*	*06/25/26 22:07*	*07/01/26 11:27*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*76*		*17 - 142*	*06/25/26 22:07*	*07/01/26 11:27*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0096	U	0.0096	0.0046	ug/L		06/25/26 22:07	07/01/26 11:10	1
PCB-1221 (1C)	0.0096	U	0.0096	0.0055	ug/L		06/25/26 22:07	07/01/26 11:10	1
PCB-1232 (1C)	0.0096	U	0.0096	0.0050	ug/L		06/25/26 22:07	07/01/26 11:10	1
PCB-1242 (1C)	0.0096	U	0.0096	0.0034	ug/L		06/25/26 22:07	07/01/26 11:10	1
PCB-1248 (1C)	0.0096	U	0.0096	0.0077	ug/L		06/25/26 22:07	07/01/26 11:10	1
PCB-1254 (1C)	0.0096	U	0.0096	0.0044	ug/L		06/25/26 22:07	07/01/26 11:10	1
PCB-1260 (1C)	0.0096	U	0.0096	0.0038	ug/L		06/25/26 22:07	07/01/26 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*77*		*23 - 133*	*06/25/26 22:07*	*07/01/26 11:10*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*80*		*23 - 133*	*06/25/26 22:07*	*07/01/26 11:10*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*49*		*20 - 133*	*06/25/26 22:07*	*07/01/26 11:10*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*46*		*20 - 133*	*06/25/26 22:07*	*07/01/26 11:10*	*1*

Method: TAL SOP PCB - Total PCB Calculation - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0096	U	0.0096	0.0077	ug/L			07/01/26 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	U	25	12	ug/L		06/30/26 15:56	07/01/26 10:14	1
Antimony	**1.8**		1.0	0.20	ug/L		06/30/26 15:56	07/01/26 10:14	1
Arsenic	**11**		2.0	0.68	ug/L		06/30/26 15:56	07/01/26 10:14	1
Barium	**25**		2.0	0.75	ug/L		06/30/26 15:56	07/01/26 10:14	1
Beryllium	0.50	U	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 10:14	1
Cadmium	0.50	U	0.50	0.15	ug/L		06/30/26 15:56	07/01/26 10:14	1
Calcium	**360000**		10000	5000	ug/L		06/30/26 15:56	07/01/26 12:29	100
Chromium	2.0	U	2.0	0.55	ug/L		06/30/26 15:56	07/01/26 10:14	1

Client Sample ID: SC-2 COMPOSITE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-32

Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.50	U	0.50	0.16	ug/L		06/30/26 15:56	07/01/26 10:14	1
Copper	1.0	U	1.0	0.85	ug/L		06/30/26 15:56	07/01/26 10:14	1
Iron	**130**		50	20	ug/L		06/30/26 15:56	07/01/26 10:14	1
Lead	**0.38**	**J**	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 10:14	1
Magnesium	**1200000**		5000	1600	ug/L		06/30/26 15:56	07/01/26 12:29	100
Manganese	**1200**		2.0	1.2	ug/L		06/30/26 15:56	07/01/26 10:14	1
Nickel	**0.78**	**J**	1.0	0.40	ug/L		06/30/26 15:56	07/01/26 10:14	1
Potassium	**370000**		20000	6500	ug/L		06/30/26 15:56	07/01/26 12:29	100
Selenium	**0.50**	**J**	1.0	0.28	ug/L		06/30/26 15:56	07/01/26 10:14	1
Silver	0.50	U	0.50	0.10	ug/L		06/30/26 15:56	07/01/26 10:14	1
Sodium	**9800000**	**^2**	20000	9000	ug/L		06/30/26 15:56	07/01/26 12:29	100
Thallium	0.50	U	0.50	0.13	ug/L		06/30/26 15:56	07/01/26 10:14	1
Zinc	10	U	10	4.0	ug/L		06/30/26 15:56	07/01/26 10:14	1
Vanadium	**3.9**	**J**	4.0	0.79	ug/L		06/30/26 15:56	07/01/26 10:14	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 10:46	06/30/26 17:08	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10	U	10	3.2	ug/L			07/02/26 10:30	1
Cr (VI) (SW846 EPA 7196A)	10	U	10	6.0	ug/L			06/25/26 16:44	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 12:54	1

Client Sample ID: SC-3 COMPOSITE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-33

Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 22:11	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 22:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 22:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 22:11	1
1,2-Diphenylhydrazine	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 22:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 22:11	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 22:11	1
2-Chloronaphthalene	**0.13**	**J**	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 22:11	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 22:11	1
2-Methylnaphthalene	**0.16**	**J**	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 22:11	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 22:11	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 22:11	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 22:11	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: SC-3 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-33
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 22:11	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 22:11	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 22:11	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 22:11	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 22:11	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 22:11	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 22:11	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 22:11	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 22:11	1
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 22:11	1
Caprolactam	**2.9**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 22:11	1
Acenaphthene	**0.11**	**J**	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 22:11	1
Acenaphthylene	**0.082**	**J**	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 22:11	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 22:11	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 22:11	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 22:11	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 22:11	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.1	ug/L		06/25/26 22:18	06/30/26 22:11	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 22:11	1
Butyl benzyl phthalate	**1.1**	**J**	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 22:11	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 22:11	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 22:11	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 22:11	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 22:11	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 22:11	1
Di-n-butyl phthalate	**1.1**		1.0	0.38	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 22:11	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 22:11	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 22:11	1
Diethyl phthalate	**0.43**	**J**	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 22:11	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 22:11	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 22:11	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 22:11	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 22:11	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 22:11	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 22:11	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 22:11	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 22:11	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 22:11	1
Naphthalene	**0.14**	**J**	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 22:11	1

Client Sample ID: SC-3 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-33
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 22:11	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 22:11	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 22:11	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 22:11	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 22:11	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 22:11	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 22:11	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 22:11	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 22:11	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*27 - 105*	*06/25/26 22:18*	*06/30/26 22:11*	*1*
2-Fluorophenol (Surr)	*79*		*16 - 111*	*06/25/26 22:18*	*06/30/26 22:11*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 128*	*06/25/26 22:18*	*06/30/26 22:11*	*1*
Nitrobenzene-d5 (Surr)	*79*		*22 - 113*	*06/25/26 22:18*	*06/30/26 22:11*	*1*
Phenol-d5 (Surr)	*83*		*27 - 105*	*06/25/26 22:18*	*06/30/26 22:11*	*1*
Terphenyl-d14 (Surr)	*87*		*24 - 128*	*06/25/26 22:18*	*06/30/26 22:11*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 11:45	1
alpha-BHC (2C)	**0.0030**		0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 11:45	1
beta-BHC (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 11:45	1
delta-BHC (1C)	0.0013	U	0.0013	0.00062	ug/L		06/25/26 22:07	07/01/26 11:45	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00028	ug/L		06/25/26 22:07	07/01/26 11:45	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 11:45	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 11:45	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0070	ug/L		06/25/26 22:07	07/01/26 11:45	1
4,4'-DDD (1C)	0.0013	U	0.0013	0.00051	ug/L		06/25/26 22:07	07/01/26 11:45	1
4,4'-DDE (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 11:45	1
4,4'-DDT (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 11:45	1
Dieldrin (1C)	0.0013	U	0.0013	0.00026	ug/L		06/25/26 22:07	07/01/26 11:45	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 11:45	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 11:45	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00061	ug/L		06/25/26 22:07	07/01/26 11:45	1
Endrin (1C)	0.0013	U	0.0013	0.00022	ug/L		06/25/26 22:07	07/01/26 11:45	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00050	ug/L		06/25/26 22:07	07/01/26 11:45	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00096	ug/L		06/25/26 22:07	07/01/26 11:45	1
Heptachlor (1C)	0.0013	U	0.0013	0.00043	ug/L		06/25/26 22:07	07/01/26 11:45	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00033	ug/L		06/25/26 22:07	07/01/26 11:45	1
Methoxychlor (1C)	0.0013	U *+	0.0013	0.00075	ug/L		06/25/26 22:07	07/01/26 11:45	1
Mirex (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 11:45	1
Toxaphene (1C)	0.096	U	0.096	0.047	ug/L		06/25/26 22:07	07/01/26 11:45	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00096	ug/L		06/25/26 22:07	07/01/26 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*92*		*11 - 150*	*06/25/26 22:07*	*07/01/26 11:45*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*92*		*11 - 150*	*06/25/26 22:07*	*07/01/26 11:45*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*76*		*17 - 142*	*06/25/26 22:07*	*07/01/26 11:45*	*1*

Client Sample ID: SC-3 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-33

Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) - Dissolved (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (2C)	84		17 - 142	06/25/26 22:07	07/01/26 11:45	1

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0096	U	0.0096	0.0046	ug/L		06/25/26 22:07	07/01/26 11:27	1
PCB 1221 (1C)	0.0096	U	0.0096	0.0055	ug/L		06/25/26 22:07	07/01/26 11:27	1
PCB-1232 (1C)	0.0096	U	0.0096	0.0050	ug/L		06/25/26 22:07	07/01/26 11:27	1
PCB-1242 (1C)	0.0096	U	0.0096	0.0034	ug/L		06/25/26 22:07	07/01/26 11:27	1
PCB-1248 (1C)	0.0096	U	0.0096	0.0077	ug/L		06/25/26 22:07	07/01/26 11:27	1
PCB-1254 (1C)	0.0096	U	0.0096	0.0044	ug/L		06/25/26 22:07	07/01/26 11:27	1
PCB-1260 (1C)	0.0096	U	0.0096	0.0038	ug/L		06/25/26 22:07	07/01/26 11:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	88		23 - 133	06/25/26 22:07	07/01/26 11:27	1
DCB Decachlorobiphenyl (Surr) (2C)	89		23 - 133	06/25/26 22:07	07/01/26 11:27	1
Tetrachloro-m-xylene (Surr) (1C)	54		20 - 133	06/25/26 22:07	07/01/26 11:27	1
Tetrachloro-m-xylene (Surr) (2C)	51		20 - 133	06/25/26 22:07	07/01/26 11:27	1

Method: TAL SOP PCB - Total PCB Calculation - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0096	U	0.0096	0.0077	ug/L			07/01/26 11:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	U	25	12	ug/L		06/30/26 15:56	07/01/26 10:12	1
Antimony	**1.4**		1.0	0.20	ug/L		06/30/26 15:56	07/01/26 10:12	1
Arsenic	**6.7**		2.0	0.68	ug/L		06/30/26 15:56	07/01/26 10:12	1
Barium	**21**		2.0	0.75	ug/L		06/30/26 15:56	07/01/26 10:12	1
Beryllium	0.50	U	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 10:12	1
Cadmium	0.50	U	0.50	0.15	ug/L		06/30/26 15:56	07/01/26 10:12	1
Calcium	**380000**		10000	5000	ug/L		06/30/26 15:56	07/01/26 12:27	100
Chromium	2.0	U	2.0	0.55	ug/L		06/30/26 15:56	07/01/26 10:12	1
Cobalt	**0.23**	**J**	0.50	0.16	ug/L		06/30/26 15:56	07/01/26 10:12	1
Copper	1.0	U	1.0	0.85	ug/L		06/30/26 15:56	07/01/26 10:12	1
Iron	**54**		50	20	ug/L		06/30/26 15:56	07/01/26 10:12	1
Lead	**0.18**	**J**	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 10:12	1
Magnesium	**1200000**		5000	1600	ug/L		06/30/26 15:56	07/01/26 12:27	100
Manganese	**970**		2.0	1.2	ug/L		06/30/26 15:56	07/01/26 10:12	1
Nickel	**0.63**	**J**	1.0	0.40	ug/L		06/30/26 15:56	07/01/26 10:12	1
Potassium	**390000**		20000	6500	ug/L		06/30/26 15:56	07/01/26 12:27	100
Selenium	**0.52**	**J**	1.0	0.28	ug/L		06/30/26 15:56	07/01/26 10:12	1
Silver	0.50	U	0.50	0.10	ug/L		06/30/26 15:56	07/01/26 10:12	1
Sodium	**10000000**	**^2**	20000	9000	ug/L		06/30/26 15:56	07/01/26 12:27	100
Thallium	0.50	U	0.50	0.13	ug/L		06/30/26 15:56	07/01/26 10:12	1
Zinc	10	U	10	4.0	ug/L		06/30/26 15:56	07/01/26 10:12	1
Vanadium	**3.1**	**J**	4.0	0.79	ug/L		06/30/26 15:56	07/01/26 10:12	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 10:46	06/30/26 17:10	1

Client Sample ID: SC-3 COMPOSITE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-33

Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10	U	10	3.2	ug/L			07/02/26 10:30	1
Cr (VI) (SW846 EPA 7196A)	10	U	10	6.0	ug/L			06/25/26 16:46	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 12:54	1

Client Sample ID: C-4 DISCRETE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-34

Date Collected: 06/25/26 09:00
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 22:34	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 22:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 22:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 22:34	1
1,2-Diphenylhydrazine	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 22:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 22:34	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 22:34	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 22:34	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 22:34	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 22:34	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 22:34	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 22:34	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 22:34	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 22:34	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 22:34	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 22:34	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 22:34	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 22:34	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 22:34	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 22:34	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 22:34	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 22:34	1
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 22:34	1
Caprolactam	**1.8**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 22:34	1
Acenaphthene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 22:34	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 22:34	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 22:34	1

Client Sample ID: C-4 DISCRETE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-34
Date Collected: 06/25/26 09:00
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 22:34	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 22:34	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 22:34	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 22:34	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.1	ug/L		06/25/26 22:18	06/30/26 22:34	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 22:34	1
Butyl benzyl phthalate	**1.6**	**J**	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 22:34	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 22:34	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 22:34	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 22:34	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 22:34	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 22:34	1
Di-n-butyl phthalate	**1.2**		1.0	0.38	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 22:34	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 22:34	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 22:34	1
Diethyl phthalate	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 22:34	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 22:34	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 22:34	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 22:34	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 22:34	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 22:34	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 22:34	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 22:34	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 22:34	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 22:34	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 22:34	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 22:34	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 22:34	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 22:34	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 22:34	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 22:34	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 22:34	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 22:34	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 22:34	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 22:34	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*38*		*27 - 105*	*06/25/26 22:18*	*06/30/26 22:34*	*1*
2-Fluorophenol (Surr)	*43*		*16 - 111*	*06/25/26 22:18*	*06/30/26 22:34*	*1*
2,4,6-Tribromophenol (Surr)	*46*		*18 - 128*	*06/25/26 22:18*	*06/30/26 22:34*	*1*
Nitrobenzene-d5 (Surr)	*42*		*22 - 113*	*06/25/26 22:18*	*06/30/26 22:34*	*1*
Phenol-d5 (Surr)	*46*		*27 - 105*	*06/25/26 22:18*	*06/30/26 22:34*	*1*
Terphenyl-d14 (Surr)	*46*		*24 - 128*	*06/25/26 22:18*	*06/30/26 22:34*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 12:04	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-4 DISCRETE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-34
Date Collected: 06/25/26 09:00
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC (2C)	0.0027		0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 12:04	1
beta-BHC (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 12:04	1
delta-BHC (1C)	0.0013	U	0.0013	0.00062	ug/L		06/25/26 22:07	07/01/26 12:04	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00028	ug/L		06/25/26 22:07	07/01/26 12:04	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 12:04	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 12:04	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0070	ug/L		06/25/26 22:07	07/01/26 12:04	1
4,4'-DDD (1C)	0.0013	U	0.0013	0.00051	ug/L		06/25/26 22:07	07/01/26 12:04	1
4,4'-DDE (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 12:04	1
4,4'-DDT (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 12:04	1
Dieldrin (1C)	0.0013	U	0.0013	0.00026	ug/L		06/25/26 22:07	07/01/26 12:04	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 12:04	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 12:04	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00061	ug/L		06/25/26 22:07	07/01/26 12:04	1
Endrin (1C)	0.0013	U	0.0013	0.00022	ug/L		06/25/26 22:07	07/01/26 12:04	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00050	ug/L		06/25/26 22:07	07/01/26 12:04	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00096	ug/L		06/25/26 22:07	07/01/26 12:04	1
Heptachlor (1C)	0.0013	U	0.0013	0.00043	ug/L		06/25/26 22:07	07/01/26 12:04	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00033	ug/L		06/25/26 22:07	07/01/26 12:04	1
Methoxychlor (1C)	0.0013	U *+	0.0013	0.00075	ug/L		06/25/26 22:07	07/01/26 12:04	1
Mirex (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 12:04	1
Toxaphene (1C)	0.096	U	0.096	0.047	ug/L		06/25/26 22:07	07/01/26 12:04	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00096	ug/L		06/25/26 22:07	07/01/26 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*84*		*11 - 150*	*06/25/26 22:07*	*07/01/26 12:04*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*91*		*11 - 150*	*06/25/26 22:07*	*07/01/26 12:04*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*73*		*17 - 142*	*06/25/26 22:07*	*07/01/26 12:04*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*78*		*17 - 142*	*06/25/26 22:07*	*07/01/26 12:04*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0096	U	0.0096	0.0046	ug/L		06/25/26 22:07	07/01/26 11:45	1
PCB-1221 (1C)	0.0096	U	0.0096	0.0055	ug/L		06/25/26 22:07	07/01/26 11:45	1
PCB-1232 (1C)	0.0096	U	0.0096	0.0050	ug/L		06/25/26 22:07	07/01/26 11:45	1
PCB-1242 (1C)	0.0096	U	0.0096	0.0034	ug/L		06/25/26 22:07	07/01/26 11:45	1
PCB-1248 (1C)	0.0096	U	0.0096	0.0077	ug/L		06/25/26 22:07	07/01/26 11:45	1
PCB-1254 (1C)	0.0096	U	0.0096	0.0044	ug/L		06/25/26 22:07	07/01/26 11:45	1
PCB-1260 (1C)	0.0096	U	0.0096	0.0038	ug/L		06/25/26 22:07	07/01/26 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*80*		*23 - 133*	*06/25/26 22:07*	*07/01/26 11:45*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*77*		*23 - 133*	*06/25/26 22:07*	*07/01/26 11:45*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*50*		*20 - 133*	*06/25/26 22:07*	*07/01/26 11:45*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*49*		*20 - 133*	*06/25/26 22:07*	*07/01/26 11:45*	*1*

Method: TAL SOP PCB - Total PCB Calculation - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0096	U	0.0096	0.0077	ug/L			07/01/26 11:45	1

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-4 DISCRETE ELUTRIATE DISSOLVED

Lab Sample ID: 630-138167-34

Date Collected: 06/25/26 09:00
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	U	25	12	ug/L		06/30/26 15:56	07/01/26 10:16	1
Antimony	**0.80**	**J**	1.0	0.20	ug/L		06/30/26 15:56	07/01/26 10:16	1
Arsenic	**3.2**		2.0	0.68	ug/L		06/30/26 15:56	07/01/26 10:16	1
Barium	**15**		2.0	0.75	ug/L		06/30/26 15:56	07/01/26 10:16	1
Beryllium	0.50	U	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 10:16	1
Cadmium	0.50	U	0.50	0.15	ug/L		06/30/26 15:56	07/01/26 10:16	1
Calcium	**360000**		10000	5000	ug/L		06/30/26 15:56	07/01/26 12:31	100
Chromium	2.0	U	2.0	0.55	ug/L		06/30/26 15:56	07/01/26 10:16	1
Cobalt	0.50	U	0.50	0.16	ug/L		06/30/26 15:56	07/01/26 10:16	1
Copper	1.0	U	1.0	0.85	ug/L		06/30/26 15:56	07/01/26 10:16	1
Iron	50	U	50	20	ug/L		06/30/26 15:56	07/01/26 10:16	1
Lead	**0.19**	**J**	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 10:16	1
Magnesium	**1100000**		5000	1600	ug/L		06/30/26 15:56	07/01/26 12:31	100
Manganese	**140**		2.0	1.2	ug/L		06/30/26 15:56	07/01/26 10:16	1
Nickel	**0.40**	**J**	1.0	0.40	ug/L		06/30/26 15:56	07/01/26 10:16	1
Potassium	**350000**		20000	6500	ug/L		06/30/26 15:56	07/01/26 12:31	100
Selenium	**0.35**	**J**	1.0	0.28	ug/L		06/30/26 15:56	07/01/26 10:16	1
Silver	0.50	U	0.50	0.10	ug/L		06/30/26 15:56	07/01/26 10:16	1
Sodium	**9300000**	**^2**	20000	9000	ug/L		06/30/26 15:56	07/01/26 12:31	100
Thallium	0.50	U	0.50	0.13	ug/L		06/30/26 15:56	07/01/26 10:16	1
Zinc	10	U	10	4.0	ug/L		06/30/26 15:56	07/01/26 10:16	1
Vanadium	**4.2**		4.0	0.79	ug/L		06/30/26 15:56	07/01/26 10:16	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 10:46	06/30/26 17:12	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10	U	10	3.2	ug/L			07/02/26 10:30	1
Cr (VI) (SW846 EPA 7196A)	10	U	10	6.0	ug/L			06/25/26 16:50	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 12:55	1

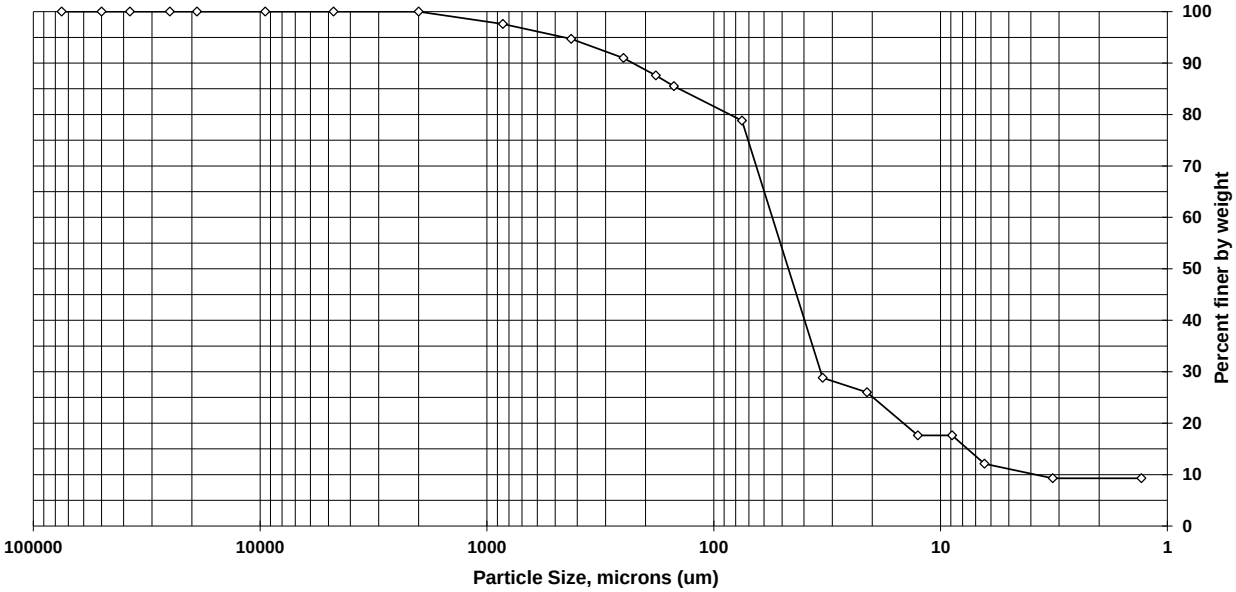
Particle Size of Soils by ASTM D422

Sample ID: C-1
Lab ID: 630-138167-A-2

Percent Solids: 41.0%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	97.6	2.4
#40	425	94.7	2.9
#60	250	91.0	3.7
#80	180	87.6	3.4
#100	150	85.5	2.1
#200	75	78.8	6.7
Hyd1	33.1	28.8	50.0
Hyd2	21.1	26.0	2.8
Hyd3	12.6	17.6	8.4
Hyd4	8.9	17.6	0.0
Hyd5	6.4	12.1	5.5
Hyd6	3.2	9.3	2.8
Hyd7	1.3	9.3	0.0

Soil Classification	Percent of sample
Gravel	0.0
Sand	21.2
Coarse Sand	0.0
Medium Sand	5.3
Fine Sand	15.9
Silt	66.7
Clay	12.1

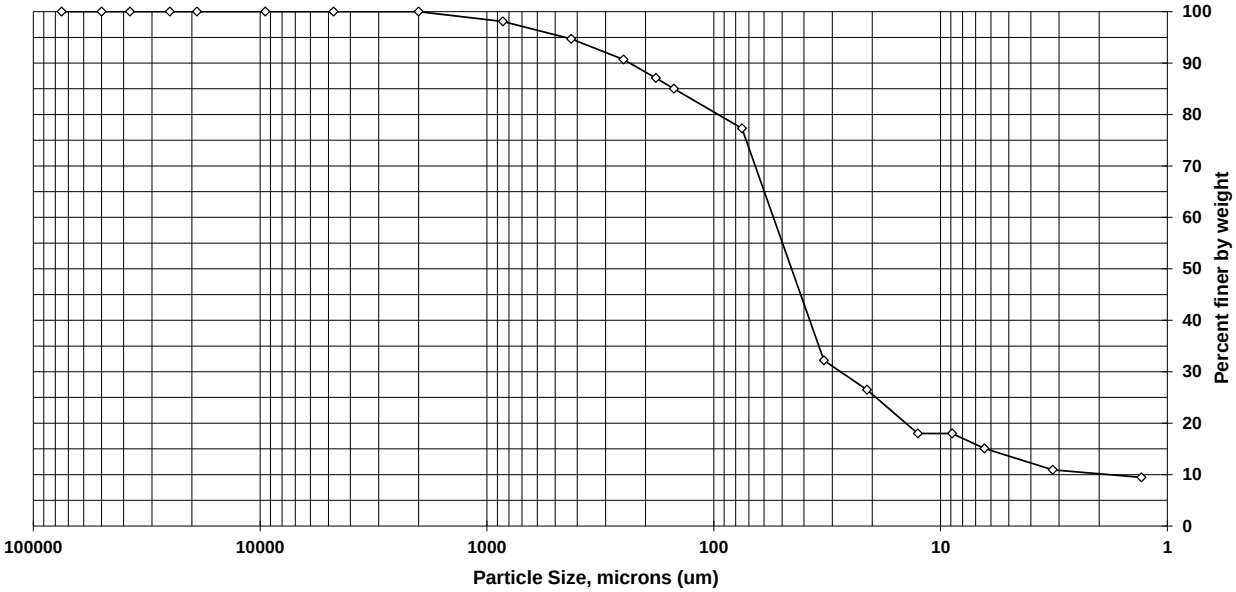
Particle Size of Soils by ASTM D422

Sample ID: C-2
Lab ID: 630-138167-A-4

Percent Solids: 40.0%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	98.1	1.9
#40	425	94.7	3.4
#60	250	90.7	4.0
#80	180	87.1	3.6
#100	150	85.0	2.1
#200	75	77.3	7.7
Hyd1	32.7	32.2	45.1
Hyd2	21.1	26.5	5.7
Hyd3	12.6	18.0	8.5
Hyd4	8.9	18.0	0.0
Hyd5	6.4	15.1	2.9
Hyd6	3.2	10.9	4.2
Hyd7	1.3	9.5	1.4

Soil Classification	Percent of sample
Gravel	0.0
Sand	22.7
Coarse Sand	0.0
Medium Sand	5.3
Fine Sand	17.4
Silt	62.2
Clay	15.1

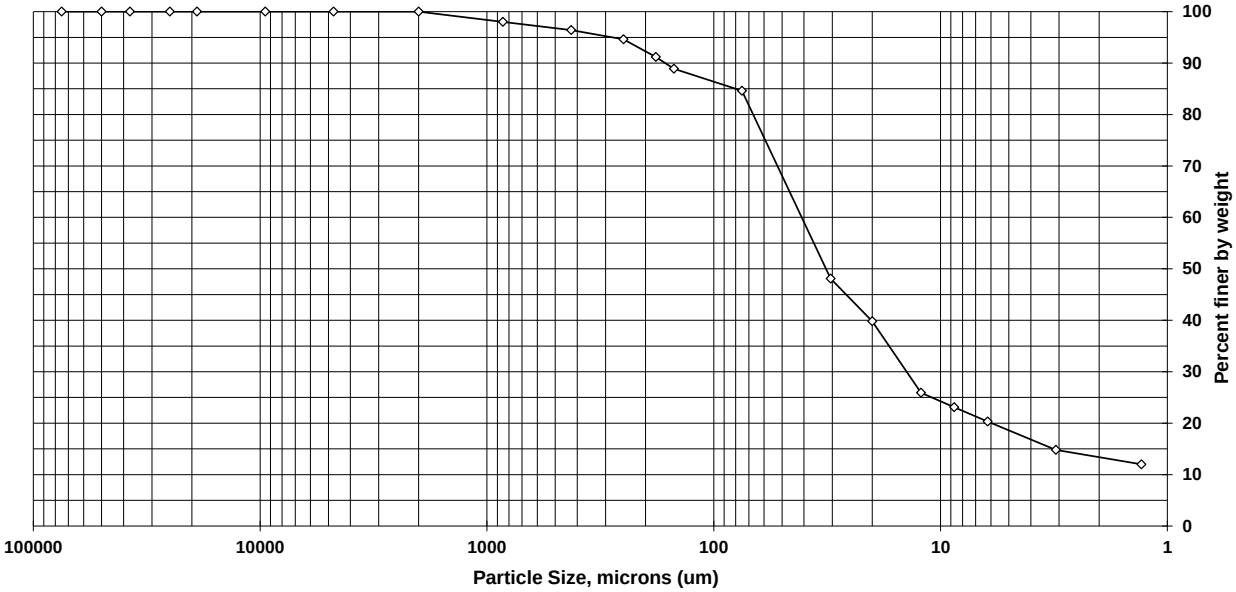
Particle Size of Soils by ASTM D422

Sample ID: C-3
Lab ID: 630-138167-A-6

Percent Solids: 40.0%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	98.0	2.0
#40	425	96.4	1.6
#60	250	94.6	1.8
#80	180	91.2	3.4
#100	150	88.9	2.3
#200	75	84.6	4.3
Hyd1	30.5	48.1	36.5
Hyd2	20	39.8	8.3
Hyd3	12.2	25.9	13.9
Hyd4	8.7	23.1	2.8
Hyd5	6.2	20.3	2.8
Hyd6	3.1	14.8	5.5
Hyd7	1.3	12.0	2.8

Soil Classification	Percent of sample
Gravel	0.0
Sand	15.4
Coarse Sand	0.0
Medium Sand	3.6
Fine Sand	11.8
Silt	64.3
Clay	20.3

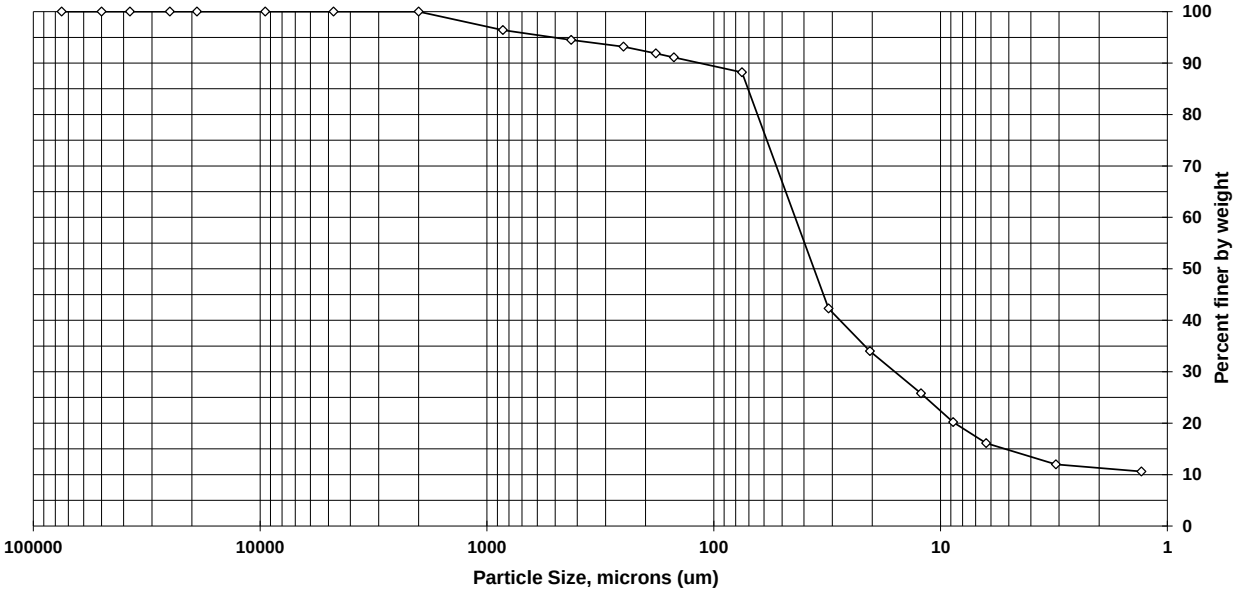
Particle Size of Soils by ASTM D422

Sample ID: C-5
Lab ID: 630-138167-A-10

Percent Solids: 40.0%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	96.4	3.6
#40	425	94.5	1.9
#60	250	93.2	1.3
#80	180	91.9	1.3
#100	150	91.1	0.8
#200	75	88.2	2.9
Hyd1	31.2	42.3	45.9
Hyd2	20.5	34.0	8.3
Hyd3	12.2	25.8	8.2
Hyd4	8.8	20.2	5.6
Hyd5	6.3	16.1	4.1
Hyd6	3.1	12.0	4.1
Hyd7	1.3	10.6	1.4

Soil Classification	Percent of sample
Gravel	0.0
Sand	11.8
Coarse Sand	0.0
Medium Sand	5.5
Fine Sand	6.3
Silt	72.1
Clay	16.1

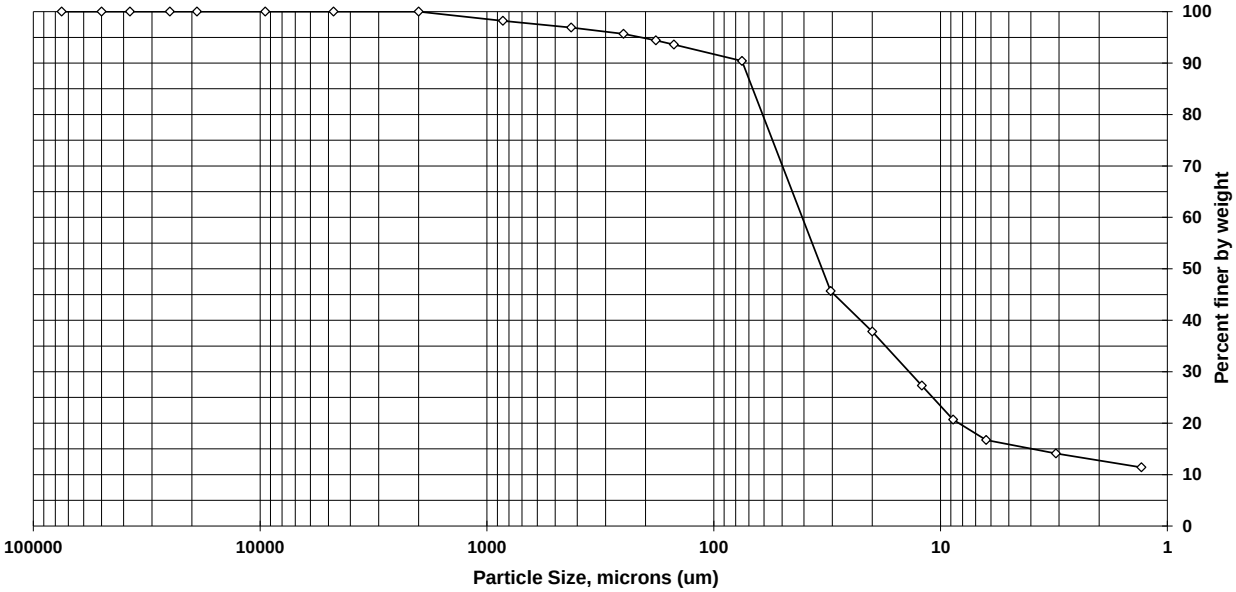
Particle Size of Soils by ASTM D422

Sample ID: C-6
Lab ID: 630-138167-A-12

Percent Solids: 41.0%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	98.2	1.8
#40	425	96.9	1.3
#60	250	95.7	1.2
#80	180	94.4	1.3
#100	150	93.6	0.8
#200	75	90.4	3.2
Hyd1	30.5	45.7	44.7
Hyd2	20	37.8	7.9
Hyd3	12.1	27.3	10.5
Hyd4	8.8	20.7	6.6
Hyd5	6.3	16.7	4.0
Hyd6	3.1	14.1	2.6
Hyd7	1.3	11.4	2.7

Soil Classification	Percent of sample
Gravel	0.0
Sand	9.6
Coarse Sand	0.0
Medium Sand	3.1
Fine Sand	6.5
Silt	73.7
Clay	16.7

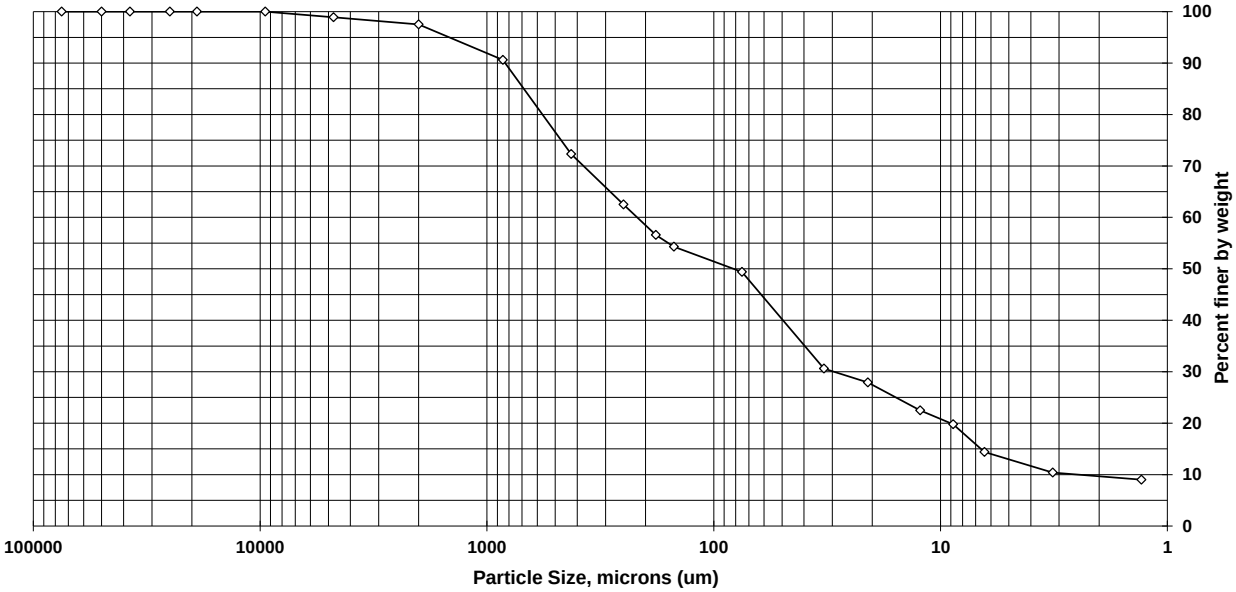
Particle Size of Soils by ASTM D422

Sample ID: C-7
Lab ID: 630-138167-A-14

Percent Solids: 40.0%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	98.9	1.1
#10	2000	97.5	1.4
#20	850	90.6	6.9
#40	425	72.3	18.3
#60	250	62.5	9.8
#80	180	56.6	5.9
#100	150	54.3	2.3
#200	75	49.4	4.9
Hyd1	32.7	30.6	18.8
Hyd2	20.9	27.9	2.7
Hyd3	12.3	22.5	5.4
Hyd4	8.8	19.8	2.7
Hyd5	6.4	14.4	5.4
Hyd6	3.2	10.4	4.0
Hyd7	1.3	9.0	1.4

Soil Classification	Percent of sample
Gravel	1.1
Sand	49.5
Coarse Sand	1.4
Medium Sand	25.2
Fine Sand	22.9
Silt	35.0
Clay	14.4

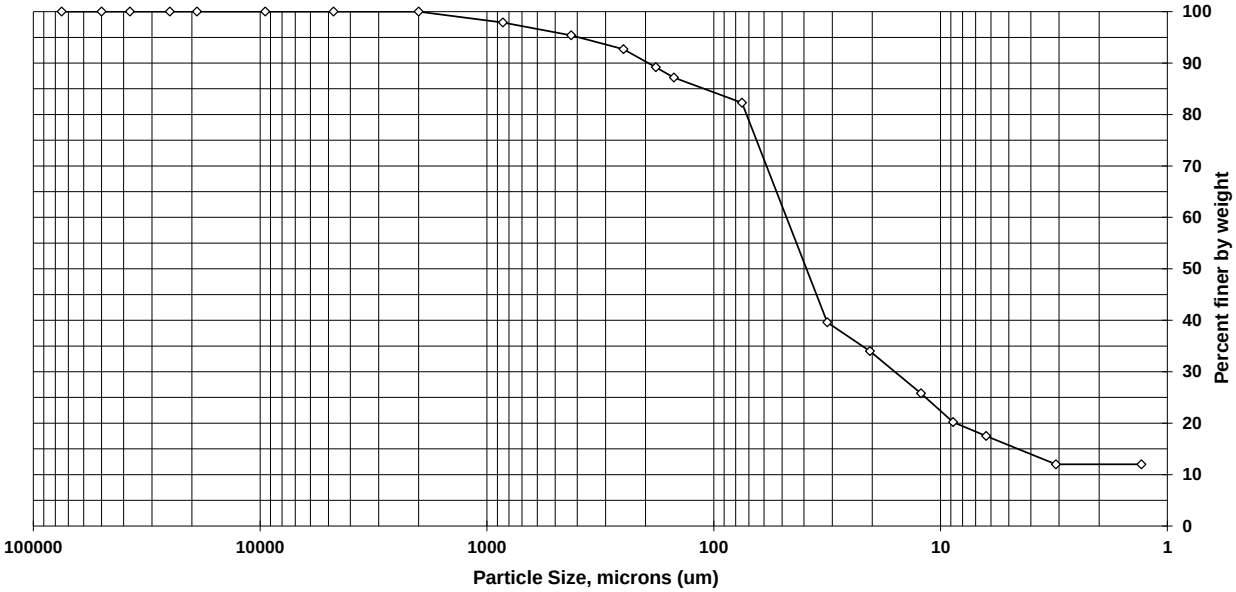
Particle Size of Soils by ASTM D422

Sample ID: C-8
Lab ID: 630-138167-A-16

Percent Solids: 41.0%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	97.9	2.1
#40	425	95.4	2.5
#60	250	92.7	2.7
#80	180	89.2	3.5
#100	150	87.2	2.0
#200	75	82.3	4.9
Hyd1	31.6	39.6	42.7
Hyd2	20.5	34.0	5.6
Hyd3	12.2	25.8	8.2
Hyd4	8.8	20.2	5.6
Hyd5	6.3	17.5	2.7
Hyd6	3.1	12.0	5.5
Hyd7	1.3	12.0	0.0

Soil Classification	Percent of sample
Gravel	0.0
Sand	17.7
Coarse Sand	0.0
Medium Sand	4.6
Fine Sand	13.1
Silt	64.8
Clay	17.5

Sediment Grain Size - D422

Client	
Client Sample ID	C-1
Lab Sample ID	630-138167-A-2

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:15

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.07	g
% Moisture	59.00	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:11

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	140.62	140.62
Sample Weight (Oven Dried)			57.7

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			57.7
% Passing #10			41

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	450.90	450.90	0.00	g	100.0	Sand	Coarse
#20	850	388.10	389.51	1.41	g	97.6	Sand	Medium
#40	425	365.10	366.78	1.68	g	94.7	Sand	Medium
#60	250	347.12	349.26	2.14	g	91.0	Sand	Fine
#80	180	320.08	322.04	1.96	g	87.6	Sand	Fine
#100	150	328.38	329.59	1.21	g	85.5	Sand	Fine
#200	75	324.47	328.36	3.89	g	78.8	Sand	Fine
				0.00	g	78.8		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	57.7

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0150	22.0	33.1	28.8	Silt	
5	5	1.0140	22.0	21.1	26	Silt	
15	15	1.0110	22.0	12.6	17.6	Silt	
30	30	1.0110	22.0	8.9	17.6	Silt	
60	60	1.0090	22.0	6.4	12.1	Silt	
250	250	1.0080	22.0	3.2	9.28	Clay	
1440	1440	1.0080	22.0	1.3	9.28	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	C-2
Lab Sample ID	630-138167-A-4

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:16

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.02	g
% Moisture	60.00	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:06

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	141.50	141.5
Sample Weight (Oven Dried)			56.6

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			56.6
% Passing #10			40

Hydrometer Data

Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	450.90	450.90	0.00	g	100.0	Sand	Coarse
#20	850	388.10	389.16	1.06	g	98.1	Sand	Medium
#40	425	365.10	367.00	1.90	g	94.7	Sand	Medium
#60	250	347.12	349.40	2.28	g	90.7	Sand	Fine
#80	180	320.08	322.09	2.01	g	87.1	Sand	Fine
#100	150	328.38	329.58	1.20	g	85.0	Sand	Fine
#200	75	324.47	328.81	4.34	g	77.3	Sand	Fine
				0.00	g	77.3		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	56.6

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0160	22.0	32.7	32.2	Silt	
5	5	1.0140	22.0	21.1	26.5	Silt	
15	15	1.0110	22.0	12.6	18	Silt	
30	30	1.0110	22.0	8.9	18	Silt	
60	60	1.0100	22.0	6.4	15.1	Silt	
250	250	1.0085	22.0	3.2	10.9	Clay	
1440	1440	1.0080	22.0	1.3	9.46	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	C-3
Lab Sample ID	630-138167-A-6

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:17

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.02	g
% Moisture	60.00	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:11

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	144.68	144.68
Sample Weight (Oven Dried)			57.9

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			57.9
% Passing #10			40

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	490.15	490.15	0.00	g	100.0	Sand	Coarse
#20	850	388.10	389.27	1.17	g	98.0	Sand	Medium
#40	425	365.10	366.00	0.90	g	96.4	Sand	Medium
#60	250	347.12	348.19	1.07	g	94.6	Sand	Fine
#80	180	320.08	322.05	1.97	g	91.2	Sand	Fine
#100	150	328.38	329.74	1.36	g	88.9	Sand	Fine
#200	75	324.47	326.96	2.49	g	84.6	Sand	Fine
				0.00	g	84.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	57.9

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0220	22.0	30.5	48.1	Silt	
5	5	1.0190	22.0	20	39.8	Silt	
15	15	1.0140	22.0	12.2	25.9	Silt	
30	30	1.0130	22.0	8.7	23.1	Silt	
60	60	1.0120	22.0	6.2	20.3	Silt	
250	250	1.0100	22.0	3.1	14.8	Clay	
1440	1440	1.0090	22.0	1.3	12	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	C-5
Lab Sample ID	630-138167-A-10

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:25

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.02	g
% Moisture	60.00	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:23

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	145.38	145.38
Sample Weight (Oven Dried)			58.2

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			58.2
% Passing #10			40

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	490.15	490.15	0.00	g	100.0	Sand	Coarse
#20	850	388.10	390.22	2.12	g	96.4	Sand	Medium
#40	425	365.10	366.20	1.10	g	94.5	Sand	Medium
#60	250	347.12	347.89	0.77	g	93.2	Sand	Fine
#80	180	320.08	320.84	0.76	g	91.9	Sand	Fine
#100	150	328.38	328.87	0.49	g	91.1	Sand	Fine
#200	75	324.47	326.14	1.67	g	88.2	Sand	Fine
				0.00	g	88.2		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	58.2

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0200	22.0	31.2	42.3	Silt	
5	5	1.0170	22.0	20.5	34	Silt	
15	15	1.0140	22.0	12.2	25.8	Silt	
30	30	1.0120	22.0	8.8	20.2	Silt	
60	60	1.0105	22.0	6.3	16.1	Silt	
250	250	1.0090	22.0	3.1	12	Clay	
1440	1440	1.0085	22.0	1.3	10.6	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	C-6
Lab Sample ID	630-138167-A-12

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:30

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.07	g
% Moisture	59.00	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:27

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	148.50	148.5
Sample Weight (Oven Dried)			60.9

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			60.9
% Passing #10			41

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	462.30	46.30	0.00	g	100.0	Sand	Coarse
#20	850	388.10	389.17	1.07	g	98.2	Sand	Medium
#40	425	365.10	365.87	0.77	g	96.9	Sand	Medium
#60	250	347.12	347.87	0.75	g	95.7	Sand	Fine
#80	180	320.08	320.85	0.77	g	94.4	Sand	Fine
#100	150	328.38	328.88	0.50	g	93.6	Sand	Fine
#200	75	324.47	326.44	1.97	g	90.4	Sand	Fine
				0.00	g	90.4		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	60.9

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0220	22.0	30.5	45.7	Silt	
5	5	1.0190	22.0	20	37.8	Silt	
15	15	1.0150	22.0	12.1	27.3	Silt	
30	30	1.0125	22.0	8.8	20.7	Silt	
60	60	1.0110	22.0	6.3	16.7	Silt	
250	250	1.0100	22.0	3.1	14.1	Clay	
1440	1440	1.0090	22.0	1.3	11.4	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	C-7
Lab Sample ID	630-138167-A-14

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:34

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.02	g
% Moisture	60.00	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:28

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	148.48	148.48
Sample Weight (Oven Dried)			59.4

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			1.49
Sample <#10			57.9
% Passing #10			39

Hydrometer Data

Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750	487.42	488.10	0.68	g	98.9	Gravel	
#10	2000	462.30	463.11	0.81	g	97.5	Sand	Coarse
#20	850	388.10	392.19	4.09	g	90.6	Sand	Medium
#40	425	365.10	375.96	10.86	g	72.3	Sand	Medium
#60	250	347.12	352.92	5.80	g	62.5	Sand	Fine
#80	180	320.08	323.56	3.48	g	56.6	Sand	Fine
#100	150	328.38	329.75	1.37	g	54.3	Sand	Fine
#200	75	324.47	327.38	2.91	g	49.4	Sand	Fine
				0.00	g	49.4		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	59.4

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0160	22.0	32.7	30.6	Silt	
5	5	1.0150	22.0	20.9	27.9	Silt	
15	15	1.0130	22.0	12.3	22.5	Silt	
30	30	1.0120	22.0	8.8	19.8	Silt	
60	60	1.0100	22.0	6.4	14.4	Silt	
250	250	1.0085	22.0	3.2	10.4	Clay	
1440	1440	1.0080	22.0	1.3	9.01	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	C-8
Lab Sample ID	630-138167-A-16

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:38

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.07	g
% Moisture	59.00	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:37

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	141.92	141.92
Sample Weight (Oven Dried)			58.2

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			58.2
% Passing #10			41

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	490.15	490.15	0.00	g	100.0	Sand	Coarse
#20	850	388.10	389.33	1.23	g	97.9	Sand	Medium
#40	425	365.10	366.58	1.48	g	95.4	Sand	Medium
#60	250	347.12	348.69	1.57	g	92.7	Sand	Fine
#80	180	320.08	322.11	2.03	g	89.2	Sand	Fine
#100	150	328.38	329.53	1.15	g	87.2	Sand	Fine
#200	75	324.47	327.33	2.86	g	82.3	Sand	Fine
				0.00	g	82.3		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	58.2

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0190	22.0	31.6	39.6	Silt	
5	5	1.0170	22.0	20.5	34	Silt	
15	15	1.0140	22.0	12.2	25.8	Silt	
30	30	1.0120	22.0	8.8	20.2	Silt	
60	60	1.0110	22.0	6.3	17.5	Silt	
250	250	1.0090	22.0	3.1	12	Clay	
1440	1440	1.0090	22.0	1.3	12	Clay	

Surrogate Summary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Matrix: MET, Dissolved **Prep Type: Dissolved**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(27-105)	(16-111)	(18-128)	(22-113)	(27-105)	(24-128)
630-138167-31	SC-1 COMPOSITE ELUTRIATE DIS	67	69	85	68	74	74
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	66	66	77	65	74	68
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	72	79	86	79	83	87
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	38	43	46	42	46	46

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(27-105)	(16-111)	(18-128)	(22-113)	(27-105)	(24-128)
LCS 180-515477/2-A	Lab Control Sample	66	79	73	73	77	67
MB 180-515477/1-A	Method Blank	85	91	90	88	91	90

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Matrix: MET, Dissolved **Prep Type: Dissolved**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(11-150)	(11-150)	(17-142)	(17-142)
630-138167-31	SC-1 COMPOSITE ELUTRIATE DIS	85	83	71	78
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	79	83	69	76
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	92	92	76	84
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	84	91	73	78

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(11-150)	(11-150)	(17-142)	(17-142)
LCS 180-515476/4-A	Lab Control Sample	91	92	79	81
LCSD 180-515476/5-A	Lab Control Sample Dup	95	95	85	88
MB 180-515476/1-A	Method Blank	96	97	79	83

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: MET, Dissolved
Prep Type: Dissolved

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(23-133)	(23-133)	(20-133)	(20-133)
630-138167-31	SC-1 COMPOSITE ELUTRIATE DIS	71	81	50	49
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	77	80	49	46
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	88	89	54	51
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	80	77	50	49

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(23-133)	(23-133)	(20-133)	(20-133)
LCS 180-515476/2-A	Lab Control Sample	88	85	59	58
LCSD 180-515476/3-A	Lab Control Sample Dup	91	86	60	58
MB 180-515476/1-A	Method Blank	97	95	65	63

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-515477/1-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,2-Diphenylhydrazine	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 12:57	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 12:57	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 12:57	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 12:57	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 12:57	1
Caprolactam	5.0	U	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 12:57	1
Acenaphthene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 12:57	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 12:57	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 12:57	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 12:57	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 12:57	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 12:57	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.1	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 12:57	1
Butyl benzyl phthalate	2.0	U	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 12:57	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 12:57	1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-515477/1-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 12:57	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 12:57	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 12:57	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 12:57	1
Di-n-butyl phthalate	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 12:57	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 12:57	1
Diethyl phthalate	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 12:57	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 12:57	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 12:57	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 12:57	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 12:57	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 12:57	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 12:57	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 12:57	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 12:57	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 12:57	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 12:57	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 12:57	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 12:57	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 12:57	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 12:57	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 12:57	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*27 - 105*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
2-Fluorophenol (Surr)	*91*		*16 - 111*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 128*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
Nitrobenzene-d5 (Surr)	*88*		*22 - 113*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
Phenol-d5 (Surr)	*91*		*27 - 105*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
Terphenyl-d14 (Surr)	*90*		*24 - 128*	*06/25/26 22:18*	*06/30/26 12:57*	*1*

Lab Sample ID: LCS 180-515477/2-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	20.0	14.0		ug/L		70	51 - 100
1,2,4,5-Tetrachlorobenzene	20.0	13.0		ug/L		65	54 - 100
1,3-Dichlorobenzene	20.0	13.9		ug/L		70	51 - 100
1,4-Dichlorobenzene	20.0	14.0		ug/L		70	50 - 100

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515477/2-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Diphenylhydrazine	20.0	14.9		ug/L		75	38 - 100
1,2,4-Trichlorobenzene	20.0	13.6		ug/L		68	51 - 100
1,4-Dioxane	20.0	14.2		ug/L		71	39 - 111
2-Chloronaphthalene	20.0	13.1		ug/L		66	45 - 100
2-Chlorophenol	20.0	15.1		ug/L		76	53 - 100
2,3,4,6-Tetrachlorophenol	20.0	13.6		ug/L		68	54 - 100
2,4-Dichlorophenol	20.0	14.3		ug/L		71	55 - 100
2,4-Dimethylphenol	20.0	14.6		ug/L		73	51 - 100
2,4-Dinitrophenol	40.0	27.2		ug/L		68	32 - 111
2,4-Dinitrotoluene	20.0	15.0		ug/L		75	52 - 100
2,6-Dinitrotoluene	20.0	13.4		ug/L		67	49 - 101
2-Methylnaphthalene	20.0	13.7		ug/L		69	48 - 100
2-Methylphenol	20.0	15.5		ug/L		77	51 - 100
Methylphenol, 3 & 4	20.0	15.3		ug/L		77	51 - 100
2-Nitroaniline	20.0	15.5		ug/L		77	47 - 104
3-Nitroaniline	20.0	15.0		ug/L		75	49 - 100
4-Nitroaniline	20.0	15.2		ug/L		76	47 - 100
2-Nitrophenol	20.0	14.9		ug/L		74	56 - 100
4-Nitrophenol	40.0	29.8		ug/L		74	43 - 113
2,2'-oxybis[1-chloropropane]	20.0	16.2		ug/L		81	33 - 102
2,4,5-Trichlorophenol	20.0	14.1		ug/L		70	55 - 100
2,4,6-Trichlorophenol	20.0	14.3		ug/L		71	54 - 100
4-Chloro-3-methylphenol	20.0	14.7		ug/L		73	53 - 100
4-Chlorophenyl phenyl ether	20.0	13.7		ug/L		68	48 - 100
Atrazine	20.0	14.5		ug/L		72	54 - 100
4,6-Dinitro-2-methylphenol	40.0	29.4		ug/L		73	48 - 100
Benzaldehyde	20.0	10.8		ug/L		54	15 - 100
1,1'-Biphenyl	20.0	13.3		ug/L		67	47 - 100
Caprolactam	20.0	18.3		ug/L		92	46 - 105
Acenaphthene	20.0	13.2		ug/L		66	51 - 100
Acenaphthylene	20.0	13.2		ug/L		66	50 - 100
Anthracene	20.0	13.8		ug/L		69	49 - 100
Benzo[a]anthracene	20.0	13.3		ug/L		66	52 - 100
Benzo[b]fluoranthene	20.0	12.9		ug/L		65	50 - 100
Benzo[k]fluoranthene	20.0	13.2		ug/L		66	42 - 100
Benzo[g,h,i]perylene	20.0	13.0		ug/L		65	45 - 100
Benzo[a]pyrene	20.0	13.4		ug/L		67	47 - 100
Aniline	20.0	14.9		ug/L		74	42 - 100
Bis(2-chloroethoxy)methane	20.0	12.6		ug/L		63	36 - 100
Bis(2-chloroethyl)ether	20.0	15.4		ug/L		77	42 - 100
Bis(2-ethylhexyl) phthalate	20.0	14.2		ug/L		71	42 - 108
4-Bromophenyl phenyl ether	20.0	13.7		ug/L		68	50 - 100
Butyl benzyl phthalate	20.0	14.0		ug/L		70	44 - 106
Carbazole	20.0	14.3		ug/L		71	47 - 100
4-Chloroaniline	20.0	14.3		ug/L		72	48 - 100
Benzidine	20.0	9.90	J	ug/L		50	31 - 115
Chrysene	20.0	13.1		ug/L		66	44 - 100
Dibenz(a,h)anthracene	20.0	13.7		ug/L		68	52 - 101
Dibenzofuran	20.0	13.3		ug/L		67	47 - 100

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515477/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515605
Prep Batch: 515477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	20.0	14.7		ug/L		73	50 - 100
Benzoic acid	20.0	16.5		ug/L		83	43 - 114
Di-n-octyl phthalate	20.0	13.7		ug/L		69	21 - 130
Benzyl alcohol	20.0	15.6		ug/L		78	33 - 107
Diethyl phthalate	20.0	14.0		ug/L		70	52 - 100
Dimethyl phthalate	20.0	13.8		ug/L		69	51 - 100
Fluoranthene	20.0	14.1		ug/L		70	50 - 100
Fluorene	20.0	13.2		ug/L		66	49 - 100
Hexachlorobenzene	20.0	13.6		ug/L		68	46 - 100
Hexachlorobutadiene	20.0	13.7		ug/L		69	46 - 101
Hexachlorocyclopentadiene	20.0	12.5		ug/L		63	24 - 113
Hexachloroethane	20.0	14.7		ug/L		73	46 - 100
Indeno[1,2,3-cd]pyrene	20.0	14.1		ug/L		70	48 - 100
Isophorone	20.0	15.0		ug/L		75	42 - 100
Naphthalene	20.0	13.3		ug/L		67	53 - 100
Nitrobenzene	20.0	14.5		ug/L		73	47 - 100
N-Nitrosodiphenylamine	20.0	14.3		ug/L		71	48 - 100
N-Nitrosodi-n-propylamine	20.0	15.5		ug/L		78	47 - 103
Pentachlorophenol	40.0	26.9		ug/L		67	42 - 102
Phenanthrene	20.0	13.8		ug/L		69	47 - 100
Phenol	20.0	15.1		ug/L		75	41 - 100
Pyrene	20.0	13.3		ug/L		66	46 - 100
N-Nitrosodimethylamine	20.0	16.1		ug/L		81	44 - 123
3,3'-Dichlorobenzidine	20.0	13.5		ug/L		68	42 - 100
Pyridine	40.0	29.4		ug/L		73	24 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*66*		*27 - 105*
2-Fluorophenol (Surr)	*79*		*16 - 111*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 128*
Nitrobenzene-d5 (Surr)	*73*		*22 - 113*
Phenol-d5 (Surr)	*77*		*27 - 105*
Terphenyl-d14 (Surr)	*67*		*24 - 128*

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Lab Sample ID: MB 180-515476/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515650
Prep Batch: 515476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00036	ug/L		06/25/26 22:07	07/01/26 08:59	1
alpha-BHC (1C)	0.0013	U	0.0013	0.00024	ug/L		06/25/26 22:07	07/01/26 08:59	1
beta-BHC (1C)	0.0013	U	0.0013	0.00037	ug/L		06/25/26 22:07	07/01/26 08:59	1
delta-BHC (1C)	0.0013	U	0.0013	0.00064	ug/L		06/25/26 22:07	07/01/26 08:59	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00029	ug/L		06/25/26 22:07	07/01/26 08:59	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00037	ug/L		06/25/26 22:07	07/01/26 08:59	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00093	ug/L		06/25/26 22:07	07/01/26 08:59	1
Chlordane (technical) (1C)	0.013	U	0.013	0.0073	ug/L		06/25/26 22:07	07/01/26 08:59	1

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 180-515476/1-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD (1C)	0.0013	U	0.0013	0.00053	ug/L		06/25/26 22:07	07/01/26 08:59	1
4,4'-DDE (1C)	0.0013	U	0.0013	0.00072	ug/L		06/25/26 22:07	07/01/26 08:59	1
4,4'-DDT (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 08:59	1
Dieldrin (1C)	0.0013	U	0.0013	0.00027	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00094	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00064	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endrin (1C)	0.0013	U	0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00052	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00099	ug/L		06/25/26 22:07	07/01/26 08:59	1
Heptachlor (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 08:59	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 08:59	1
Methoxychlor (1C)	0.0013	U	0.0013	0.00078	ug/L		06/25/26 22:07	07/01/26 08:59	1
Mirex (1C)	0.0013	U	0.0013	0.00047	ug/L		06/25/26 22:07	07/01/26 08:59	1
Toxaphene (1C)	0.10	U	0.10	0.049	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan, Total (1C)	0.0026	U	0.0026	0.0010	ug/L		06/25/26 22:07	07/01/26 08:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*96*		*11 - 150*	*06/25/26 22:07*	*07/01/26 08:59*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*97*		*11 - 150*	*06/25/26 22:07*	*07/01/26 08:59*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*79*		*17 - 142*	*06/25/26 22:07*	*07/01/26 08:59*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*83*		*17 - 142*	*06/25/26 22:07*	*07/01/26 08:59*	*1*

Lab Sample ID: LCS 180-515476/4-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin (2C)	0.0250	0.0241		ug/L		96	55 - 119
alpha-BHC (2C)	0.0250	0.0230		ug/L		92	56 - 123
beta-BHC (1C)	0.0250	0.0246		ug/L		99	49 - 116
delta-BHC (1C)	0.0250	0.0146		ug/L		58	44 - 110
gamma-BHC (Lindane) (2C)	0.0250	0.0241		ug/L		96	55 - 122
cis-Chlordane (2C)	0.0250	0.0240		ug/L		96	55 - 125
trans-Chlordane (2C)	0.0250	0.0257		ug/L		103	57 - 127
4,4'-DDD (2C)	0.0250	0.0248		ug/L		99	50 - 113
4,4'-DDE (2C)	0.0250	0.0235		ug/L		94	52 - 108
4,4'-DDT (2C)	0.0250	0.0304		ug/L		122	40 - 124
Dieldrin (2C)	0.0250	0.0237		ug/L		95	57 - 122
Endosulfan I (1C)	0.0250	0.0241		ug/L		96	46 - 142
Endosulfan II (2C)	0.0250	0.0244		ug/L		98	52 - 121
Endosulfan sulfate (2C)	0.0250	0.0233		ug/L		93	37 - 124
Endrin (1C)	0.0250	0.0255		ug/L		102	58 - 124
Endrin aldehyde (2C)	0.0250	0.0270		ug/L		108	42 - 125
Endrin ketone (2C)	0.0250	0.0280		ug/L		112	46 - 128
Heptachlor (2C)	0.0250	0.0284		ug/L		113	53 - 131
Heptachlor epoxide (2C)	0.0250	0.0247		ug/L		99	58 - 125
Methoxychlor (2C)	0.0250	0.0322		ug/L		129	33 - 132

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 180-515476/4-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515476

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr) (1C)	91		11 - 150
Tetrachloro-m-xylene (Surr) (2C)	92		11 - 150
DCB Decachlorobiphenyl (Surr) (1C)	79		17 - 142
DCB Decachlorobiphenyl (Surr) (2C)	81		17 - 142

Lab Sample ID: LCSD 180-515476/5-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515476

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin (2C)			0.0250	0.0248		ug/L		99	55 - 119	3	16
alpha-BHC (1C)			0.0250	0.0239		ug/L		96	56 - 123	4	15
beta-BHC (1C)			0.0250	0.0257		ug/L		103	49 - 116	4	18
delta-BHC (1C)			0.0250	0.0151		ug/L		60	44 - 110	4	19
gamma-BHC (Lindane) (2C)			0.0250	0.0251		ug/L		101	55 - 122	4	15
cis-Chlordane (2C)			0.0250	0.0250		ug/L		100	55 - 125	4	17
trans-Chlordane (2C)			0.0250	0.0269		ug/L		108	57 - 127	5	17
4,4'-DDD (2C)			0.0250	0.0267		ug/L		107	50 - 113	7	19
4,4'-DDE (2C)			0.0250	0.0249		ug/L		100	52 - 108	6	16
4,4'-DDT (1C)			0.0250	0.0304		ug/L		122	40 - 124	0	19
Dieldrin (2C)			0.0250	0.0258		ug/L		103	57 - 122	8	30
Endosulfan I (2C)			0.0250	0.0251		ug/L		100	46 - 142	4	26
Endosulfan II (2C)			0.0250	0.0270		ug/L		108	52 - 121	10	17
Endosulfan sulfate (2C)			0.0250	0.0257		ug/L		103	37 - 124	10	31
Endrin (2C)			0.0250	0.0278		ug/L		111	58 - 124	9	19
Endrin aldehyde (2C)			0.0250	0.0293		ug/L		117	42 - 125	8	29
Endrin ketone (2C)			0.0250	0.0306		ug/L		122	46 - 128	9	35
Heptachlor (2C)			0.0250	0.0292		ug/L		117	53 - 131	3	15
Heptachlor epoxide (2C)			0.0250	0.0256		ug/L		102	58 - 125	4	17
Methoxychlor (2C)			0.0250	0.0351	*+	ug/L		140	33 - 132	9	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr) (1C)	95		11 - 150
Tetrachloro-m-xylene (Surr) (2C)	95		11 - 150
DCB Decachlorobiphenyl (Surr) (1C)	85		17 - 142
DCB Decachlorobiphenyl (Surr) (2C)	88		17 - 142

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-515476/1-A
Matrix: Water
Analysis Batch: 515649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.010	U	0.010	0.0048	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1221 (1C)	0.010	U	0.010	0.0057	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1232 (1C)	0.010	U	0.010	0.0052	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1242 (1C)	0.010	U	0.010	0.0036	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1248 (1C)	0.010	U	0.010	0.0080	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1254 (1C)	0.010	U	0.010	0.0046	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1260 (1C)	0.010	U	0.010	0.0039	ug/L		06/25/26 22:07	07/01/26 09:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*97*		*23 - 133*	*06/25/26 22:07*	*07/01/26 09:26*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*95*		*23 - 133*	*06/25/26 22:07*	*07/01/26 09:26*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*65*		*20 - 133*	*06/25/26 22:07*	*07/01/26 09:26*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*63*		*20 - 133*	*06/25/26 22:07*	*07/01/26 09:26*	*1*

Lab Sample ID: LCS 180-515476/2-A
Matrix: Water
Analysis Batch: 515649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515476

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016 (1C)			1.00	0.475		ug/L		48	42 - 119		
PCB-1260 (2C)			1.00	0.836		ug/L		84	47 - 107		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*88*		*23 - 133*
DCB Decachlorobiphenyl (Surr) (2C)	*85*		*23 - 133*
Tetrachloro-m-xylene (Surr) (1C)	*59*		*20 - 133*
Tetrachloro-m-xylene (Surr) (2C)	*58*		*20 - 133*

Lab Sample ID: LCSD 180-515476/3-A
Matrix: Water
Analysis Batch: 515649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515476

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016 (1C)			1.00	0.494		ug/L		49	42 - 119	4	23
PCB-1260 (2C)			1.00	0.890		ug/L		89	47 - 107	6	22

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl (Surr) (1C)	*91*		*23 - 133*
DCB Decachlorobiphenyl (Surr) (2C)	*86*		*23 - 133*
Tetrachloro-m-xylene (Surr) (1C)	*60*		*20 - 133*
Tetrachloro-m-xylene (Surr) (2C)	*58*		*20 - 133*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-844260/1-A
Matrix: Water
Analysis Batch: 845045

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 844260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	U	25	12	ug/L		06/30/26 15:56	07/01/26 09:12	1
Antimony	1.0	U	1.0	0.20	ug/L		06/30/26 15:56	07/01/26 09:12	1
Arsenic	2.0	U	2.0	0.68	ug/L		06/30/26 15:56	07/01/26 09:12	1
Barium	2.0	U	2.0	0.75	ug/L		06/30/26 15:56	07/01/26 09:12	1
Beryllium	0.50	U	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 09:12	1
Cadmium	0.50	U	0.50	0.15	ug/L		06/30/26 15:56	07/01/26 09:12	1
Calcium	100	U	100	50	ug/L		06/30/26 15:56	07/01/26 09:12	1
Chromium	2.0	U	2.0	0.55	ug/L		06/30/26 15:56	07/01/26 09:12	1
Cobalt	0.50	U	0.50	0.16	ug/L		06/30/26 15:56	07/01/26 09:12	1
Copper	1.0	U	1.0	0.85	ug/L		06/30/26 15:56	07/01/26 09:12	1
Iron	50	U	50	20	ug/L		06/30/26 15:56	07/01/26 09:12	1
Lead	0.50	U	0.50	0.12	ug/L		06/30/26 15:56	07/01/26 09:12	1
Magnesium	50	U	50	16	ug/L		06/30/26 15:56	07/01/26 09:12	1
Manganese	2.0	U	2.0	1.2	ug/L		06/30/26 15:56	07/01/26 09:12	1
Nickel	1.0	U	1.0	0.40	ug/L		06/30/26 15:56	07/01/26 09:12	1
Potassium	200	U	200	65	ug/L		06/30/26 15:56	07/01/26 09:12	1
Selenium	1.0	U	1.0	0.28	ug/L		06/30/26 15:56	07/01/26 09:12	1
Silver	0.50	U	0.50	0.10	ug/L		06/30/26 15:56	07/01/26 09:12	1
Sodium	200	U	200	90	ug/L		06/30/26 15:56	07/01/26 09:12	1
Thallium	0.50	U	0.50	0.13	ug/L		06/30/26 15:56	07/01/26 09:12	1
Zinc	10	U	10	4.0	ug/L		06/30/26 15:56	07/01/26 09:12	1
Vanadium	4.0	U	4.0	0.79	ug/L		06/30/26 15:56	07/01/26 09:12	1

Lab Sample ID: LCS 410-844260/2-A
Matrix: Water
Analysis Batch: 845045

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 844260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	5180		ug/L		104	83 - 114
Antimony	100	105		ug/L		105	85 - 115
Arsenic	500	514		ug/L		103	86 - 111
Barium	500	522		ug/L		104	86 - 114
Beryllium	50.0	52.4		ug/L		105	80 - 120
Cadmium	50.0	53.2		ug/L		106	86 - 114
Calcium	5000	5050		ug/L		101	84 - 113
Chromium	500	502		ug/L		100	84 - 113
Cobalt	500	508		ug/L		102	85 - 112
Copper	500	513		ug/L		103	86 - 111
Iron	5000	5020		ug/L		100	84 - 114
Lead	50.0	52.8		ug/L		106	86 - 114
Magnesium	5000	5120		ug/L		102	84 - 113
Manganese	500	504		ug/L		101	84 - 113
Nickel	500	508		ug/L		102	85 - 113
Potassium	5000	5050		ug/L		101	87 - 111
Selenium	100	102		ug/L		102	86 - 111
Silver	50.0	54.7		ug/L		109	88 - 116
Sodium	5000	5120		ug/L		102	84 - 114
Thallium	100	102		ug/L		102	86 - 113
Zinc	500	516		ug/L		103	86 - 112

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

Lab Sample ID: LCS 410-844260/2-A
Matrix: Water
Analysis Batch: 845045

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 844260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	500	507		ug/L		101	84 - 112

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-844018/1-A
Matrix: Water
Analysis Batch: 844515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 844018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 10:46	06/30/26 16:20	1

Lab Sample ID: LCS 410-844018/2-A
Matrix: Water
Analysis Batch: 844515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 844018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	0.956		ug/L		96	80 - 120

Method: 2540G - SM 2540G

Lab Sample ID: 630-138167-5 DU
Matrix: Sediment
Analysis Batch: 515327

Client Sample ID: C-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	58.4		58.5		%		0.07	10
Percent Solids	41.6		41.5		%		0.1	10

Method: 2540G-2011 - Total, Fixed, and Volatile Solids

Lab Sample ID: LCS 410-836736/1
Matrix: Solid
Analysis Batch: 836736

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Percent Moisture	89.5	89.1		%		100	94 - 108
Total Solids	10.5	10.9		%		104	94 - 108
Percent Solids	10.5	10.9		%		104	94 - 108

Method: EPA 7196A - Chromium, Hexavalent

Lab Sample ID: MB 180-515469/12
Matrix: Water
Analysis Batch: 515469

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	10	U	10	6.0	ug/L			06/25/26 16:37	1

Method: EPA 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 180-515469/13
Matrix: Water
Analysis Batch: 515469

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	500	516		ug/L		103	85 - 115

Method: EPA 9014 - Cyanide

Lab Sample ID: MB 180-515501/4-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 12:29	1

Lab Sample ID: HLCS 180-515501/2-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515501

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	250	248		ug/L		99	90 - 110

Lab Sample ID: LCS 180-515501/3-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	200	196		ug/L		98	85 - 115

Lab Sample ID: LLCS 180-515501/1-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515501

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	50.0	50.6		ug/L		101	90 - 110

Lab Sample ID: 630-138167-31 MS
Matrix: MET, Dissolved
Analysis Batch: 515513

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED
Prep Type: Dissolved
Prep Batch: 515501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	10	U	200	161		ug/L		80	75 - 125

Lab Sample ID: 630-138167-31 MSD
Matrix: MET, Dissolved
Analysis Batch: 515513

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED
Prep Type: Dissolved
Prep Batch: 515501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	10	U	200	162		ug/L		81	75 - 125	1	20

Method: EPA 9014 - Cyanide (Continued)

Lab Sample ID: 630-138167-31 DU
Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED
Matrix: MET, Dissolved
Prep Type: Dissolved
Analysis Batch: 515513
Prep Batch: 515501

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	10	U	10	U	ug/L		NC	20

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 180-515414/4
Client Sample ID: Method Blank
Matrix: Sediment
Prep Type: Total/NA
Analysis Batch: 515414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	970	mg/Kg			06/24/26 09:01	1

Lab Sample ID: LCS 180-515414/5
Client Sample ID: Lab Control Sample
Matrix: Sediment
Prep Type: Total/NA
Analysis Batch: 515414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	40000	40200		mg/Kg		100	75 - 125

Lab Sample ID: LCSD 180-515414/6
Client Sample ID: Lab Control Sample Dup
Matrix: Sediment
Prep Type: Total/NA
Analysis Batch: 515414

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	40000	39500		mg/Kg		99	75 - 125	2	20

Method: Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 410-842906/33
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	300	U	300	100	mg/Kg			06/26/26 19:23	1

Lab Sample ID: MB 410-842906/5
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	300	U	300	100	mg/Kg			06/26/26 17:41	1

Lab Sample ID: MB 410-842906/61
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	300	U	300	100	mg/Kg			06/26/26 21:04	1

Method: Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 410-842906/32
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	2700	1930		mg/Kg		71	36 - 163

Lab Sample ID: LCS 410-842906/4
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	2700	2050		mg/Kg		76	36 - 163

Lab Sample ID: LCS 410-842906/60
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 842906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	2700	2040		mg/Kg		75	36 - 163

GC/MS Semi VOA

Prep Batch: 515477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3520C	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3520C	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3520C	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3520C	
MB 180-515477/1-A	Method Blank	Total/NA	Water	3520C	
LCS 180-515477/2-A	Lab Control Sample	Total/NA	Water	3520C	

Analysis Batch: 515605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8270E LL	515477
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8270E LL	515477
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8270E LL	515477
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8270E LL	515477
MB 180-515477/1-A	Method Blank	Total/NA	Water	EPA 8270E LL	515477
LCS 180-515477/2-A	Lab Control Sample	Total/NA	Water	EPA 8270E LL	515477

GC Semi VOA

Prep Batch: 515476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3510C	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3510C	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3510C	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3510C	
MB 180-515476/1-A	Method Blank	Total/NA	Water	3510C	
LCS 180-515476/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 180-515476/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 180-515476/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 180-515476/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 515649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8082A	515476
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8082A	515476
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8082A	515476
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8082A	515476
MB 180-515476/1-A	Method Blank	Total/NA	Water	EPA 8082A	515476
LCS 180-515476/2-A	Lab Control Sample	Total/NA	Water	EPA 8082A	515476
LCSD 180-515476/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 8082A	515476

Analysis Batch: 515650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8081B LL	515476
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8081B LL	515476
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8081B LL	515476
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 8081B LL	515476
MB 180-515476/1-A	Method Blank	Total/NA	Water	EPA 8081B LL	515476
LCS 180-515476/4-A	Lab Control Sample	Total/NA	Water	EPA 8081B LL	515476
LCSD 180-515476/5-A	Lab Control Sample Dup	Total/NA	Water	EPA 8081B LL	515476

GC Semi VOA

Analysis Batch: 515734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	PCB	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	PCB	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	PCB	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	PCB	

Metals

Prep Batch: 844018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	
MB 410-844018/1-A	Method Blank	Total/NA	Water	7470A	
LCS 410-844018/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 844260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3005A	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3005A	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3005A	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	3005A	
MB 410-844260/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-844260/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 844515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	844018
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	844018
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	844018
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7470A	844018
MB 410-844018/1-A	Method Blank	Total/NA	Water	7470A	844018
LCS 410-844018/2-A	Lab Control Sample	Total/NA	Water	7470A	844018

Analysis Batch: 845045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	6020B	844260
MB 410-844260/1-A	Method Blank	Total Recoverable	Water	6020B	844260
LCS 410-844260/2-A	Lab Control Sample	Total Recoverable	Water	6020B	844260

General Chemistry

Analysis Batch: 515325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-1	C-1	Total/NA	Sediment	2540G	

General Chemistry (Continued)

Analysis Batch: 515325 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-3	C-2	Total/NA	Sediment	2540G	

Analysis Batch: 515327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-5	C-3	Total/NA	Sediment	2540G	
630-138167-9	C-5	Total/NA	Sediment	2540G	
630-138167-11	C-6	Total/NA	Sediment	2540G	
630-138167-13	C-7	Total/NA	Sediment	2540G	
630-138167-15	C-8	Total/NA	Sediment	2540G	
630-138167-5 DU	C-3	Total/NA	Sediment	2540G	

Analysis Batch: 515414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-1	C-1	Total/NA	Sediment	EPA-Lloyd Kahn	
630-138167-3	C-2	Total/NA	Sediment	EPA-Lloyd Kahn	
630-138167-5	C-3	Total/NA	Sediment	EPA-Lloyd Kahn	
630-138167-9	C-5	Total/NA	Sediment	EPA-Lloyd Kahn	
630-138167-11	C-6	Total/NA	Sediment	EPA-Lloyd Kahn	
630-138167-13	C-7	Total/NA	Sediment	EPA-Lloyd Kahn	
630-138167-15	C-8	Total/NA	Sediment	EPA-Lloyd Kahn	
MB 180-515414/4	Method Blank	Total/NA	Sediment	EPA-Lloyd Kahn	
LCS 180-515414/5	Lab Control Sample	Total/NA	Sediment	EPA-Lloyd Kahn	
LCSD 180-515414/6	Lab Control Sample Dup	Total/NA	Sediment	EPA-Lloyd Kahn	

Analysis Batch: 515469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 7196A	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 7196A	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 7196A	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 7196A	
MB 180-515469/12	Method Blank	Total/NA	Water	EPA 7196A	
LCS 180-515469/13	Lab Control Sample	Total/NA	Water	EPA 7196A	

Prep Batch: 515501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	9010C	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	9010C	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	9010C	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	9010C	
MB 180-515501/4-A	Method Blank	Total/NA	Water	9010C	
HLCS 180-515501/2-A	Lab Control Sample	Total/NA	Water	9010C	
LCS 180-515501/3-A	Lab Control Sample	Total/NA	Water	9010C	
LLCS 180-515501/1-A	Lab Control Sample	Total/NA	Water	9010C	
630-138167-31 MS	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	9010C	
630-138167-31 MSD	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	9010C	
630-138167-31 DU	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	9010C	

Analysis Batch: 515513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 9014	515501
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 9014	515501

General Chemistry (Continued)

Analysis Batch: 515513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 9014	515501
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 9014	515501
MB 180-515501/4-A	Method Blank	Total/NA	Water	EPA 9014	515501
HLCS 180-515501/2-A	Lab Control Sample	Total/NA	Water	EPA 9014	515501
LCS 180-515501/3-A	Lab Control Sample	Total/NA	Water	EPA 9014	515501
LLCS 180-515501/1-A	Lab Control Sample	Total/NA	Water	EPA 9014	515501
630-138167-31 MS	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 9014	515501
630-138167-31 MSD	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 9014	515501
630-138167-31 DU	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	EPA 9014	515501

Analysis Batch: 515530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7196A	
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7196A	
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7196A	
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	Dissolved	MET, Dissolved	7196A	

Analysis Batch: 836736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-2	C-1	Total/NA	Solid	2540G-2011	
630-138167-4	C-2	Total/NA	Solid	2540G-2011	
630-138167-6	C-3	Total/NA	Solid	2540G-2011	
630-138167-10	C-5	Total/NA	Solid	2540G-2011	
630-138167-12	C-6	Total/NA	Solid	2540G-2011	
630-138167-14	C-7	Total/NA	Solid	2540G-2011	
630-138167-16	C-8	Total/NA	Solid	2540G-2011	
LCS 410-836736/1	Lab Control Sample	Total/NA	Solid	2540G-2011	

Analysis Batch: 842906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	Lloyd Kahn	
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	Lloyd Kahn	
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	Lloyd Kahn	
MB 410-842906/33	Method Blank	Total/NA	Solid	Lloyd Kahn	
MB 410-842906/5	Method Blank	Total/NA	Solid	Lloyd Kahn	
MB 410-842906/61	Method Blank	Total/NA	Solid	Lloyd Kahn	
LCS 410-842906/32	Lab Control Sample	Total/NA	Solid	Lloyd Kahn	
LCS 410-842906/4	Lab Control Sample	Total/NA	Solid	Lloyd Kahn	
LCS 410-842906/60	Lab Control Sample	Total/NA	Solid	Lloyd Kahn	

Geotechnical

Analysis Batch: 845776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-2	C-1	Total/NA	Solid	D422	
630-138167-4	C-2	Total/NA	Solid	D422	
630-138167-6	C-3	Total/NA	Solid	D422	
630-138167-10	C-5	Total/NA	Solid	D422	
630-138167-12	C-6	Total/NA	Solid	D422	
630-138167-14	C-7	Total/NA	Solid	D422	
630-138167-16	C-8	Total/NA	Solid	D422	

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-1
Lab Sample ID: 630-138167-1
Date Collected: 06/10/26 11:15
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	515325	RSR	EET PIT	06/23/26 10:00

Client Sample ID: C-1
Lab Sample ID: 630-138167-1
Date Collected: 06/10/26 11:15
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 39.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 13:56

Client Sample ID: C-1
Lab Sample ID: 630-138167-2
Date Collected: 06/10/26 11:15
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 18:59 - 06/17/26 20:28 [1]
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: C-2
Lab Sample ID: 630-138167-3
Date Collected: 06/10/26 11:52
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	515325	RSR	EET PIT	06/23/26 10:00

Client Sample ID: C-2
Lab Sample ID: 630-138167-3
Date Collected: 06/10/26 11:52
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 14:11

Client Sample ID: C-2
Lab Sample ID: 630-138167-4
Date Collected: 06/10/26 11:52
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 17:30 - 06/17/26 18:59 [1]
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: C-3
Lab Sample ID: 630-138167-5
Date Collected: 06/10/26 13:41
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-3
Lab Sample ID: 630-138167-5
Date Collected: 06/10/26 13:41
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 41.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 14:26

Client Sample ID: C-3
Lab Sample ID: 630-138167-6
Date Collected: 06/10/26 13:41
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 16:00 - 06/17/26 17:30 [1]
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: C-5
Lab Sample ID: 630-138167-9
Date Collected: 06/10/26 13:26
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: C-5
Lab Sample ID: 630-138167-9
Date Collected: 06/10/26 13:26
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 15:11

Client Sample ID: C-5
Lab Sample ID: 630-138167-10
Date Collected: 06/10/26 13:26
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 10:03 - 06/17/26 11:32 [1]
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: C-6
Lab Sample ID: 630-138167-11
Date Collected: 06/10/26 10:56
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: C-6
Lab Sample ID: 630-138167-11
Date Collected: 06/10/26 10:56
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 15:27

Client Sample ID: C-6 — **Lab Sample ID: 630-138167-12**
Date Collected: 06/10/26 10:56 — **Matrix: Solid**
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 13:02 - 06/17/26 14:31 [1]
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: C-7 — **Lab Sample ID: 630-138167-13**
Date Collected: 06/10/26 12:39 — **Matrix: Sediment**
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: C-7 — **Lab Sample ID: 630-138167-13**
Date Collected: 06/10/26 12:39 — **Matrix: Sediment**
Date Received: 06/16/26 09:49 — **Percent Solids: 45.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 15:42

Client Sample ID: C-7 — **Lab Sample ID: 630-138167-14**
Date Collected: 06/10/26 12:39 — **Matrix: Solid**
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 11:32 - 06/17/26 13:02 [1]
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: C-8 — **Lab Sample ID: 630-138167-15**
Date Collected: 06/10/26 13:13 — **Matrix: Sediment**
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: C-8 — **Lab Sample ID: 630-138167-15**
Date Collected: 06/10/26 13:13 — **Matrix: Sediment**
Date Received: 06/16/26 09:49 — **Percent Solids: 42.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 15:57

Client Sample ID: C-8 — **Lab Sample ID: 630-138167-16**
Date Collected: 06/10/26 13:13 — **Matrix: Solid**
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 14:31 - 06/17/26 16:00 [1]
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18
Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Lloyd Kahn		1	842906	A7TA	ELLE	06/26/26 20:35

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20
Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Lloyd Kahn		1	842906	A7TA	ELLE	06/26/26 19:08

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Lab Sample ID: 630-138167-22
Date Collected: 06/16/26 12:16
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Lloyd Kahn		1	842906	A7TA	ELLE	06/26/26 21:48

Client Sample ID: SC-1 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-31
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Dissolved	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 21:25
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 11:08
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 10:53
Dissolved	Analysis	PCB		1	515734	SAB	EET PIT	07/01/26 10:53
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		1	845045	SAM2	ELLE	07/01/26 09:25
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		100	845045	SAM2	ELLE	07/01/26 12:24
Dissolved	Prep	7470A			844018	RFN5	ELLE	06/30/26 10:46
Dissolved	Analysis	7470A		1	844515	IJ3I	ELLE	06/30/26 17:06
Dissolved	Analysis	7196A		1	515530	PS1	EET PIT	07/02/26 10:30
Dissolved	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:42
Dissolved	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Dissolved	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 12:50

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: SC-2 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-32
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Dissolved	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 21:48
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 11:27
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 11:10
Dissolved	Analysis	PCB		1	515734	SAB	EET PIT	07/01/26 11:10
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		1	845045	SAM2	ELLE	07/01/26 10:14
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		100	845045	SAM2	ELLE	07/01/26 12:29
Dissolved	Prep	7470A			844018	RFN5	ELLE	06/30/26 10:46
Dissolved	Analysis	7470A		1	844515	IJ3I	ELLE	06/30/26 17:08
Dissolved	Analysis	7196A		1	515530	PS1	EET PIT	07/02/26 10:30
Dissolved	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:44
Dissolved	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Dissolved	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 12:54

Client Sample ID: SC-3 COMPOSITE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-33
Date Collected: 06/25/26 08:30
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Dissolved	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 22:11
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 11:45
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 11:27
Dissolved	Analysis	PCB		1	515734	SAB	EET PIT	07/01/26 11:27
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		1	845045	SAM2	ELLE	07/01/26 10:12
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		100	845045	SAM2	ELLE	07/01/26 12:27
Dissolved	Prep	7470A			844018	RFN5	ELLE	06/30/26 10:46
Dissolved	Analysis	7470A		1	844515	IJ3I	ELLE	06/30/26 17:10
Dissolved	Analysis	7196A		1	515530	PS1	EET PIT	07/02/26 10:30
Dissolved	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:46
Dissolved	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Dissolved	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 12:54

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Client Sample ID: C-4 DISCRETE ELUTRIATE DISSOLVED
Lab Sample ID: 630-138167-34
Date Collected: 06/25/26 09:00
Matrix: MET, Dissolved
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Dissolved	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 22:34
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 12:04
Dissolved	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Dissolved	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 11:45
Dissolved	Analysis	PCB		1	515734	SAB	EET PIT	07/01/26 11:45
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		1	845045	SAM2	ELLE	07/01/26 10:16
Dissolved	Prep	3005A			844260	ZKHU	ELLE	06/30/26 15:56
Dissolved	Analysis	6020B		100	845045	SAM2	ELLE	07/01/26 12:31
Dissolved	Prep	7470A			844018	RFN5	ELLE	06/30/26 10:46
Dissolved	Analysis	7470A		1	844515	IJ3I	ELLE	06/30/26 17:12
Dissolved	Analysis	7196A		1	515530	PS1	EET PIT	07/02/26 10:30
Dissolved	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:50
Dissolved	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Dissolved	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 12:55

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238 [redacted]

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601 [redacted]

Accreditation/Certification Summary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-27

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP PA011. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
2540G-2011		Solid	Percent Moisture
2540G-2011		Solid	Percent Solids
D422		Solid	0.075 mm (Sieve Size #200)
D422		Solid	0.15 mm (Sieve Size #100)
D422		Solid	0.18 mm (Sieve Size #80)
D422		Solid	0.25 mm (Sieve Size #60)
D422		Solid	0.425 mm (Sieve Size #40)
D422		Solid	0.85 mm (Sieve Size #20)
D422		Solid	1.4 um (Hydrometer Reading 7)
D422		Solid	13.4 um (Hydrometer Reading 3)
D422		Solid	19 mm (Sieve Size 0.75 inch)
D422		Solid	2 mm (Sieve Size #10)
D422		Solid	22.9 um (Hydrometer Reading 2)
D422		Solid	25 mm (Sieve Size 1 inch)
D422		Solid	3.3 um (Hydrometer Reading 6)
D422		Solid	36.1 um (Hydrometer Reading 1)
D422		Solid	37.5 mm (Sieve Size 1.5 inch)
D422		Solid	4.75 mm (Sieve Size #4)
D422		Solid	50 mm (Sieve Size 2 inch)
D422		Solid	6.7 um (Hydrometer Reading 5)
D422		Solid	9.5 mm (Sieve Size 0.375 inch)
D422		Solid	9.8 um (Hydrometer Reading 4)
D422		Solid	Clay
D422		Solid	Coarse Sand
D422		Solid	Fine Sand
D422		Solid	Gravel
D422		Solid	Medium Sand
D422		Solid	Sand
D422		Solid	Silt

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA005	06-30-27

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP PA005. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
2540G		Sediment	Percent Moisture
2540G		Sediment	Percent Solids
7196A		MET, Dissolved	Cr (III)
EPA 8081B LL	3510C	MET, Dissolved	Endosulfan, Total (1C)
EPA 9014	9010C	MET, Dissolved	Cyanide, Total
PCB		MET, Dissolved	Polychlorinated biphenyls, Total

Method Summary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Method	Method Description	Protocol	Laboratory
EPA 8270E LL	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8081B LL	Organochlorine Pesticides (GC)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
PCB	Total PCB Calculation	TAL SOP	EET PIT
6020B	Metals (ICP/MS)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
2540G	SM 2540G	SM22	EET PIT
2540G-2011	Total, Fixed, and Volatile Solids	SM	ELLE
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET PIT
EPA 7196A	Chromium, Hexavalent	SW846	EET PIT
EPA 9014	Cyanide	SW846	EET PIT
EPA-Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	EET PIT
Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	ELLE
D422	Grain Size	ASTM	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PIT
3520C	Liquid-Liquid Extraction (Continuous)	SW846	EET PIT
7470A	Preparation, Mercury	SW846	ELLE
9010C	Cyanide, Distillation	SW846	EET PIT

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, [redacted]
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, [redacted]

Sample Summary

Client: ST Hudson Engineers
Job ID: 630-138167-1
Project/Site: DRBA Lewes Ferry Terminal - Discrete

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
630-138167-1	C-1	Sediment	06/10/26 11:15	06/16/26 09:49	New Jersey
630-138167-2	C-1	Solid	06/10/26 11:15	06/16/26 09:49	New Jersey
630-138167-3	C-2	Sediment	06/10/26 11:52	06/16/26 09:49	New Jersey
630-138167-4	C-2	Solid	06/10/26 11:52	06/16/26 09:49	New Jersey
630-138167-5	C-3	Sediment	06/10/26 13:41	06/16/26 09:49	New Jersey
630-138167-6	C-3	Solid	06/10/26 13:41	06/16/26 09:49	New Jersey
630-138167-9	C-5	Sediment	06/10/26 13:26	06/16/26 09:49	New Jersey
630-138167-10	C-5	Solid	06/10/26 13:26	06/16/26 09:49	New Jersey
630-138167-11	C-6	Sediment	06/10/26 10:56	06/16/26 09:49	New Jersey
630-138167-12	C-6	Solid	06/10/26 10:56	06/16/26 09:49	New Jersey
630-138167-13	C-7	Sediment	06/10/26 12:39	06/16/26 09:49	New Jersey
630-138167-14	C-7	Solid	06/10/26 12:39	06/16/26 09:49	New Jersey
630-138167-15	C-8	Sediment	06/10/26 13:13	06/16/26 09:49	New Jersey
630-138167-16	C-8	Solid	06/10/26 13:13	06/16/26 09:49	New Jersey
630-138167-18	SC-1 COMPOSITE (C1+C2)	Solid	06/16/26 11:10	06/16/26 09:49	New Jersey
630-138167-20	SC-2 COMPOSITE (C3+C7)	Solid	06/16/26 11:48	06/16/26 09:49	New Jersey
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Solid	06/16/26 12:16	06/16/26 09:49	New Jersey
630-138167-31	SC-1 COMPOSITE ELUTRIATE DISSOLVED	MET, Dissolved	06/25/26 08:30	06/16/26 09:49	New Jersey
630-138167-32	SC-2 COMPOSITE ELUTRIATE DISSOLVED	MET, Dissolved	06/25/26 08:30	06/16/26 09:49	New Jersey
630-138167-33	SC-3 COMPOSITE ELUTRIATE DISSOLVED	MET, Dissolved	06/25/26 08:30	06/16/26 09:49	New Jersey
630-138167-34	C-4 DISCRETE ELUTRIATE DISSOLVED	MET, Dissolved	06/25/26 09:00	06/16/26 09:49	New Jersey

630 10512

eurofins | Drinking Water and Wastewater Northeast, LLC

795 Horsham Road
Horsham, PA 19044

CHAIN OF CUSTODY

Page 1 of 1

Lab | LAB 630-138167 Chain of Custody

Bill to/Report to (if different)

Sampling Site Address (if different) Include State: DRBA LEWES FERRY TERMINAL

Client/Acct. No.
Address: 900 Ducley Ave
City/State/Zip: Cherry Hill, NJ, 08002
Phone/Fax
Client Contact: Clare Mueller

P.O. No. PWSID#:
Quote#
e-mail:

___ Ascorbic/HCL Vials # ___ HCl Vials
___ $Na_2S_2O_3$
___ NaOH/Znacetate
2 HNO_3 250 pl
___ H_2SO_4
2 NaOH 250 pl
___ Unpreserved 4-Amb Qt, 10-250 Amb
___ HCl # ___ NH4Cl # ___ MeOH
___ DI Water

MATRIX CODES
N: DRINKING WATER
GW: GROUND WATER
WW: WASTEWATER
SO: SOIL
SL: SLUDGE
OIL: OIL
SOL: NON SOIL SOLID
MI: MISCELLANEOUS
X: OTHER

Field pH, Temp (°C), DO, C12, Cond, etc.

LAB USE ONLY

PROJECT / FIELD ID	Collection Date	Military Time	GRAB	COMP	Matrix Code	Number of Containers: Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	UNPRE	BACT	ANALYSIS REQUESTED
C-1	6/10	11:15													Grain Size, TOC, % Solids
C-2	6/10	11:52													
C-3		1:41													
C-4		12:34													
C-5		1:26													
C-6		10:56													
C-7		12:39													
C-8		1:13													
SW	6/10	3:00													8270, 8081, 8082, TAL Metals, CN
FB	6/11	8:41													

SAMPLED BY: (Name/Company) S.T. Hudson Eng Inc Clare Mueller

TAT: ☐ STANDARD (10 DAY) or DUE DATE ___/___/___

Report Format: ☐ Standard ☐ NJ-RDD ☐ SRP-RDD ☐ Standard + QC ☐ Forms ☐ EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By: Initials | Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, IE. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY / SAMPLER 1. Clare Mueller	DATE 6/11	TIME 845	RECEIVED BY 1.	DATE 6/11	TIME 0846	DELIVERY: ☐ FEDEX COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER ___
RELINQUISHED BY 2.	DATE 6/11	TIME 1723	RECEIVED BY 2.	DATE	TIME	Custody Seal Number
RELINQUISHED BY 3.	DATE	TIME	RECEIVED BY 3.	DATE	TIME	Rec'd Temp.: ___ Initials: ___ Ice Y / N Location: ___
RELINQUISHED BY 4.	DATE	TIME	RECEIVED BY 4.	DATE	TIME	COMMENTS:
RELINQUISHED BY 5.	DATE	TIME	RECEIVED BY 5.	DATE	TIME	Hazardous: yes / no

7/6/2026

63010512

eurofins | Drinking Water and Wastewater Northeast, LLC

795 Horsham Road
Horsham, PA 19044
[redacted]

CHAIN OF CUSTODY

Page 2 of ___

Lab LIMS No: Loc: 630 **138167**

LAB USE ONLY:

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

Client/Acct. No. ST HUDSON
Address
City/State/Zip
Phone/Fax
Client Contact:

DRBA LEWES FERRY TERMINAL

P.O. No. PWSID#:
Quote#
e-mail:

___ Ascorbic/HCl Vials
___ $Na_2S_2O_3$ _____
___ NaOH/Znacetate _____
___ HNO_3 _____
___ H_2SO_4 _____
___ NaOH _____
___ Unpreserved
___ HCl # ___ NH_4Cl # ___ MeOH
___ DI Water

MATRIX CODES: DW: DRINKING WATER; GW: GROUND WATER; WW: WASTEWATER; SO: SOIL; SL: SLUDGE; OIL: OIL; SOL: NON SOIL SOLID; MI: MISCELLANEOUS; X: OTHER

PROJECT Comps / Elutriates

LAB USE ONLY	FIELD ID	Collection Date	Collection Military Time	GRAB	COMP	Matrix Code	Number of Containers: Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	UNPRE	BACT	ANALYSIS REQUESTED	Field pH, Temp (°C), DO, C12, Cond, etc.
	SC-1 Composite (C1 + C2)	6/16/26	1110		✓											Grain Size, TOC, % Solids, 8270,	
	SC-2 Composite (C3 + C7)	6/16/26	1148		✓											8081, 8082, TAL Metals, CN,	
	SC-3 Composite (C5 + C6 + C8)	6/16/26	1216		✓											CeC, Cr3	
	C-4 - Discrete (see page)	6/10/26	1234	✓													
																Modified Elutriate - TOTAL + Dissolved:	
	SC-1 Composite - Elutriate	6/16/26	1110		✓												
	SC-2 Composite - Elutriate	6/16/26	1148		✓											8270, 8081, 8082, CN,	
	SC-3 Composite - Elutriate	6/16/26	1216		✓											TAL Metals, CeC, Cr3	
	C-4 Discrete - Elutriate	6/10/26	1234	✓													

SAMPLED BY: (Name/Company)

TAT : ☐ STANDARD (10 DAY) or DUE DATE ___/___/___

Report Format: ☐ Standard ☐ NJ-RDD ☐ SRP-RDD ☐ Standard + QC ☐ Forms ☐ EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By: Initials | Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, IE. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME
1.			1.		
RELINQUISHED BY 2.	DATE	TIME	RECEIVED BY 2.	DATE	TIME
RELINQUISHED BY 3.	DATE	TIME	RECEIVED BY 3.	DATE	TIME
RELINQUISHED BY 4.	DATE	TIME	RECEIVED BY 4.	DATE	TIME
RELINQUISHED BY 5.	DATE	TIME	RECEIVED BY 5.	DATE	TIME

DELIVERY: ☐ EETP COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER _____ Custody Seal Number

Rec'd Temp.: _____ Initials: _____ Ice Y / N Location: ____
COMMENTS:

Hazardous: yes / no

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 54.95 LB
CAD: 265788972/CAFE4004
DIMS: 24x16x14 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238
[redacted]
REF:
PO:
DEPT:

Uncorrected temp 5.6 °C
Thermometer ID 28
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2669
THU - 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA
15238
PA-US PIT

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 40.00 LB
CAD: 265788972/CAFE4004
DIMS: 18x16x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238
[redacted]
REF:
PO:
DEPT:

PT-WI-SR-001 effective 7/26/13
Uncorrected temp 2.9 °C
Thermometer ID 28
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2658
THU - 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA
15238
PA-US PIT

630-138167 Waybill



ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 59.20 LB
CAD: 265788972/CAFE4004
DIMS: 25x14x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

[redacted] REF:
PO: DEPT:

Uncorrected temp 21.1 °C
Thermometer ID 28
No Ice
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2680

THU – 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 56.45 LB
CAD: 265788972/CAFE4004
DIMS: 25x14x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

[redacted] REF:
INV: PO: DEPT:

Uncorrected temp 21.4 °C
Thermometer ID 28
No Ice
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2670

THU – 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

PITT CR2 Floor 30BB

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	MoistureTotal Solids, % Moisture	Lloyd_Kahn_ModLloyd Kahn, TOC	8270E_LL/3541_LL(MOD) 8270 Semivolatiles	8081B_LL/3541_LL(MOD) 8081 Pesticides	8082A_LL/3541_LL8082 PCBs	Total_PCBTotal PCB Calculation	9014/9010CCyanide	MoisturePercent Moisture	SED_METModified Elutriate Test Technique	SED_MET_DissModified Elutriate Test Technique, Diss	SED_SET_DissStandard Elutriate Test, Dissolved	8270E_LL/3520C_LVI_LL(MOD) 8270 Semivolatiles	8081B_LL/3510C_LL(MOD) 8081 Pesticides	Total Number of containers	Speci
			Preservation Code:																		
C-1 (630-138167-1)	6/10/26	11 15 Eastern	G	Sediment			X	X												1	
C-2 (630-138167-3)	6/10/26	11.52 Eastern	G	Sediment			X	X												1	
C-3 (630-138167-5)	6/10/26	13 41 Eastern	G	Sediment			X	X												1	
C-4 DISCRETE (630-138167-7)	6/10/26	12 34 Eastern	G	Sediment			X	X	X	X	X	X	X							4	
C-5 (630-138167-9)	6/10/26	13 26 Eastern	G	Sediment			X	X												1	
C-6 (630-138167-11)	6/10/26	10 56 Eastern	G	Sediment			X	X												1	
C-7 (630-138167-13)	6/10/26	12 39 Eastern	G	Sediment			X	X												1	
C-8 (630-138167-15)	6/10/26	13 13 Eastern	G	Sediment			X	X												1	
SC-1 COMPOSITE (C1+C2) (630-138167-17)	6/16/26	11.10 Eastern	G	Sediment			X	X	X	X	X	X	X							4	

630-138167 Chain of Custody

Note Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
	[signature]	6/17/26 1425	eekp	[signature]	6-18-26 0935	EUROFINS
	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 2
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 2 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL8082 PCBs	7196AChromium, Hexavalent	7196A_CR3Chromium, Trivalent	8270E_LL/Filtration_AC(MOD) 8270 Semivolatiles-Dissolved	8081B_LL/Filtration_AC(MOD) 8081 Pesticides-Dissolved	8082A_LL/Filtration_AC8082 PCBs-Dissolved	Total_PCB/Filtration_ACTotal PCB Calculation	9014/Filtration_ACCyanide-Dissolved	7196A/Filtration_ACChromium, Hexavalent-Dissolved	7196A_CR3/Filtration_ACChromium, Trivalent-Dissolved				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
C-1 (630-138167-1)	6/10/26	11 15 Eastern	G	Sediment																1	
C-2 (630-138167-3)	6/10/26	11 52 Eastern	G	Sediment																1	
C-3 (630-138167-5)	6/10/26	13 41 Eastern	G	Sediment																1	
C-4 DISCRETE (630-138167-7)	6/10/26	12 34 Eastern	G	Sediment																4	
C-5 (630-138167-9)	6/10/26	13.26 Eastern	G	Sediment																1	
C-6 (630-138167-11)	6/10/26	10 56 Eastern	G	Sediment																1	
C-7 (630-138167-13)	6/10/26	12 39 Eastern	G	Sediment																1	
C-8 (630-138167-15)	6/10/26	13 13 Eastern	G	Sediment																1	
SC-1 COMPOSITE (C1+C2) (630-138167-17)	6/16/26	11 10 Eastern	G	Sediment																4	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/19/26 1425	[redacted]	[signature]	6-18-26 10:0935	[redacted]
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 3
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 3 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wewater, S=solid O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	MoistureTotal Solids, % Moisture	Lloyd_Kahn_ModLloyd Kahn, TOC	8270E_LL/3541_LL(MOD) 8270 Semivolatiles	8081B_LL/3541_LL(MOD) 8081 Pesticides	8082A_LL/3541_LL8082 PCBs	Total_PCBTotal PCB Calculation	9014/9010CCyanide	MoisturePercent Moisture	SED_METModified Elutriate Test Technique	SED_MET_DissModified Elutriate Test Technique, Diss	SED_SET_DissStandard Elutriate Test, Dissolved	8270E_LL/3520C_LVI_LL(MOD) 8270 Semivolatiles	8081B_LL/3510C_LL(MOD) 8081 Pesticides	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
SC-2 COMPOSITE (C3+C7) (630-138167-19)	6/16/26	11 48 Eastern	G	Sediment			X	X	X	X	X	X	X							4	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-21)	6/16/26	12 16 Eastern	G	Sediment			X	X	X	X	X	X	X							4	
SC-1 COMPOSITE ELUTRIATE (630-138167-23)	6/16/26	11 10 Eastern	G	Sediment										X	X	X	X			1	
SC-1 COMPOSITE ELUTRIATE (630-138167-24)	6/16/26	11 10 Eastern	G	Water								X	X					X	X	1	
SC-2 COMPOSITE ELUTRIATE (630-138167-25)	6/16/26	11 48 Eastern	G	Sediment										X	X	X	X			1	
SC-2 COMPOSITE ELUTRIATE (630-138167-26)	6/16/26	11 48 Eastern	G	Water								X	X					X	X	1	
SC-3 COMPOSITE ELUTRIATE (630-138167-27)	6/16/26	12 16 Eastern	G	Sediment										X	X	X	X			1	
SC-3 COMPOSITE ELUTRIATE (630-138167-28)	6/16/26	12 16 Eastern	G	Water								X	X					X	X	1	
C-4 DISCRETE ELUTRIATE (630-138167-29)	6/10/26	12 34 Eastern	G	Sediment										X	X	X	X			1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
1	[signature]	6/17/26 1425	ecl	[signature]	6-18-26 0935	ECL/HMK
2	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
3	Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 4
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 4 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL8082 PCBs	7196AChromium, Hexavalent	7196A_CR3Chromium, Trivalent	8270E_LL/Filtration_AC(MOD) 8270 Semivolatiles-Dissolved	8081B_LL/Filtration_AC(MOD) 8081 Pesticides-Dissolved	8082A_LL/Filtration_AC8082 PCBs-Dissolved	Total_PCB/Filtration_ACTotal PCB Calculation	9014/Filtration_ACCyanide-Dissolved	7196A/Filtration_ACChromium, Hexavalent-Dissolved	7196A_CR3/Filtration_ACChromium, Trivalent-Dissolved				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
SC-2 COMPOSITE (C3+C7) (630-138167-19)	6/16/26	11:48 Eastern	G	Sediment																4	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-21)	6/16/26	12 16 Eastern	G	Sediment																4	
SC-1 COMPOSITE ELUTRIATE (630-138167-23)	6/16/26	11 10 Eastern	G	Sediment																1	
SC-1 COMPOSITE ELUTRIATE (630-138167-24)	6/16/26	11 10 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	
SC-2 COMPOSITE ELUTRIATE (630-138167-25)	6/16/26	11 48 Eastern	G	Sediment																1	
SC-2 COMPOSITE ELUTRIATE (630-138167-26)	6/16/26	11 48 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	
SC-3 COMPOSITE ELUTRIATE (630-138167-27)	6/16/26	12 16 Eastern	G	Sediment																1	
SC-3 COMPOSITE ELUTRIATE (630-138167-28)	6/16/26	12 16 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	
C-4 DISCRETE ELUTRIATE (630-138167-29)	6/10/26	12 34 Eastern	G	Sediment																1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	6/17/26 1425	eel	[signature]	6-18-26 0935	BC
2						
3						

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 5
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 5 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	MoistureTotal Solids, % Moisture	Lloyd_Kahn_ModLloyd Kahn, TOC	8270E_LL/3541_LL(MOD) 8270 Semivolatiles	8081B_LL/3541_LL(MOD) 8081 Pesticides	8082A_LL/3541_LL8082 PCBs	Total_PCBTotal PCB Calculation	9014/9010CCyanide	MoisturePercent Moisture	SED_METModified Elutriate Test Technique	SED_MET_DissModified Elutriate Test Technique, Diss	SED_SET_DissStandard Elutriate Test, Dissolved	8270E_LL/3520C_LVI_LL(MOD) 8270 Semivolatiles	8081B_LL/3510C_LL(MOD) 8081 Pesticides	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
C-4 DISCRETE ELUTRIATE (630-138167-30)	6/10/26	12 34 Eastern	G	Water								X	X					X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/11/26 1425	eol	[signature]	6-12-26 0935	ERI/TMS
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22227 6
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 6 of 6
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 301 Alpha Drive, RIDC Park,	Due Date Requested: 7/14/2026			
City: Pittsburgh	TAT Requested (days): N/A			
State, Zip: PA, 15238				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A_LL/3510C_LL8082 PCBs	7196AChromium, Hexavalent	7196A_CR3Chromium, Trivalent	8270E_LL/Filtration_AC(MOD) 8270 Semivolatiles-Dissolved	8081B_LL/Filtration_AC(MOD) 8081 Pesticides-Dissolved	8082A_LL/Filtration_AC8082 PCBs-Dissolved	Total_PCB/Filtration_ACTotal PCB Calculation	9014/Filtration_ACCyanide-Dissolved	7196A/Filtration_ACChromium, Hexavalent-Dissolved	7196A_CR3/Filtration_ACChromium, Trivalent-Dissolved				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
C-4 DISCRETE ELUTRIATE (630-138167-30)	6/10/26	12 34 Eastern	G	Water			X	X	X	X	X	X	X	X	X	X				1	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	6/17/26 1425	ESP	[signature]	6-18-26 0935	EPI/TME
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

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

Ver: 03/20/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22215.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422Grain Size w/ Hydrometer	2540GMoisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060ACHromium, Hexavalent	7196A_CR3Chromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
C-1 (630-138167-2)	6/10/26	11:15 Eastern	G	Solid			X	X						1	
C-2 (630-138167-4)	6/10/26	11:52 Eastern	G	Solid			X	X						1	
C-3 (630-138167-6)	6/10/26	13:41 Eastern	G	Solid			X	X						1	
C-4 DISCRETE (630-138167-8)	6/10/26	12:34 Eastern	G	Solid			X	X	X	X	X	X	X	5	
C-5 (630-138167-10)	6/10/26	13:26 Eastern	G	Solid			X	X						1	
C-6 (630-138167-12)	6/10/26	10:56 Eastern	G	Solid			X	X						1	
C-7 (630-138167-14)	6/10/26	12:39 Eastern	G	Solid			X	X						1	
C-8 (630-138167-16)	6/10/26	13:13 Eastern	G	Solid			X	X						1	
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	X	X	X	X	X	X	5	

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		06/16/26 1808	EP			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 06/16/26 2145	Company

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.: 4 / Battelle	Cooler Temperature(s) °C and Other Remarks: R: 3.9-5.1 C: 4.0-5.2

Ver: 03/20/2026

7/6/2026

Eurofins Philadelphia
795 Horsham Road
Horsham, PA 19044-0962
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 630-22215.2
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ST Hudson - DRBA Lewes Ferry Terminal	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422Grain Size w/ Hydrometer	2540GMoisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060AChromium, Hexavalent	7196A_CRJChromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	X	X	X	X	X	X	5	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	X	X	X	X	X	X	5	

Analysis Requested

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	06/16/26 1808	EP	[signature]		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	6/16/26 2145	[signature]

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 4/BatElle | Cooler Temperature(s) °C and Other Remarks: R:3.9-5.1 C:4.0-5.2

JM

Ver: 03/20/2026

7/6/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/FIELD_FLTRDDissolved TAL Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE DISSOLVED (630-138167-31)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE DISSOLVED (630-138167-32)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE DISSOLVED (630-138167-33)	6/25/26	08:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE DISSOLVED (630-138167-34)	6/25/26	09:00 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/25/26 1300	ECLE		6/25/26 1410	ECLE
2		6/25/26 1946	ECLE		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	6/25/26 1946	

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-3
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Elutriate - Total	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005ATAL Metals	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE TOTAL (630-138167-24)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE TOTAL (630-138167-26)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE TOTAL (630-138167-28)	6/25/26	07:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE TOTAL (630-138167-30)	6/25/26	07:30 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 6/25/26 1300	Company: EAL	Received by:		Date/Time: 6/25/26 1410	Company: EAL	
Relinquished by:	Date/Time: 6/25/26 1946	Company: EAL	Received by:		Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by:		Date/Time: 6/25/26 1946	Company:	
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6				

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Sesolid, Dwaste/oil, BTeTissue, AnAir)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Lloyd_Kahn:Lloyd Kahn TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X		X	
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	6/30/26 14:00	EATN	[signature]	6/30/26 1420	ELLE
2	[signature]	6/30/26 1850	ELLE			
3				[signature]	6/30/26 1850	ELLE

Custody Seals Intact: ☑ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.0/3.5

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-2
Address: 2425 New Holland Pike,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Composites, Discrete	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422/Grain Size w/ Hydrometer	2540G/Moisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060A Chromium, Hexavalent	7196A_CR3/Chromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	6/30/26 14:00	EPHNE	[signature]	6/30/26 1420	ELLE
2	[signature]	6/30/26 1850	ELLE			
3				[signature]	6/30/26 1850	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☒ Yes ☐ No		3.0/3.5

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-1

Login Number: 138167

List Number: 1

Creator: Kurz, Chris

List Source: EurofinsPhiladelphia

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-1

Login Number: 138167
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/16/26 03:06 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-1

Login Number: 138167
List Number: 4
Creator: Williams, Peter

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/26/26 10:20 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-1

Login Number: 138167
List Number: 3
Creator: Rucker, Keenyn J

List Source: Eurofins Pittsburgh
List Creation: 06/18/26 01:15 PM

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Ferry
ST Hudson Engineers
900 Dudley Avenue
Cherry Hill, New Jersey 08002
Generated 7/6/2026 6:26:59 AM

JOB DESCRIPTION

DRBA Lewes Ferry Terminal - Composites, Discrete

JOB NUMBER

630-138167-2

EurofinsPhiladelphia
795 Horsham Road
Horsham PA 19044-0962

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager or designee who has signed this report.

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

Authorization



Generated
7/6/2026 6:26:59 AM

Authorized for release by
Erin Dougherty, Project Administrator
[redacted]

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 8
Client Sample Results 15
Surrogate Summary 42
QC Sample Results 43
QC Association Summary 55
Lab Chronicle 60
Certification Summary 64
Method Summary 66
Sample Summary 67
Chain of Custody 68
Receipt Checklists 76

Definitions/Glossary

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
630-138167-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 6/16/2026 9:49 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

GC/MS Semi VOA
Method EPA 8270E LL: The continuing calibration verification (CCV) associated with batch 180-515382 recovered above the upper control limit for 4-Nitrophenol and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 180-515382/3).

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

PCBs
Method EPA 8082A: The continuing calibration verification (CCV) associated with 180-515371 recovered high and outside the control limits for 1248 on one column. Results are confirmed on both columns and reported from the passing column. The associated sample is: (CCV 180-515371/4).

Method EPA 8082A: The continuing calibration verification (CCV) associated with 180-515371 recovered high and outside the control limits for 1260 on one column. Results are confirmed on both columns and hits were reported from the passing column. The associated sample is: (CCVIS 180-515371/5).

Method EPA 8082A: Surrogate recovery for the following samples were outside control limits: C-4 DISCRETE (630-138167-7) and SC-3 COMPOSITE (C5+C6+C8) (630-138167-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method EPA 8082A: The continuing calibration verification (CCV) associated with batch 180-515371 recovered outside acceptance criteria, low biased, for 1016. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

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

Pesticides
Method EPA 8081B LL: The following samples were diluted due to the nature of the sample matrix: C-4 DISCRETE (630-138167-7), SC-1 COMPOSITE (C1+C2) (630-138167-17), SC-2 COMPOSITE (C3+C7) (630-138167-19) and SC-3 COMPOSITE (C5+C6+C8) (630-138167-21)

Method EPA 8081B LL: PEM is used for breakdown check only

(PEM 180-515427/1) and (PEM 180-515427/27)

Method EPA 8081B LL: The continuing calibration verification (CCV) associated with batch 180-515427 recovered outside acceptance criteria, low biased, for toxaphene , chlordane , 4,4-DDT and methoxychlor. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Job ID: 630-138167-2 (Continued) EurofinsPhiladelphia

Method EPA 8081B LL: The continuing calibration verification (CCV) associated with 180-515427 recovered low and outside the control limits for heptachlor on one column. Results are confirmed on both columns and hits were reported from the passing column. The associated sample is: (CCVIS 180-515427/32).

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

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

General Chemistry
Method 7196A: The following samples were diluted due to the nature of the sample matrix: C-4 DISCRETE (630-138167-8) and SC-1 COMPOSITE (C1+C2) (630-138167-18). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SC-2 COMPOSITE (C3+C7) (630-138167-20) and SC-3 COMPOSITE (C5+C6+C8) (630-138167-22). Elevated reporting limits (RLs) are provided.

Method 7196A: The matrix spike soluble (MSS) recovery for preparation batch 410-843801 and analytical batch 410-844189, was outside control limits due to sample matrix. The associated laboratory control sample (LCS/LCSI) recoveries met acceptance criteria.

Method EPA 9014: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 180-515349 and analytical batch 180-515408 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Detection Summary

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Client Sample ID: C-4 DISCRETE — Lab Sample ID: 630-138167-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.0034	J	0.0065	0.0019	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Acenaphthylene	0 0086		0.0065	0.0014	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Anthracene	0.013		0.0065	0.0017	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]anthracene	0.029		0.0065	0.0029	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	0.039		0.0065	0.0016	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	0.018		0.0065	0.0019	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	0.016		0.0065	0.0014	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]pyrene	0.021		0.0065	0.0028	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Carbazole	0.0053	J	0.0065	0.0015	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Chrysene	0.056		0.0065	0.0036	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Fluoranthene	0.13		0.0065	0.0017	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Fluorene	0.0035	J	0.0065	0.0013	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.016		0.0065	0.0032	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Phenanthrene	0.019		0.0065	0.0017	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Pyrene	0.089		0.0065	0.0023	mg/Kg	1	☼	EPA 8270E LL	Total/NA
alpha-BHC (1C)	0.00027	J	0.00040	0.000099	mg/Kg	5	☼	EPA 8081B LL	Total/NA
4,4'-DDD (1C)	0.00011	J p	0.00040	0.000085	mg/Kg	5	☼	EPA 8081B LL	Total/NA
4,4'-DDE (1C)	0.00061		0.00040	0.000082	mg/Kg	5	☼	EPA 8081B LL	Total/NA
Total Organic Carbon	40000		2000	1900	mg/Kg	1	☼	EPA-Lloyd Kahn	Total/NA

Client Sample ID: C-4 DISCRETE — Lab Sample ID: 630-138167-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9200		39	19	mg/Kg	2	☼	6020B	Total/NA
Arsenic	9.5		0.79	0.26	mg/Kg	2	☼	6020B	Total/NA
Barium	25		0.79	0.43	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.41		0.20	0.047	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.42		0.20	0.079	mg/Kg	2	☼	6020B	Total/NA
Calcium	11000		79	39	mg/Kg	2	☼	6020B	Total/NA
Chromium	25		0.79	0.75	mg/Kg	2	☼	6020B	Total/NA
Cobalt	4.3		0.39	0.16	mg/Kg	2	☼	6020B	Total/NA
Copper	12	B	0.79	0.35	mg/Kg	2	☼	6020B	Total/NA
Iron	14000		39	21	mg/Kg	2	☼	6020B	Total/NA
Silver	0.20		0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Potassium	2400		79	32	mg/Kg	2	☼	6020B	Total/NA
Magnesium	4900		20	9.6	mg/Kg	2	☼	6020B	Total/NA
Manganese	170		2.0	1.4	mg/Kg	2	☼	6020B	Total/NA
Sodium	10000		98	47	mg/Kg	2	☼	6020B	Total/NA
Nickel	11		0.79	0.37	mg/Kg	2	☼	6020B	Total/NA
Lead	15		0.39	0.17	mg/Kg	2	☼	6020B	Total/NA
Selenium	0.40	J	0.79	0.20	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.11	J	0.20	0.077	mg/Kg	2	☼	6020B	Total/NA
Vanadium	30		1.6	0.39	mg/Kg	2	☼	6020B	Total/NA
Zinc	75		59	7.9	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.095	J	0.12	0.039	mg/Kg	1	☼	7471B	Total/NA
Total Solids	49		0.10	0.10	%	1		2540G-2011	Total/NA
Cr (III)	25		0.011	0.0035	mg/Kg	1	☼	7196A	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: C-4 DISCRETE (Continued) — Lab Sample ID: 630-138167-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100 0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	98.6				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	93.8				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	75.5				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	60.8				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	54.3				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	49.2				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	46.7				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	40.6				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	20.1				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	17.7				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	14.1				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	11.7				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	10.4				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	8.0				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	8.0				% Finer	1		D422	Total/NA
Clay	10.4				%	1		D422	Total/NA
Gravel	1.4				%	1		D422	Total/NA
Coarse Sand	4.8				%	1		D422	Total/NA
Fine Sand	20.2				%	1		D422	Total/NA
Medium Sand	33.0				%	1		D422	Total/NA
Sand	58.0				%	1		D422	Total/NA
Silt	30.2				%	1		D422	Total/NA

Client Sample ID: SC-1 COMPOSITE (C1+C2) — Lab Sample ID: 630-138167-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.0086		0.0081	0.0018	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Anthracene	0.010		0.0081	0.0021	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]anthracene	0.025		0.0081	0.0036	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	0.033		0.0081	0.0020	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	0.014		0.0081	0.0024	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	0.021		0.0081	0.0017	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]pyrene	0.026		0.0081	0.0035	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Chrysene	0.031		0.0081	0.0045	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Dibenz(a,h)anthracene	0.0077	J	0.0081	0.0051	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Fluoranthene	0.046		0.0081	0.0021	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.018		0.0081	0.0040	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Phenanthrene	0.017		0.0081	0.0022	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Pyrene	0.033		0.0081	0.0028	mg/Kg	1	☼	EPA 8270E LL	Total/NA
alpha-BHC (2C)	0.00016	J p	0.00050	0.00012	mg/Kg	5	☼	EPA 8081B LL	Total/NA
4,4'-DDD (1C)	0.00025	J	0.00050	0.00011	mg/Kg	5	☼	EPA 8081B LL	Total/NA
4,4'-DDE (1C)	0.00058		0.00050	0.00010	mg/Kg	5	☼	EPA 8081B LL	Total/NA
PCB-1260 (1C)	0.00079	J	0.0010	0.00029	mg/Kg	1	☼	EPA 8082A	Total/NA
Polychlorinated biphenyls, Total	0.00079	J	0.0010	0.00036	mg/Kg	1		PCB	Total/NA

Client Sample ID: SC-1 COMPOSITE (C1+C2) — Lab Sample ID: 630-138167-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	18000		43	21	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-1 COMPOSITE (C1+C2) (Continued)
Lab Sample ID: 630-138167-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	21		0.85	0.29	mg/Kg	2	☼	6020B	Total/NA
Barium	43		0.85	0.46	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.76		0.21	0.051	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.78		0.21	0.085	mg/Kg	2	☼	6020B	Total/NA
Calcium	12000		85	42	mg/Kg	2	☼	6020B	Total/NA
Chromium	49		0.85	0.81	mg/Kg	2	☼	6020B	Total/NA
Cobalt	8.3		0.43	0.17	mg/Kg	2	☼	6020B	Total/NA
Copper	24		0.85	0.38	mg/Kg	2	☼	6020B	Total/NA
Iron	28000		43	22	mg/Kg	2	☼	6020B	Total/NA
Silver	0.37		0.21	0.087	mg/Kg	2	☼	6020B	Total/NA
Potassium	4400		85	34	mg/Kg	2	☼	6020B	Total/NA
Magnesium	8500		21	10	mg/Kg	2	☼	6020B	Total/NA
Manganese	340		2.1	1.5	mg/Kg	2	☼	6020B	Total/NA
Sodium	16000		110	51	mg/Kg	2	☼	6020B	Total/NA
Nickel	23		0.85	0.41	mg/Kg	2	☼	6020B	Total/NA
Lead	27		0.43	0.18	mg/Kg	2	☼	6020B	Total/NA
Selenium	0.80	J	0.85	0.21	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.20	J	0.21	0.084	mg/Kg	2	☼	6020B	Total/NA
Vanadium	61		1.7	0.43	mg/Kg	2	☼	6020B	Total/NA
Zinc	140		64	8.5	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.21		0.13	0.043	mg/Kg	1	☼	7471B	Total/NA
Total Solids	43		0.10	0.10	%	1		2540G-2011	Total/NA
Cr (III)	49		0.011	0.0035	mg/Kg	1	☼	7196A	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	96.0				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	92.6				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	89.6				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	87.0				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	85.5				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	80.5				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	34.6				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	28.1				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	20.3				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	16.4				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	13.8				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	10				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	8.7				% Finer	1		D422	Total/NA
Clay	13.8				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	12.1				%	1		D422	Total/NA
Medium Sand	7.4				%	1		D422	Total/NA
Sand	19.5				%	1		D422	Total/NA
Silt	66.7				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Client Sample ID: SC-2 COMPOSITE (C3+C7) — Lab Sample ID: 630-138167-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.0023	J	0.0073	0.0017	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Acenaphthene	0 0080		0.0073	0.0021	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Acenaphthylene	0.0055	J	0.0073	0.0016	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Anthracene	0.014		0.0073	0.0019	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]anthracene	0.026		0.0073	0.0033	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	0.026		0.0073	0.0018	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	0.014		0.0073	0.0022	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	0.016		0.0073	0.0016	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]pyrene	0.020		0.0073	0.0031	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Chrysene	0.032		0.0073	0.0040	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Fluoranthene	0.071		0.0073	0.0019	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Fluorene	0.0050	J	0.0073	0.0014	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.013		0.0073	0.0036	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Naphthalene	0.0042	J	0.0073	0.0014	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Phenanthrene	0.023		0.0073	0.0019	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Pyrene	0.052		0.0073	0.0025	mg/Kg	1	☼	EPA 8270E LL	Total/NA
alpha-BHC (1C)	0.00026	J	0.00045	0.00011	mg/Kg	5	☼	EPA 8081B LL	Total/NA
cis-Chlordane (1C)	0.00057		0.00045	0.00011	mg/Kg	5	☼	EPA 8081B LL	Total/NA
trans-Chlordane (1C)	0.00058	p	0.00045	0.00011	mg/Kg	5	☼	EPA 8081B LL	Total/NA
4,4'-DDD (1C)	0.00048		0.00045	0.000095	mg/Kg	5	☼	EPA 8081B LL	Total/NA
4,4'-DDE (1C)	0.0032		0.00045	0.000092	mg/Kg	5	☼	EPA 8081B LL	Total/NA
Endrin aldehyde (1C)	0.00064		0.00045	0.00016	mg/Kg	5	☼	EPA 8081B LL	Total/NA
Heptachlor epoxide (1C)	0.00037	J	0.00045	0.00012	mg/Kg	5	☼	EPA 8081B LL	Total/NA
PCB-1260 (1C)	0.00083	J	0.00090	0.00026	mg/Kg	1	☼	EPA 8082A	Total/NA
Polychlorinated biphenyls, Total	0.00083	J	0.00090	0.00032	mg/Kg	1		PCB	Total/NA

Client Sample ID: SC-2 COMPOSITE (C3+C7) — Lab Sample ID: 630-138167-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	18000		41	20	mg/Kg	2	☼	6020B	Total/NA
Arsenic	17		0.81	0.27	mg/Kg	2	☼	6020B	Total/NA
Barium	45		0.81	0.44	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.74		0.20	0.048	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.65		0.20	0.081	mg/Kg	2	☼	6020B	Total/NA
Calcium	10000		81	40	mg/Kg	2	☼	6020B	Total/NA
Chromium	50		0.81	0.77	mg/Kg	2	☼	6020B	Total/NA
Cobalt	8.4		0.41	0.16	mg/Kg	2	☼	6020B	Total/NA
Copper	23		0.81	0.37	mg/Kg	2	☼	6020B	Total/NA
Iron	27000		41	21	mg/Kg	2	☼	6020B	Total/NA
Silver	0.36		0.20	0.082	mg/Kg	2	☼	6020B	Total/NA
Potassium	4400		81	32	mg/Kg	2	☼	6020B	Total/NA
Magnesium	8000		20	9.9	mg/Kg	2	☼	6020B	Total/NA
Manganese	420		2.0	1.4	mg/Kg	2	☼	6020B	Total/NA
Sodium	14000		100	49	mg/Kg	2	☼	6020B	Total/NA
Nickel	23		0.81	0.39	mg/Kg	2	☼	6020B	Total/NA
Lead	34		0.41	0.18	mg/Kg	2	☼	6020B	Total/NA
Antimony	0.18	J	0.41	0.16	mg/Kg	2	☼	6020B	Total/NA
Selenium	0.72	J	0.81	0.20	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.17	J	0.20	0.080	mg/Kg	2	☼	6020B	Total/NA
Vanadium	58		1.6	0.41	mg/Kg	2	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SC-2 COMPOSITE (C3+C7) (Continued) — Lab Sample ID: 630-138167-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	140		61	8.1	mg/Kg	2	☼	6020B	Total/NA
Mercury	0 21		0.13	0.045	mg/Kg	1	☼	7471B	Total/NA
Total Solids	46		0.10	0.10	%	1		2540G-2011	Total/NA
Cr (III)	50		0.011	0.0035	mg/Kg	1	☼	7196A	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	99.4				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	98.2				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	94.5				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	85.1				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	79.8				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	75.6				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	73.7				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	70.1				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	35.2				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	30.9				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	25.2				% Finer	1		D422	Total/NA
9.8 um (Hydrometer Reading 4)	18.1				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	15.2				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	12.4				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	10.9				% Finer	1		D422	Total/NA
Clay	15.2				%	1		D422	Total/NA
Gravel	0.6				%	1		D422	Total/NA
Coarse Sand	1.2				%	1		D422	Total/NA
Fine Sand	15.0				%	1		D422	Total/NA
Medium Sand	13.1				%	1		D422	Total/NA
Sand	29.3				%	1		D422	Total/NA
Silt	54.9				%	1		D422	Total/NA

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8) — Lab Sample ID: 630-138167-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.0021	J	0.0081	0.0019	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Acenaphthene	0.0040	J	0.0081	0.0023	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Acenaphthylene	0.0074	J	0.0081	0.0018	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Anthracene	0.012		0.0081	0.0021	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]anthracene	0.031		0.0081	0.0036	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[b]fluoranthene	0.034		0.0081	0.0020	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[k]fluoranthene	0.011		0.0081	0.0024	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[g,h,i]perylene	0.019		0.0081	0.0017	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Benzo[a]pyrene	0.024		0.0081	0.0035	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Chrysene	0.035		0.0081	0.0045	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Dibenz(a,h)anthracene	0.0056	J	0.0081	0.0052	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Fluoranthene	0.063		0.0081	0.0021	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Fluorene	0.0039	J	0.0081	0.0016	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Indeno[1,2,3-cd]pyrene	0.015		0.0081	0.0040	mg/Kg	1	☼	EPA 8270E LL	Total/NA
Phenanthrene	0.017		0.0081	0.0022	mg/Kg	1	☼	EPA 8270E LL	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8) (Continued) — Lab Sample ID: 630-138167-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.048		0.0081	0.0028	mg/Kg	1	☼	EPA 8270E LL	Total/NA
4,4'-DDD (1C)	0 00016	J	0.00051	0.00011	mg/Kg	5	☼	EPA 8081B LL	Total/NA
4,4'-DDE (1C)	0.00033	J	0.00051	0.00010	mg/Kg	5	☼	EPA 8081B LL	Total/NA
PCB-1248 (1C)	0.0032		0.0010	0.00024	mg/Kg	1	☼	EPA 8082A	Total/NA
PCB-1260 (2C)	0.0024		0.0010	0.00029	mg/Kg	1	☼	EPA 8082A	Total/NA
Polychlorinated biphenyls, Total	0.0056		0.0010	0.00036	mg/Kg	1		PCB	Total/NA

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8) — Lab Sample ID: 630-138167-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	20000		46	23	mg/Kg	2	☼	6020B	Total/NA
Arsenic	17		0.92	0.31	mg/Kg	2	☼	6020B	Total/NA
Barium	49		0.92	0.50	mg/Kg	2	☼	6020B	Total/NA
Beryllium	0.81		0.23	0.055	mg/Kg	2	☼	6020B	Total/NA
Cadmium	0.63		0.23	0.092	mg/Kg	2	☼	6020B	Total/NA
Calcium	9800		92	45	mg/Kg	2	☼	6020B	Total/NA
Chromium	55		0.92	0.88	mg/Kg	2	☼	6020B	Total/NA
Cobalt	9.0		0.46	0.18	mg/Kg	2	☼	6020B	Total/NA
Copper	23		0.92	0.42	mg/Kg	2	☼	6020B	Total/NA
Iron	29000		46	24	mg/Kg	2	☼	6020B	Total/NA
Silver	0.37		0.23	0.094	mg/Kg	2	☼	6020B	Total/NA
Potassium	4900		92	37	mg/Kg	2	☼	6020B	Total/NA
Magnesium	9100		23	11	mg/Kg	2	☼	6020B	Total/NA
Manganese	360		2.3	1.6	mg/Kg	2	☼	6020B	Total/NA
Sodium	16000		120	55	mg/Kg	2	☼	6020B	Total/NA
Nickel	25		0.92	0.44	mg/Kg	2	☼	6020B	Total/NA
Lead	31		0.46	0.20	mg/Kg	2	☼	6020B	Total/NA
Selenium	0.70	J	0.92	0.23	mg/Kg	2	☼	6020B	Total/NA
Thallium	0.19	J	0.23	0.091	mg/Kg	2	☼	6020B	Total/NA
Vanadium	62		1.8	0.46	mg/Kg	2	☼	6020B	Total/NA
Zinc	140		69	9.2	mg/Kg	2	☼	6020B	Total/NA
Mercury	0.17		0.14	0.045	mg/Kg	1	☼	7471B	Total/NA
Total Solids	42		0.10	0.10	%	1		2540G-2011	Total/NA
Cr (III)	55		0.011	0.0035	mg/Kg	1	☼	7196A	Total/NA
50 mm (Sieve Size 2 inch)	100.0				% Finer	1		D422	Total/NA
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer	1		D422	Total/NA
25 mm (Sieve Size 1 inch)	100.0				% Finer	1		D422	Total/NA
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer	1		D422	Total/NA
19 mm (Sieve Size 0.75 inch)	100.0				% Finer	1		D422	Total/NA
4.75 mm (Sieve Size #4)	100.0				% Finer	1		D422	Total/NA
2 mm (Sieve Size #10)	100.0				% Finer	1		D422	Total/NA
0.85 mm (Sieve Size #20)	98.1				% Finer	1		D422	Total/NA
0.425 mm (Sieve Size #40)	96.5				% Finer	1		D422	Total/NA
0.25 mm (Sieve Size #60)	94.9				% Finer	1		D422	Total/NA
0.18 mm (Sieve Size #80)	93.1				% Finer	1		D422	Total/NA
0.15 mm (Sieve Size #100)	92.1				% Finer	1		D422	Total/NA
0.075 mm (Sieve Size #200)	88.6				% Finer	1		D422	Total/NA
36.1 um (Hydrometer Reading 1)	43.4				% Finer	1		D422	Total/NA
22.9 um (Hydrometer Reading 2)	38.1				% Finer	1		D422	Total/NA
13.4 um (Hydrometer Reading 3)	24.8				% Finer	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8) (Continued)
Lab Sample ID: 630-138167-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
9.8 um (Hydrometer Reading 4)	19.5				% Finer	1		D422	Total/NA
6.7 um (Hydrometer Reading 5)	19.5				% Finer	1		D422	Total/NA
3.3 um (Hydrometer Reading 6)	12.9				% Finer	1		D422	Total/NA
1.4 um (Hydrometer Reading 7)	11.5				% Finer	1		D422	Total/NA
Clay	19.5				%	1		D422	Total/NA
Gravel	0.0				%	1		D422	Total/NA
Coarse Sand	0.0				%	1		D422	Total/NA
Fine Sand	7.9				%	1		D422	Total/NA
Medium Sand	3.5				%	1		D422	Total/NA
Sand	11.4				%	1		D422	Total/NA
Silt	69.1				%	1		D422	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-7
Date Collected: 06/10/26 12:34
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 51.2

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
1,2-Dichlorobenzene	0.032	U	0.032	0.010	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
1,2,4,5-Tetrachlorobenzene	0.032	U	0.032	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
1,3-Dichlorobenzene	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
1,4-Dichlorobenzene	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
1,4-Dioxane	0.065	U	0.065	0.020	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
1,2-Diphenylhydrazine(as Azobenzene)	0.032	U	0.032	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
1,2,4-Trichlorobenzene	0.032	U	0.032	0.0098	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2-Chloronaphthalene	0.0065	U	0.0065	0.0015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2-Chlorophenol	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,3,4,6-Tetrachlorophenol	0.032	U	0.032	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,4-Dichlorophenol	0.0065	U	0.0065	0.0025	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,4-Dimethylphenol	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,4-Dinitrophenol	0.32	U	0.32	0.20	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,4-Dinitrotoluene	0.032	U	0.032	0.019	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,6-Dinitrotoluene	0.032	U	0.032	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2-Methylnaphthalene	0.0065	U	0.0065	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2-Methylphenol	0.032	U	0.032	0.0093	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Methylphenol, 3 & 4	0.032	U	0.032	0.0095	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2-Nitroaniline	0.17	U	0.17	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
3-Nitroaniline	0.17	U	0.17	0.0082	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
4-Nitroaniline	0.17	U	0.17	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2-Nitrophenol	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
4-Nitrophenol	0.17	U	0.17	0.023	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,2'-oxybis[1-chloropropane]	0.0065	U	0.0065	0.0024	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,4,5-Trichlorophenol	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
2,4,6-Trichlorophenol	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
4-Chloro-3-methylphenol	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
4-Chlorophenyl phenyl ether	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
4,6-Dinitro-2-methylphenol	0.17	U	0.17	0.056	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Cresols, Total	0.064	U	0.064	0.018	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Acenaphthene	**0.0034**	**J**	0.0065	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Acenaphthylene	**0.0086**		0.0065	0.0014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Acetophenone	0.065	U	0.065	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Aniline	0.032	U	0.032	0.0084	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Anthracene	**0.013**		0.0065	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Atrazine	0.065	U	0.065	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzaldehyde	0.065	U	0.065	0.0040	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzidine	0.65	U	0.65	0.24	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzo[a]anthracene	**0.029**		0.0065	0.0029	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzo[b]fluoranthene	**0.039**		0.0065	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzo[k]fluoranthene	**0.018**		0.0065	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzoic acid	0.17	U	0.17	0.072	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzo[g,h,i]perylene	**0.016**		0.0065	0.0014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzo[a]pyrene	**0.021**		0.0065	0.0028	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Bis(2-chloroethoxy)methane	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Bis(2-chloroethyl)ether	0.0065	U	0.0065	0.0020	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Bis(2-ethylhexyl) phthalate	0.32	U	0.32	0.035	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-7
Date Collected: 06/10/26 12:34
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 51.2

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	0.032	U	0.032	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Butyl benzyl phthalate	0.16	U	0.16	0.022	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Caprolactam	0.17	U	0.17	0.021	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Carbazole	**0.0053**	**J**	0.0065	0.0015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
4-Chloroaniline	0.032	U	0.032	0.0085	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Chrysene	**0.056**		0.0065	0.0036	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Dibenz(a,h)anthracene	0.0065	U	0.0065	0.0042	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Dibenzofuran	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Di-n-butyl phthalate	0.32	U	0.32	0.067	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Di-n-octyl phthalate	0.032	U	0.032	0.019	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Diethyl phthalate	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Dimethyl phthalate	0.065	U	0.065	0.036	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Fluoranthene	**0.13**		0.0065	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Fluorene	**0.0035**	**J**	0.0065	0.0013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Hexachlorobenzene	0.0065	U	0.0065	0.0023	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Hexachlorobutadiene	0.0065	U	0.0065	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Hexachlorocyclopentadiene	0.032	U	0.032	0.0088	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Hexachloroethane	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Indeno[1,2,3-cd]pyrene	**0.016**		0.0065	0.0032	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Isophorone	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Naphthalene	0.0065	U	0.0065	0.0013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Nitrobenzene	0.065	U	0.065	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
N-Nitrosodimethylamine	0.032	U	0.032	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
N-Nitrosodiphenylamine	0.032	U	0.032	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
N-Nitrosodi-n-propylamine	0.0065	U	0.0065	0.0022	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Pentachlorophenol	0.17	U	0.17	0.052	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Phenanthrene	**0.019**		0.0065	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Phenol	0.032	U	0.032	0.0098	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Pyrene	**0.089**		0.0065	0.0023	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Pyridine	0.065	U	0.065	0.017	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
Benzyl alcohol	0.16	U	0.16	0.044	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1
3,3'-Dichlorobenzidine	0.032	U	0.032	0.030	mg/Kg	☼	06/24/26 05:24	06/24/26 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*64*		*30 - 105*	*06/24/26 05:24*	*06/24/26 19:24*	*1*
2-Fluorophenol (Surr)	*69*		*25 - 105*	*06/24/26 05:24*	*06/24/26 19:24*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*20 - 119*	*06/24/26 05:24*	*06/24/26 19:24*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 105*	*06/24/26 05:24*	*06/24/26 19:24*	*1*
Phenol-d5 (Surr)	*65*		*29 - 105*	*06/24/26 05:24*	*06/24/26 19:24*	*1*
Terphenyl-d14 (Surr)	*60*		*29 - 105*	*06/24/26 05:24*	*06/24/26 19:24*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.00040	U	0.00040	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
alpha-BHC (1C)	**0.00027**	**J**	0.00040	0.000099	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
beta-BHC (1C)	0.00040	U	0.00040	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
delta-BHC (1C)	0.00040	U	0.00040	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
gamma-BHC (Lindane) (1C)	0.00040	U	0.00040	0.00010	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
cis-Chlordane (1C)	0.00040	U	0.00040	0.00010	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-7
Date Collected: 06/10/26 12:34
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 51.2

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane (1C)	0.00040	U	0.00040	0.000094	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Chlordane (technical) (1C)	0.0040	U	0.0040	0.0017	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
4,4'-DDD (1C)	**0.00011**	**J p**	0.00040	0.000085	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
4,4'-DDE (1C)	**0.00061**		0.00040	0.000082	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
4,4'-DDT (1C)	0.00040	U	0.00040	0.00029	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Dieldrin (1C)	0.00040	U	0.00040	0.00010	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Endosulfan I (1C)	0.00040	U	0.00040	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Endosulfan II (1C)	0.00040	U	0.00040	0.000089	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Endosulfan sulfate (1C)	0.00040	U	0.00040	0.00019	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Endrin (1C)	0.00040	U	0.00040	0.000075	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Endrin aldehyde (1C)	0.00040	U	0.00040	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Endrin ketone (1C)	0.00040	U	0.00040	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Heptachlor (1C)	0.00040	U	0.00040	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Heptachlor epoxide (1C)	0.00040	U	0.00040	0.00010	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Methoxychlor (1C)	0.00040	U	0.00040	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Mirex (1C)	0.00040	U	0.00040	0.00029	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Toxaphene (1C)	0.016	U	0.016	0.011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5
Endosulfan, Total (1C)	0.00080	U	0.00080	0.00020	mg/Kg	☼	06/24/26 05:51	06/25/26 22:02	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*55*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:02*	*5*
Tetrachloro-m-xylene (Surr) (2C)	*52*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:02*	*5*
DCB Decachlorobiphenyl (Surr) (1C)	*55*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:02*	*5*
DCB Decachlorobiphenyl (Surr) (2C)	*73*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:02*	*5*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.00081	U	0.00081	0.00026	mg/Kg	☼	06/23/26 05:15	06/24/26 16:28	1
PCB-1221 (1C)	0.00081	U	0.00081	0.00029	mg/Kg	☼	06/23/26 05:15	06/24/26 16:28	1
PCB-1232 (1C)	0.00081	U	0.00081	0.00020	mg/Kg	☼	06/23/26 05:15	06/24/26 16:28	1
PCB-1242 (1C)	0.00081	U	0.00081	0.00012	mg/Kg	☼	06/23/26 05:15	06/24/26 16:28	1
PCB-1248 (1C)	0.00081	U	0.00081	0.00020	mg/Kg	☼	06/23/26 05:15	06/24/26 16:28	1
PCB-1254 (1C)	0.00081	U	0.00081	0.00024	mg/Kg	☼	06/23/26 05:15	06/24/26 16:28	1
PCB-1260 (1C)	0.00081	U	0.00081	0.00023	mg/Kg	☼	06/23/26 05:15	06/24/26 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*77*		*24 - 125*	*06/23/26 05:15*	*06/24/26 16:28*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*64*		*24 - 125*	*06/23/26 05:15*	*06/24/26 16:28*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*39*	*S1-*	*41 - 105*	*06/23/26 05:15*	*06/24/26 16:28*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*49*		*41 - 105*	*06/23/26 05:15*	*06/24/26 16:28*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.00081	U	0.00081	0.00029	mg/Kg			06/24/26 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**48.8**		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	**51.2**		0.1	0.1	%			06/23/26 10:03	1
Cyanide, Total (SW846 EPA 9014)	0.42	U F2 F1 *+	0.42	0.32	mg/Kg	☼	06/23/26 13:35	06/24/26 14:22	1

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-7
Date Collected: 06/10/26 12:34
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 51.2

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (EPA-Lloyd Kahn)	40000		2000	1900	mg/Kg	☼		06/24/26 14:56	1

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-8
Date Collected: 06/10/26 12:34
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	51		0.10	0.10	%			06/17/26 21:58	1
Total Solids (SM 2540G-2011)	49		0.10	0.10	%			06/17/26 21:58	1
Percent Solids (SM 2540G-2011)	49		0.10	0.10	%			06/17/26 21:58	1
Cr (III) (SW846 7196A)	25		0.011	0.0035	mg/Kg	☼		06/17/26 06:27	1
Percent Moisture (EPA Moisture)	50.2		1.0	1.0	%			06/17/26 08:23	1
Percent Solids (EPA Moisture)	49.8		1.0	1.0	%			06/17/26 08:23	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	98.6				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	93.8				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	75.5				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	60.8				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	54.3				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	49.2				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	46.7				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	40.6				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	20.1				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	17.7				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	14.1				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	11.7				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	10.4				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	8.0				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	8.0				% Finer			06/26/26 20:33	1
Clay	10.4				%			06/26/26 20:33	1
Gravel	1.4				%			06/26/26 20:33	1
Coarse Sand	4.8				%			06/26/26 20:33	1
Fine Sand	20.2				%			06/26/26 20:33	1
Medium Sand	33.0				%			06/26/26 20:33	1
Sand	58.0				%			06/26/26 20:33	1
Silt	30.2				%			06/26/26 20:33	1

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-8

Date Collected: 06/10/26 12:34
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 49.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9200		39	19	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Arsenic	9.5		0.79	0.26	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Barium	25		0.79	0.43	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Beryllium	0.41		0.20	0.047	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Cadmium	0.42		0.20	0.079	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Calcium	11000		79	39	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Chromium	25		0.79	0.75	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Cobalt	4.3		0.39	0.16	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Copper	12	B	0.79	0.35	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Iron	14000		39	21	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Silver	0.20		0.20	0.080	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Potassium	2400		79	32	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Magnesium	4900		20	9.6	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Manganese	170		2.0	1.4	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Sodium	10000		98	47	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Nickel	11		0.79	0.37	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Lead	15		0.39	0.17	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Antimony	0.39	U	0.39	0.16	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Selenium	0.40	J	0.79	0.20	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Thallium	0.11	J	0.20	0.077	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Vanadium	30		1.6	0.39	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2
Zinc	75		59	7.9	mg/Kg	☼	06/25/26 09:24	06/25/26 19:52	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.095	J	0.12	0.039	mg/Kg	☼	07/01/26 12:40	07/01/26 18:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	4.4	U	4.4	3.9	mg/Kg	☼	06/24/26 20:31	06/25/26 19:51	5

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-17

Date Collected: 06/16/26 11:10
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 41.0

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
1,2-Dichlorobenzene	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
1,2,4,5-Tetrachlorobenzene	0.040	U	0.040	0.016	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
1,3-Dichlorobenzene	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
1,4-Dichlorobenzene	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
1,4-Dioxane	0.080	U	0.080	0.025	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
1,2-Diphenylhydrazine(as Azobenzene)	0.040	U	0.040	0.018	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
1,2,4-Trichlorobenzene	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2-Chloronaphthalene	0.0081	U	0.0081	0.0018	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2-Chlorophenol	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,3,4,6-Tetrachlorophenol	0.040	U	0.040	0.017	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,4-Dichlorophenol	0.0081	U	0.0081	0.0031	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Date Collected: 06/16/26 11:10
Date Received: 06/16/26 09:49

Lab Sample ID: 630-138167-17
Matrix: Sediment
Percent Solids: 41.0

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,4-Dinitrophenol	0.40	U	0.40	0.25	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,4-Dinitrotoluene	0.040	U	0.040	0.024	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,6-Dinitrotoluene	0.040	U	0.040	0.016	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2-Methylnaphthalene	0.0081	U	0.0081	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2-Methylphenol	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Methylphenol, 3 & 4	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2-Nitroaniline	0.20	U	0.20	0.018	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
3-Nitroaniline	0.20	U	0.20	0.010	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
4-Nitroaniline	0.20	U	0.20	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2-Nitrophenol	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
4-Nitrophenol	0.20	U	0.20	0.028	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,2'-oxybis[1-chloropropane]	0.0081	U	0.0081	0.0030	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,4,5-Trichlorophenol	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
2,4,6-Trichlorophenol	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
4-Chloro-3-methylphenol	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
4-Chlorophenyl phenyl ether	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
4,6-Dinitro-2-methylphenol	0.20	U	0.20	0.069	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Cresols, Total	0.080	U	0.080	0.023	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Acenaphthene	0.0081	U	0.0081	0.0023	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Acenaphthylene	**0.0086**		0.0081	0.0018	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Acetophenone	0.081	U	0.081	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Aniline	0.040	U	0.040	0.010	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Anthracene	**0.010**		0.0081	0.0021	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Atrazine	0.081	U	0.081	0.018	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzaldehyde	0.081	U	0.081	0.0050	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzidine	0.81	U	0.81	0.30	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzo[a]anthracene	**0.025**		0.0081	0.0036	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzo[b]fluoranthene	**0.033**		0.0081	0.0020	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzo[k]fluoranthene	**0.014**		0.0081	0.0024	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzoic acid	0.20	U	0.20	0.089	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzo[g,h,i]perylene	**0.021**		0.0081	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzo[a]pyrene	**0.026**		0.0081	0.0035	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Bis(2-chloroethoxy)methane	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Bis(2-chloroethyl)ether	0.0081	U	0.0081	0.0025	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.043	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
4-Bromophenyl phenyl ether	0.040	U	0.040	0.017	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Butyl benzyl phthalate	0.20	U	0.20	0.028	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Caprolactam	0.20	U	0.20	0.026	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Carbazole	0.0081	U	0.0081	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
4-Chloroaniline	0.040	U	0.040	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Chrysene	**0.031**		0.0081	0.0045	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Dibenz(a,h)anthracene	**0.0077**	**J**	0.0081	0.0051	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Dibenzofuran	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Di-n-butyl phthalate	0.40	U	0.40	0.084	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Di-n-octyl phthalate	0.040	U	0.040	0.023	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Diethyl phthalate	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Dimethyl phthalate	0.081	U	0.081	0.045	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-17
Date Collected: 06/16/26 11:10
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 41.0

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**0.046**		0.0081	0.0021	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Fluorene	0.0081	U	0.0081	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Hexachlorobenzene	0.0081	U	0.0081	0.0029	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Hexachlorobutadiene	0.0081	U	0.0081	0.0024	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Hexachlorocyclopentadiene	0.040	U	0.040	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Hexachloroethane	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Indeno[1,2,3-cd]pyrene	**0.018**		0.0081	0.0040	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Isophorone	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Naphthalene	0.0081	U	0.0081	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Nitrobenzene	0.080	U	0.080	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
N-Nitrosodimethylamine	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
N-Nitrosodiphenylamine	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
N-Nitrosodi-n-propylamine	0.0081	U	0.0081	0.0027	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Pentachlorophenol	0.20	U	0.20	0.065	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Phenanthrene	**0.017**		0.0081	0.0022	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Phenol	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Pyrene	**0.033**		0.0081	0.0028	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Pyridine	0.081	U	0.081	0.022	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
Benzyl alcohol	0.20	U	0.20	0.054	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1
3,3'-Dichlorobenzidine	0.040	U	0.040	0.038	mg/Kg	☼	06/24/26 05:24	06/24/26 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*30 - 105*	*06/24/26 05:24*	*06/24/26 19:45*	*1*
2-Fluorophenol (Surr)	*69*		*25 - 105*	*06/24/26 05:24*	*06/24/26 19:45*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*20 - 119*	*06/24/26 05:24*	*06/24/26 19:45*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 105*	*06/24/26 05:24*	*06/24/26 19:45*	*1*
Phenol-d5 (Surr)	*65*		*29 - 105*	*06/24/26 05:24*	*06/24/26 19:45*	*1*
Terphenyl-d14 (Surr)	*59*		*29 - 105*	*06/24/26 05:24*	*06/24/26 19:45*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.00050	U	0.00050	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
alpha-BHC (2C)	**0.00016**	**J p**	0.00050	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
beta-BHC (1C)	0.00050	U	0.00050	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
delta-BHC (1C)	0.00050	U	0.00050	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
gamma-BHC (Lindane) (1C)	0.00050	U	0.00050	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
cis-Chlordane (1C)	0.00050	U	0.00050	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
trans-Chlordane (1C)	0.00050	U	0.00050	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Chlordane (technical) (1C)	0.0050	U	0.0050	0.0021	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
4,4'-DDD (1C)	**0.00025**	**J**	0.00050	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
4,4'-DDE (1C)	**0.00058**		0.00050	0.00010	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
4,4'-DDT (1C)	0.00050	U	0.00050	0.00036	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Dieldrin (1C)	0.00050	U	0.00050	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Endosulfan I (1C)	0.00050	U	0.00050	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Endosulfan II (1C)	0.00050	U	0.00050	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Endosulfan sulfate (1C)	0.00050	U	0.00050	0.00023	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Endrin (1C)	0.00050	U	0.00050	0.000094	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Endrin aldehyde (1C)	0.00050	U	0.00050	0.00018	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Endrin ketone (1C)	0.00050	U	0.00050	0.00020	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-17

Date Collected: 06/16/26 11:10
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 41.0

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor (1C)	0.00050	U	0.00050	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Heptachlor epoxide (1C)	0.00050	U	0.00050	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Methoxychlor (1C)	0.00050	U	0.00050	0.00020	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Mirex (1C)	0.00050	U	0.00050	0.00036	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Toxaphene (1C)	0.020	U	0.020	0.014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5
Endosulfan, Total (1C)	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/24/26 05:51	06/25/26 22:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*58*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:21*	*5*
Tetrachloro-m-xylene (Surr) (2C)	*53*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:21*	*5*
DCB Decachlorobiphenyl (Surr) (1C)	*62*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:21*	*5*
DCB Decachlorobiphenyl (Surr) (2C)	*66*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:21*	*5*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0010	U	0.0010	0.00033	mg/Kg	☼	06/23/26 05:15	06/24/26 16:46	1
PCB-1221 (1C)	0.0010	U	0.0010	0.00036	mg/Kg	☼	06/23/26 05:15	06/24/26 16:46	1
PCB-1232 (1C)	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/23/26 05:15	06/24/26 16:46	1
PCB-1242 (1C)	0.0010	U	0.0010	0.00015	mg/Kg	☼	06/23/26 05:15	06/24/26 16:46	1
PCB-1248 (1C)	0.0010	U	0.0010	0.00024	mg/Kg	☼	06/23/26 05:15	06/24/26 16:46	1
PCB-1254 (1C)	0.0010	U	0.0010	0.00030	mg/Kg	☼	06/23/26 05:15	06/24/26 16:46	1
PCB-1260 (1C)	**0.00079**	**J**	0.0010	0.00029	mg/Kg	☼	06/23/26 05:15	06/24/26 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*75*		*24 - 125*	*06/23/26 05:15*	*06/24/26 16:46*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*67*		*24 - 125*	*06/23/26 05:15*	*06/24/26 16:46*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*45*		*41 - 105*	*06/23/26 05:15*	*06/24/26 16:46*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*59*		*41 - 105*	*06/23/26 05:15*	*06/24/26 16:46*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	**0.00079**	**J**	0.0010	0.00036	mg/Kg			06/24/26 16:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**59.0**		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	**41.0**		0.1	0.1	%			06/23/26 10:03	1
Cyanide, Total (SW846 EPA 9014)	0.46	U	0.46	0.35	mg/Kg	☼	06/23/26 13:35	06/24/26 14:25	1

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18

Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	**57**		0.10	0.10	%			06/22/26 10:54	1
Total Solids (SM 2540G-2011)	**43**		0.10	0.10	%			06/22/26 10:54	1
Percent Solids (SM 2540G-2011)	**43**		0.10	0.10	%			06/22/26 10:54	1
Cr (III) (SW846 7196A)	**49**		0.011	0.0035	mg/Kg	☼		06/17/26 06:27	1

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18
Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	57.4		1.0	1.0	%			06/17/26 08:23	1
Percent Solids (EPA Moisture)	42.6		1.0	1.0	%			06/17/26 08:23	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	100.0				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	100.0				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	100.0				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	100.0				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	100.0				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	100.0				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	100.0				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	96.0				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	92.6				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	89.6				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	87.0				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	85.5				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	80.5				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	34.6				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	28.1				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	20.3				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	16.4				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	13.8				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	10				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	8.7				% Finer			06/26/26 20:33	1
Clay	13.8				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	12.1				%			06/26/26 20:33	1
Medium Sand	7.4				%			06/26/26 20:33	1
Sand	19.5				%			06/26/26 20:33	1
Silt	66.7				%			06/26/26 20:33	1

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18
Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 42.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18000		43	21	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Arsenic	21		0.85	0.29	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Barium	43		0.85	0.46	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Beryllium	0.76		0.21	0.051	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Cadmium	0.78		0.21	0.085	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Calcium	12000		85	42	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Chromium	49		0.85	0.81	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Cobalt	8.3		0.43	0.17	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Copper	24		0.85	0.38	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Iron	28000		43	22	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18
Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 42.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.37**		0.21	0.087	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Potassium	**4400**		85	34	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Magnesium	**8500**		21	10	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Manganese	**340**		2.1	1.5	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Sodium	**16000**		110	51	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Nickel	**23**		0.85	0.41	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Lead	**27**		0.43	0.18	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Antimony	0.43	U	0.43	0.17	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Selenium	**0.80**	**J**	0.85	0.21	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Thallium	**0.20**	**J**	0.21	0.084	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Vanadium	**61**		1.7	0.43	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2
Zinc	**140**		64	8.5	mg/Kg	☼	06/29/26 09:31	06/29/26 21:05	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.21**		0.13	0.043	mg/Kg	☼	07/01/26 12:40	07/01/26 18:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	10	U	10	8.9	mg/Kg	☼	06/24/26 20:31	06/25/26 19:51	10

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-19
Date Collected: 06/16/26 11:48
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 45.7

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
1,2-Dichlorobenzene	0.036	U	0.036	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
1,2,4,5-Tetrachlorobenzene	0.036	U	0.036	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
1,3-Dichlorobenzene	0.036	U	0.036	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
1,4-Dichlorobenzene	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
1,4-Dioxane	0.072	U	0.072	0.023	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
1,2-Diphenylhydrazine(as Azobenzene)	0.036	U	0.036	0.016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
1,2,4-Trichlorobenzene	0.036	U	0.036	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2-Chloronaphthalene	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2-Chlorophenol	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,3,4,6-Tetrachlorophenol	0.036	U	0.036	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,4-Dichlorophenol	0.0073	U	0.0073	0.0028	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,4-Dimethylphenol	0.036	U	0.036	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,4-Dinitrophenol	0.36	U	0.36	0.22	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,4-Dinitrotoluene	0.036	U	0.036	0.022	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,6-Dinitrotoluene	0.036	U	0.036	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2-Methylnaphthalene	**0.0023**	**J**	0.0073	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2-Methylphenol	0.036	U	0.036	0.010	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Methylphenol, 3 & 4	0.036	U	0.036	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2-Nitroaniline	0.18	U	0.18	0.016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
3-Nitroaniline	0.18	U	0.18	0.0092	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
4-Nitroaniline	0.18	U	0.18	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Date Collected: 06/16/26 11:48
Date Received: 06/16/26 09:49

Lab Sample ID: 630-138167-19
Matrix: Sediment
Percent Solids: 45.7

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
4-Nitrophenol	0.18	U	0.18	0.025	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,2'-oxybis[1-chloropropane]	0.0073	U	0.0073	0.0027	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,4,5-Trichlorophenol	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
2,4,6-Trichlorophenol	0.036	U	0.036	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
4-Chloro-3-methylphenol	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
4-Chlorophenyl phenyl ether	0.036	U	0.036	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
4,6-Dinitro-2-methylphenol	0.18	U	0.18	0.062	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Cresols, Total	0.072	U	0.072	0.020	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Acenaphthene	**0.0080**		0.0073	0.0021	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Acenaphthylene	**0.0055**	**J**	0.0073	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Acetophenone	0.073	U	0.073	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Aniline	0.036	U	0.036	0.0093	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Anthracene	**0.014**		0.0073	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Atrazine	0.073	U	0.073	0.016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzaldehyde	0.073	U	0.073	0.0045	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzidine	0.73	U	0.73	0.27	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzo[a]anthracene	**0.026**		0.0073	0.0033	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzo[b]fluoranthene	**0.026**		0.0073	0.0018	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzo[k]fluoranthene	**0.014**		0.0073	0.0022	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzoic acid	0.18	U	0.18	0.080	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzo[g,h,i]perylene	**0.016**		0.0073	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzo[a]pyrene	**0.020**		0.0073	0.0031	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Bis(2-chloroethoxy)methane	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Bis(2-chloroethyl)ether	0.0073	U	0.0073	0.0022	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.039	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
4-Bromophenyl phenyl ether	0.036	U	0.036	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Butyl benzyl phthalate	0.18	U	0.18	0.025	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Caprolactam	0.18	U	0.18	0.024	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Carbazole	0.0073	U	0.0073	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
4-Chloroaniline	0.036	U	0.036	0.0095	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Chrysene	**0.032**		0.0073	0.0040	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Dibenz(a,h)anthracene	0.0073	U	0.0073	0.0046	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Dibenzofuran	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Di-n-butyl phthalate	0.36	U	0.36	0.075	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Di-n-octyl phthalate	0.036	U	0.036	0.021	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Diethyl phthalate	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Dimethyl phthalate	0.073	U	0.073	0.040	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Fluoranthene	**0.071**		0.0073	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Fluorene	**0.0050**	**J**	0.0073	0.0014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Hexachlorobenzene	0.0073	U	0.0073	0.0026	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Hexachlorobutadiene	0.0073	U	0.0073	0.0021	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Hexachlorocyclopentadiene	0.036	U	0.036	0.0098	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Indeno[1,2,3-cd]pyrene	**0.013**		0.0073	0.0036	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Isophorone	0.036	U	0.036	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Naphthalene	**0.0042**	**J**	0.0073	0.0014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Nitrobenzene	0.072	U	0.072	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-19

Date Collected: 06/16/26 11:48
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 45.7

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	0.036	U	0.036	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
N-Nitrosodiphenylamine	0.036	U	0.036	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
N-Nitrosodi-n-propylamine	0.0073	U	0.0073	0.0024	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Pentachlorophenol	0.18	U	0.18	0.058	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Phenanthrene	**0.023**		0.0073	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Phenol	0.036	U	0.036	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Pyrene	**0.052**		0.0073	0.0025	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Pyridine	0.073	U	0.073	0.020	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
Benzyl alcohol	0.18	U	0.18	0.049	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1
3,3'-Dichlorobenzidine	0.036	U	0.036	0.034	mg/Kg	☼	06/24/26 05:24	06/24/26 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*58*		*30 - 105*	*06/24/26 05:24*	*06/24/26 20:07*	*1*
2-Fluorophenol (Surr)	*65*		*25 - 105*	*06/24/26 05:24*	*06/24/26 20:07*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*20 - 119*	*06/24/26 05:24*	*06/24/26 20:07*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 105*	*06/24/26 05:24*	*06/24/26 20:07*	*1*
Phenol-d5 (Surr)	*61*		*29 - 105*	*06/24/26 05:24*	*06/24/26 20:07*	*1*
Terphenyl-d14 (Surr)	*54*		*29 - 105*	*06/24/26 05:24*	*06/24/26 20:07*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.00045	U	0.00045	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
alpha-BHC (1C)	**0.00026**	**J**	0.00045	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
beta-BHC (1C)	0.00045	U	0.00045	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
delta-BHC (1C)	0.00045	U	0.00045	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
gamma-BHC (Lindane) (1C)	0.00045	U	0.00045	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
cis-Chlordane (1C)	**0.00057**		0.00045	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
trans-Chlordane (1C)	**0.00058**	**p**	0.00045	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Chlordane (technical) (1C)	0.0045	U	0.0045	0.0019	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
4,4'-DDD (1C)	**0.00048**		0.00045	0.000095	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
4,4'-DDE (1C)	**0.0032**		0.00045	0.000092	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
4,4'-DDT (1C)	0.00045	U	0.00045	0.00033	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Dieldrin (1C)	0.00045	U	0.00045	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Endosulfan I (1C)	0.00045	U	0.00045	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Endosulfan II (1C)	0.00045	U	0.00045	0.00010	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Endosulfan sulfate (1C)	0.00045	U	0.00045	0.00021	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Endrin (1C)	0.00045	U	0.00045	0.000085	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Endrin aldehyde (1C)	**0.00064**		0.00045	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Endrin ketone (1C)	0.00045	U	0.00045	0.00018	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Heptachlor (1C)	0.00045	U	0.00045	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Heptachlor epoxide (1C)	**0.00037**	**J**	0.00045	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Methoxychlor (1C)	0.00045	U	0.00045	0.00018	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Mirex (1C)	0.00045	U	0.00045	0.00033	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Toxaphene (1C)	0.018	U	0.018	0.012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5
Endosulfan, Total (1C)	0.00091	U	0.00091	0.00022	mg/Kg	☼	06/24/26 05:51	06/25/26 22:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*56*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:39*	*5*
Tetrachloro-m-xylene (Surr) (2C)	*49*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:39*	*5*

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-19

Date Collected: 06/16/26 11:48
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 45.7

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*71*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:39*	*5*
DCB Decachlorobiphenyl (Surr) (2C)	*75*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:39*	*5*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.00090	U	0.00090	0.00029	mg/Kg	☼	06/23/26 05:15	06/24/26 17:05	1
PCB-1221 (1C)	0.00090	U	0.00090	0.00032	mg/Kg	☼	06/23/26 05:15	06/24/26 17:05	1
PCB-1232 (1C)	0.00090	U	0.00090	0.00022	mg/Kg	☼	06/23/26 05:15	06/24/26 17:05	1
PCB-1242 (1C)	0.00090	U	0.00090	0.00013	mg/Kg	☼	06/23/26 05:15	06/24/26 17:05	1
PCB-1248 (1C)	0.00090	U	0.00090	0.00022	mg/Kg	☼	06/23/26 05:15	06/24/26 17:05	1
PCB-1254 (1C)	0.00090	U	0.00090	0.00027	mg/Kg	☼	06/23/26 05:15	06/24/26 17:05	1
PCB-1260 (1C)	**0.00083**	**J**	0.00090	0.00026	mg/Kg	☼	06/23/26 05:15	06/24/26 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*86*		*24 - 125*	*06/23/26 05:15*	*06/24/26 17:05*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*63*		*24 - 125*	*06/23/26 05:15*	*06/24/26 17:05*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*44*		*41 - 105*	*06/23/26 05:15*	*06/24/26 17:05*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*55*		*41 - 105*	*06/23/26 05:15*	*06/24/26 17:05*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	**0.00083**	**J**	0.00090	0.00032	mg/Kg			06/24/26 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**54.3**		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	**45.7**		0.1	0.1	%			06/23/26 10:03	1
Cyanide, Total (SW846 EPA 9014)	0.34	U	0.34	0.26	mg/Kg	☼	06/23/26 13:35	06/24/26 14:25	1

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20

Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	**54**		0.10	0.10	%			06/22/26 10:54	1
Total Solids (SM 2540G-2011)	**46**		0.10	0.10	%			06/22/26 10:54	1
Percent Solids (SM 2540G-2011)	**46**		0.10	0.10	%			06/22/26 10:54	1
Cr (III) (SW846 7196A)	**50**		0.011	0.0035	mg/Kg	☼		06/17/26 06:27	1
Percent Moisture (EPA Moisture)	**55.2**		1.0	1.0	%			06/17/26 08:23	1
Percent Solids (EPA Moisture)	**44.8**		1.0	1.0	%			06/17/26 08:23	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	**100.0**				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	**100.0**				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	**100.0**				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	**100.0**				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	**100.0**				% Finer			06/26/26 20:33	1

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20

Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4.75 mm (Sieve Size #4)	99.4				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	98.2				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	94.5				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	85.1				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	79.8				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	75.6				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	73.7				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	70.1				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	35.2				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	30.9				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	25.2				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	18.1				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	15.2				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	12.4				% Finer			06/26/26 20:33	1
1.4 um (Hydrometer Reading 7)	10.9				% Finer			06/26/26 20:33	1
Clay	15.2				%			06/26/26 20:33	1
Gravel	0.6				%			06/26/26 20:33	1
Coarse Sand	1.2				%			06/26/26 20:33	1
Fine Sand	15.0				%			06/26/26 20:33	1
Medium Sand	13.1				%			06/26/26 20:33	1
Sand	29.3				%			06/26/26 20:33	1
Silt	54.9				%			06/26/26 20:33	1

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20

Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 44.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18000		41	20	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Arsenic	17		0.81	0.27	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Barium	45		0.81	0.44	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Beryllium	0.74		0.20	0.048	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Cadmium	0.65		0.20	0.081	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Calcium	10000		81	40	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Chromium	50		0.81	0.77	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Cobalt	8.4		0.41	0.16	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Copper	23		0.81	0.37	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Iron	27000		41	21	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Silver	0.36		0.20	0.082	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Potassium	4400		81	32	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Magnesium	8000		20	9.9	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Manganese	420		2.0	1.4	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Sodium	14000		100	49	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Nickel	23		0.81	0.39	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Lead	34		0.41	0.18	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Antimony	0.18	J	0.41	0.16	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Selenium	0.72	J	0.81	0.20	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Thallium	0.17	J	0.20	0.080	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20
Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 44.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	**58**		1.6	0.41	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2
Zinc	**140**		61	8.1	mg/Kg	☼	06/29/26 09:31	06/29/26 21:07	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.21**		0.13	0.045	mg/Kg	☼	07/01/26 12:40	07/01/26 18:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	19	U	19	16	mg/Kg	☼	06/29/26 21:22	06/30/26 12:02	20

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Lab Sample ID: 630-138167-21
Date Collected: 06/16/26 12:16
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.9

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
1,2-Dichlorobenzene	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
1,2,4,5-Tetrachlorobenzene	0.040	U	0.040	0.016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
1,3-Dichlorobenzene	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
1,4-Dichlorobenzene	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
1,4-Dioxane	0.081	U	0.081	0.025	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
1,2-Diphenylhydrazine(as Azobenzene)	0.040	U	0.040	0.018	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
1,2,4-Trichlorobenzene	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2-Chloronaphthalene	0.0081	U	0.0081	0.0018	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2-Chlorophenol	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,3,4,6-Tetrachlorophenol	0.040	U	0.040	0.017	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,4-Dichlorophenol	0.0081	U	0.0081	0.0031	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,4-Dimethylphenol	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,4-Dinitrophenol	0.40	U	0.40	0.25	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,4-Dinitrotoluene	0.040	U	0.040	0.024	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,6-Dinitrotoluene	0.040	U	0.040	0.016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2-Methylnaphthalene	**0.0021**	**J**	0.0081	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2-Methylphenol	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Methylphenol, 3 & 4	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2-Nitroaniline	0.21	U	0.21	0.018	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
3-Nitroaniline	0.21	U	0.21	0.010	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
4-Nitroaniline	0.21	U	0.21	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2-Nitrophenol	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
4-Nitrophenol	0.21	U	0.21	0.028	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,2'-oxybis[1-chloropropane]	0.0081	U	0.0081	0.0030	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,4,5-Trichlorophenol	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
2,4,6-Trichlorophenol	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
4-Chloro-3-methylphenol	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
4-Chlorophenyl phenyl ether	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
4,6-Dinitro-2-methylphenol	0.21	U	0.21	0.070	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Cresols, Total	0.080	U	0.080	0.023	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Acenaphthene	**0.0040**	**J**	0.0081	0.0023	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Date Collected: 06/16/26 12:16
Date Received: 06/16/26 09:49

Lab Sample ID: 630-138167-21
Matrix: Sediment
Percent Solids: 40.9

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	**0.0074**	**J**	0.0081	0.0018	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Acetophenone	0.081	U	0.081	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Aniline	0.040	U	0.040	0.010	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Anthracene	**0.012**		0.0081	0.0021	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Atrazine	0.081	U	0.081	0.018	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzaldehyde	0.081	U	0.081	0.0050	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzidine	0.81	U	0.81	0.30	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzo[a]anthracene	**0.031**		0.0081	0.0036	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzo[b]fluoranthene	**0.034**		0.0081	0.0020	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzo[k]fluoranthene	**0.011**		0.0081	0.0024	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzoic acid	0.21	U	0.21	0.090	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzo[g,h,i]perylene	**0.019**		0.0081	0.0017	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzo[a]pyrene	**0.024**		0.0081	0.0035	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Bis(2-chloroethoxy)methane	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Bis(2-chloroethyl)ether	0.0081	U	0.0081	0.0025	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Bis(2-ethylhexyl) phthalate	0.40	U	0.40	0.043	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
4-Bromophenyl phenyl ether	0.040	U	0.040	0.017	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Butyl benzyl phthalate	0.20	U	0.20	0.028	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Caprolactam	0.21	U	0.21	0.026	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Carbazole	0.0081	U	0.0081	0.0019	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
4-Chloroaniline	0.040	U	0.040	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Chrysene	**0.035**		0.0081	0.0045	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Dibenz(a,h)anthracene	**0.0056**	**J**	0.0081	0.0052	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Dibenzofuran	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Di-n-butyl phthalate	0.40	U	0.40	0.084	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Di-n-octyl phthalate	0.040	U	0.040	0.023	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Diethyl phthalate	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Dimethyl phthalate	0.081	U	0.081	0.045	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Fluoranthene	**0.063**		0.0081	0.0021	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Fluorene	**0.0039**	**J**	0.0081	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Hexachlorobenzene	0.0081	U	0.0081	0.0029	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Hexachlorobutadiene	0.0081	U	0.0081	0.0024	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Hexachlorocyclopentadiene	0.040	U	0.040	0.011	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Hexachloroethane	0.040	U	0.040	0.014	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Indeno[1,2,3-cd]pyrene	**0.015**		0.0081	0.0040	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Isophorone	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Naphthalene	0.0081	U	0.0081	0.0016	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Nitrobenzene	0.081	U	0.081	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
N-Nitrosodimethylamine	0.040	U	0.040	0.015	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
N-Nitrosodiphenylamine	0.040	U	0.040	0.013	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
N-Nitrosodi-n-propylamine	0.0081	U	0.0081	0.0027	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Pentachlorophenol	0.21	U	0.21	0.065	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Phenanthrene	**0.017**		0.0081	0.0022	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Phenol	0.040	U	0.040	0.012	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Pyrene	**0.048**		0.0081	0.0028	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Pyridine	0.081	U	0.081	0.022	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
Benzyl alcohol	0.20	U	0.20	0.055	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1
3,3'-Dichlorobenzidine	0.040	U	0.040	0.038	mg/Kg	☼	06/24/26 05:24	06/24/26 20:29	1

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)

Date Collected: 06/16/26 12:16
Date Received: 06/16/26 09:49

Lab Sample ID: 630-138167-21

Matrix: Sediment
Percent Solids: 40.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*58*		*30 - 105*	*06/24/26 05:24*	*06/24/26 20:29*	*1*
2-Fluorophenol (Surr)	*62*		*25 - 105*	*06/24/26 05:24*	*06/24/26 20:29*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*20 - 119*	*06/24/26 05:24*	*06/24/26 20:29*	*1*
Nitrobenzene-d5 (Surr)	*59*		*27 - 105*	*06/24/26 05:24*	*06/24/26 20:29*	*1*
Phenol-d5 (Surr)	*61*		*29 - 105*	*06/24/26 05:24*	*06/24/26 20:29*	*1*
Terphenyl-d14 (Surr)	*55*		*29 - 105*	*06/24/26 05:24*	*06/24/26 20:29*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.00051	U	0.00051	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
alpha-BHC (1C)	0.00051	U	0.00051	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
beta-BHC (1C)	0.00051	U	0.00051	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
delta-BHC (1C)	0.00051	U	0.00051	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
gamma-BHC (Lindane) (1C)	0.00051	U	0.00051	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
cis-Chlordane (1C)	0.00051	U	0.00051	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
trans-Chlordane (1C)	0.00051	U	0.00051	0.00012	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Chlordane (technical) (1C)	0.0051	U	0.0051	0.0022	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
4,4'-DDD (1C)	**0.00016**	**J**	0.00051	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
4,4'-DDE (1C)	**0.00033**	**J**	0.00051	0.00010	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
4,4'-DDT (1C)	0.00051	U	0.00051	0.00036	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Dieldrin (1C)	0.00051	U	0.00051	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Endosulfan I (1C)	0.00051	U	0.00051	0.00014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Endosulfan II (1C)	0.00051	U	0.00051	0.00011	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Endosulfan sulfate (1C)	0.00051	U	0.00051	0.00023	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Endrin (1C)	0.00051	U	0.00051	0.000095	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Endrin aldehyde (1C)	0.00051	U	0.00051	0.00018	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Endrin ketone (1C)	0.00051	U	0.00051	0.00021	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Heptachlor (1C)	0.00051	U	0.00051	0.00016	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Heptachlor epoxide (1C)	0.00051	U	0.00051	0.00013	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Methoxychlor (1C)	0.00051	U	0.00051	0.00020	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Mirex (1C)	0.00051	U	0.00051	0.00037	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Toxaphene (1C)	0.020	U	0.020	0.014	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5
Endosulfan, Total (1C)	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/24/26 05:51	06/25/26 22:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*51*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:57*	*5*
Tetrachloro-m-xylene (Surr) (2C)	*45*		*18 - 145*	*06/24/26 05:51*	*06/25/26 22:57*	*5*
DCB Decachlorobiphenyl (Surr) (1C)	*50*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:57*	*5*
DCB Decachlorobiphenyl (Surr) (2C)	*49*		*37 - 147*	*06/24/26 05:51*	*06/25/26 22:57*	*5*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0010	U	0.0010	0.00033	mg/Kg	☼	06/23/26 05:15	06/24/26 17:24	1
PCB-1221 (1C)	0.0010	U	0.0010	0.00036	mg/Kg	☼	06/23/26 05:15	06/24/26 17:24	1
PCB-1232 (1C)	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/23/26 05:15	06/24/26 17:24	1
PCB-1242 (1C)	0.0010	U	0.0010	0.00015	mg/Kg	☼	06/23/26 05:15	06/24/26 17:24	1
PCB-1248 (1C)	**0.0032**		0.0010	0.00024	mg/Kg	☼	06/23/26 05:15	06/24/26 17:24	1
PCB-1254 (1C)	0.0010	U	0.0010	0.00030	mg/Kg	☼	06/23/26 05:15	06/24/26 17:24	1
PCB-1260 (2C)	**0.0024**		0.0010	0.00029	mg/Kg	☼	06/23/26 05:15	06/24/26 17:24	1

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Lab Sample ID: 630-138167-21

Date Collected: 06/16/26 12:16
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*143*	*S1+*	*24 - 125*	*06/23/26 05:15*	*06/24/26 17:24*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*78*	*p*	*24 - 125*	*06/23/26 05:15*	*06/24/26 17:24*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*46*		*41 - 105*	*06/23/26 05:15*	*06/24/26 17:24*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*59*		*41 - 105*	*06/23/26 05:15*	*06/24/26 17:24*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	**0.0056**		0.0010	0.00036	mg/Kg			06/24/26 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM22 2540G)	**59.1**		0.1	0.1	%			06/23/26 10:03	1
Percent Solids (SM22 2540G)	**40.9**		0.1	0.1	%			06/23/26 10:03	1
Cyanide, Total (SW846 EPA 9014)	0.44	U	0.44	0.33	mg/Kg	☼	06/23/26 13:35	06/24/26 14:26	1

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Lab Sample ID: 630-138167-22

Date Collected: 06/16/26 12:16
Matrix: Solid
Date Received: 06/16/26 09:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (SM 2540G-2011)	**58**		0.10	0.10	%			06/22/26 10:54	1
Total Solids (SM 2540G-2011)	**42**		0.10	0.10	%			06/22/26 10:54	1
Percent Solids (SM 2540G-2011)	**42**		0.10	0.10	%			06/22/26 10:54	1
Cr (III) (SW846 7196A)	**55**		0.011	0.0035	mg/Kg	☼		06/17/26 06:27	1
Percent Moisture (EPA Moisture)	**58.4**		1.0	1.0	%			06/17/26 08:23	1
Percent Solids (EPA Moisture)	**41.6**		1.0	1.0	%			06/17/26 08:23	1

Method: ASTM D422 - Grain Size

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
50 mm (Sieve Size 2 inch)	**100.0**				% Finer			06/26/26 20:33	1
37.5 mm (Sieve Size 1.5 inch)	**100.0**				% Finer			06/26/26 20:33	1
25 mm (Sieve Size 1 inch)	**100.0**				% Finer			06/26/26 20:33	1
9.5 mm (Sieve Size 0.375 inch)	**100.0**				% Finer			06/26/26 20:33	1
19 mm (Sieve Size 0.75 inch)	**100.0**				% Finer			06/26/26 20:33	1
4.75 mm (Sieve Size #4)	**100.0**				% Finer			06/26/26 20:33	1
2 mm (Sieve Size #10)	**100.0**				% Finer			06/26/26 20:33	1
0.85 mm (Sieve Size #20)	**98.1**				% Finer			06/26/26 20:33	1
0.425 mm (Sieve Size #40)	**96.5**				% Finer			06/26/26 20:33	1
0.25 mm (Sieve Size #60)	**94.9**				% Finer			06/26/26 20:33	1
0.18 mm (Sieve Size #80)	**93.1**				% Finer			06/26/26 20:33	1
0.15 mm (Sieve Size #100)	**92.1**				% Finer			06/26/26 20:33	1
0.075 mm (Sieve Size #200)	**88.6**				% Finer			06/26/26 20:33	1
36.1 um (Hydrometer Reading 1)	**43.4**				% Finer			06/26/26 20:33	1
22.9 um (Hydrometer Reading 2)	**38.1**				% Finer			06/26/26 20:33	1
13.4 um (Hydrometer Reading 3)	**24.8**				% Finer			06/26/26 20:33	1
9.8 um (Hydrometer Reading 4)	**19.5**				% Finer			06/26/26 20:33	1
6.7 um (Hydrometer Reading 5)	**19.5**				% Finer			06/26/26 20:33	1
3.3 um (Hydrometer Reading 6)	**12.9**				% Finer			06/26/26 20:33	1

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Lab Sample ID: 630-138167-22
Date Collected: 06/16/26 12:16
Matrix: Solid
Date Received: 06/16/26 09:49

Method: ASTM D422 - Grain Size (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1.4 um (Hydrometer Reading 7)	11.5				% Finer			06/26/26 20:33	1
Clay	19.5				%			06/26/26 20:33	1
Gravel	0.0				%			06/26/26 20:33	1
Coarse Sand	0.0				%			06/26/26 20:33	1
Fine Sand	7.9				%			06/26/26 20:33	1
Medium Sand	3.5				%			06/26/26 20:33	1
Sand	11.4				%			06/26/26 20:33	1
Silt	69.1				%			06/26/26 20:33	1

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Lab Sample ID: 630-138167-22
Date Collected: 06/16/26 12:16
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 41.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20000		46	23	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Arsenic	17		0.92	0.31	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Barium	49		0.92	0.50	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Beryllium	0.81		0.23	0.055	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Cadmium	0.63		0.23	0.092	mg/Kg	☼	06/29/26 09:31	06/30/26 12:48	2
Calcium	9800		92	45	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Chromium	55		0.92	0.88	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Cobalt	9.0		0.46	0.18	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Copper	23		0.92	0.42	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Iron	29000		46	24	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Silver	0.37		0.23	0.094	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Potassium	4900		92	37	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Magnesium	9100		23	11	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Manganese	360		2.3	1.6	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Sodium	16000		120	55	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Nickel	25		0.92	0.44	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Lead	31		0.46	0.20	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Antimony	0.46	U	0.46	0.18	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Selenium	0.70	J	0.92	0.23	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Thallium	0.19	J	0.23	0.091	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Vanadium	62		1.8	0.46	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2
Zinc	140		69	9.2	mg/Kg	☼	06/29/26 09:31	06/29/26 21:09	2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.14	0.045	mg/Kg	☼	07/01/26 12:40	07/01/26 18:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	19	U	19	17	mg/Kg	☼	06/29/26 21:22	06/30/26 12:02	20

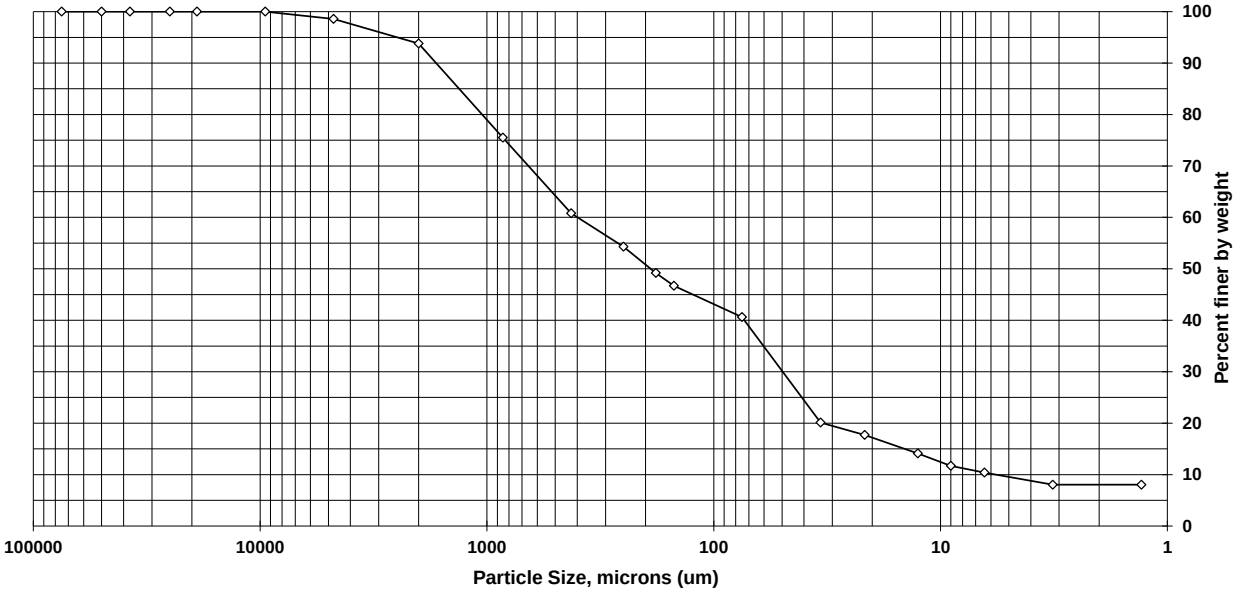
Particle Size of Soils by ASTM D422

Sample ID: C-4 DISCRETE
Lab ID: 630-138167-A-8

Percent Solids: 49.8%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):
Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	98.6	1.4
#10	2000	93.8	4.8
#20	850	75.5	18.3
#40	425	60.8	14.7
#60	250	54.3	6.5
#80	180	49.2	5.1
#100	150	46.7	2.5
#200	75	40.6	6.1
Hyd1	33.8	20.1	20.5
Hyd2	21.6	17.7	2.4
Hyd3	12.6	14.1	3.6
Hyd4	9	11.7	2.4
Hyd5	6.4	10.4	1.3
Hyd6	3.2	8.0	2.4
Hyd7	1.3	8.0	0.0

Soil Classification	Percent of sample
Gravel	1.4
Sand	58.0
Coarse Sand	4.8
Medium Sand	33.0
Fine Sand	20.2
Silt	30.2
Clay	10.4

Particle Size of Soils by ASTM D422

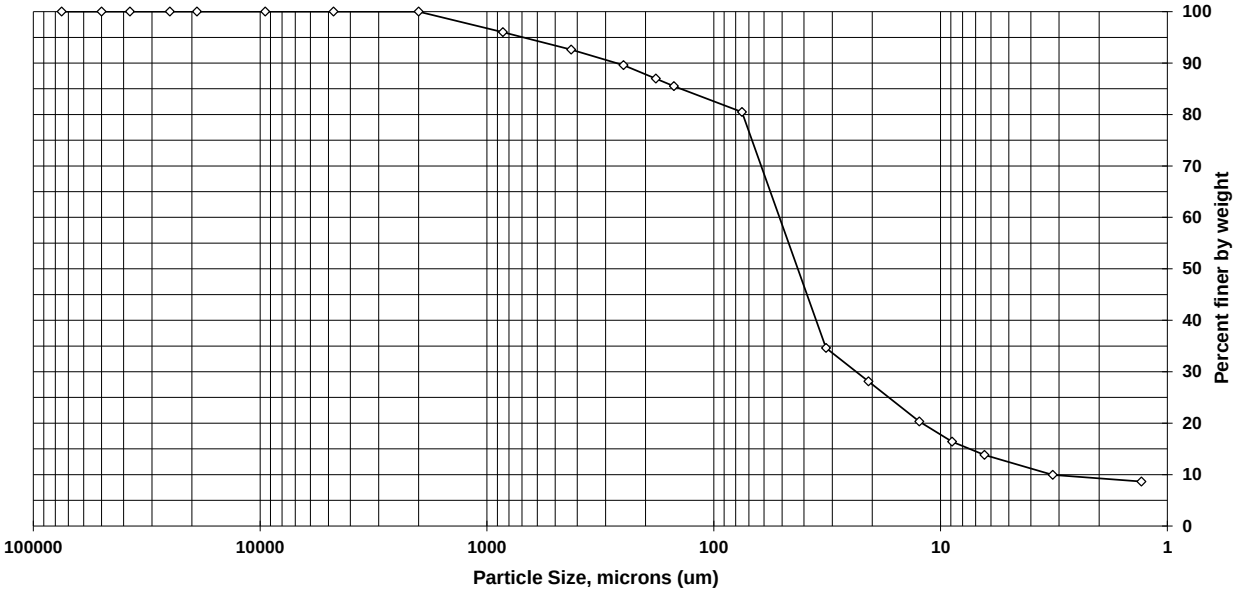
Sample ID: SC-1 COMPOSITE (C1+C
Lab ID: 630-138167-A-18

Percent Solids: 42.6%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):

Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	96.0	4.0
#40	425	92.6	3.4
#60	250	89.6	3.0
#80	180	87.0	2.6
#100	150	85.5	1.5
#200	75	80.5	5.0
Hyd1	32	34.6	45.9
Hyd2	20.8	28.1	6.5
Hyd3	12.4	20.3	7.8
Hyd4	8.9	16.4	3.9
Hyd5	6.4	13.8	2.6
Hyd6	3.2	10.0	3.8
Hyd7	1.3	8.7	1.3

Soil Classification	Percent of sample
Gravel	0.0
Sand	19.5
Coarse Sand	0.0
Medium Sand	7.4
Fine Sand	12.1
Silt	66.7
Clay	13.8

Particle Size of Soils by ASTM D422

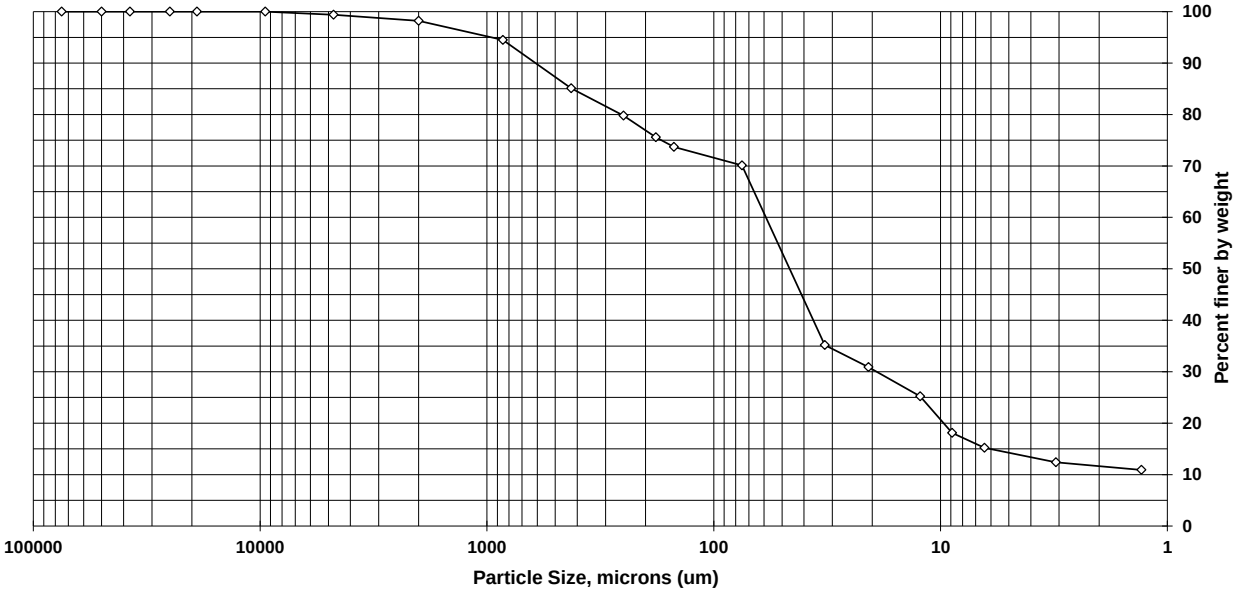
Sample ID: SC-2 COMPOSITE (C3+C
Lab ID: 630-138167-A-20

Percent Solids: 44.8%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):

Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	99.4	0.6
#10	2000	98.2	1.2
#20	850	94.5	3.7
#40	425	85.1	9.4
#60	250	79.8	5.3
#80	180	75.6	4.2
#100	150	73.7	1.9
#200	75	70.1	3.6
Hyd1	32.4	35.2	34.9
Hyd2	20.8	30.9	4.3
Hyd3	12.3	25.2	5.7
Hyd4	8.9	18.1	7.1
Hyd5	6.4	15.2	2.9
Hyd6	3.1	12.4	2.8
Hyd7	1.3	10.9	1.5

Soil Classification	Percent of sample
Gravel	0.6
Sand	29.3
Coarse Sand	1.2
Medium Sand	13.1
Fine Sand	15.0
Silt	54.9
Clay	15.2

Particle Size of Soils by ASTM D422

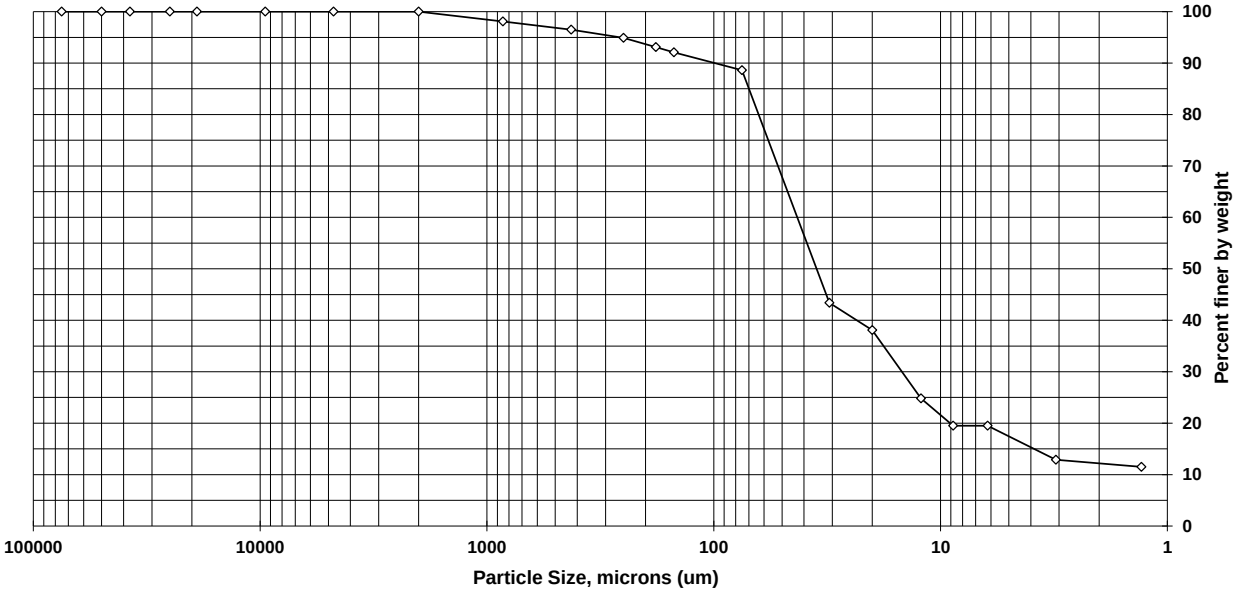
Sample ID: SC-3 COMPOSITE (C5+C
Lab ID: 630-138167-A-22

Percent Solids: 41.6%
Specific Gravity: 2.650

Date Received: 6/16/2026
Start Date: 6/26/2026
End Date: 7/2/2026

Shape (> #10):

Non-soil material:
Hardness (> #10):



Sieve size	Particle size, um	Percent finer	Incremental percent
3 inch	75000	100.0	0.0
2 inch	50000	100.0	0.0
1.5 inch	37500	100.0	0.0
1 inch	25000	100.0	0.0
3/4 inch	19000	100.0	0.0
3/8 inch	9500	100.0	0.0
#4	4750	100.0	0.0
#10	2000	100.0	0.0
#20	850	98.1	1.9
#40	425	96.5	1.6
#60	250	94.9	1.6
#80	180	93.1	1.8
#100	150	92.1	1.0
#200	75	88.6	3.5
Hyd1	30.9	43.4	45.2
Hyd2	20	38.1	5.3
Hyd3	12.2	24.8	13.3
Hyd4	8.8	19.5	5.3
Hyd5	6.2	19.5	0.0
Hyd6	3.1	12.9	6.6
Hyd7	1.3	11.5	1.4

Soil Classification	Percent of sample
Gravel	0.0
Sand	11.4
Coarse Sand	0.0
Medium Sand	3.5
Fine Sand	7.9
Silt	69.1
Clay	19.5

Sediment Grain Size - D422

Client	
Client Sample ID	C-4 DISCRETE
Lab Sample ID	630-138167-A-8

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:22

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.56	g
% Moisture	50.20	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	
Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:22

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	133.71	133.71
Sample Weight (Oven Dried)			66.6

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			4.08
Sample <#10			62.5
% Passing #10			46.7

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750	487.42	488.32	0.90	g	98.6	Gravel	
#10	2000	462.30	465.48	3.18	g	93.8	Sand	Coarse
#20	850	388.10	400.32	12.22	g	75.5	Sand	Medium
#40	425	365.10	374.90	9.80	g	60.8	Sand	Medium
#60	250	347.12	351.48	4.36	g	54.3	Sand	Fine
#80	180	320.08	323.48	3.40	g	49.2	Sand	Fine
#100	150	328.38	330.02	1.64	g	46.7	Sand	Fine
#200	75	324.47	328.50	4.03	g	40.6	Sand	Fine
				0.00	g	40.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	66.6

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0130	22.0	33.8	20.1	Silt	
5	5	1.0120	22.0	21.6	17.7	Silt	
15	15	1.0105	22.0	12.6	14.1	Silt	
30	30	1.0095	22.0	9	11.7	Silt	
60	60	1.0090	22.0	6.4	10.4	Silt	
250	250	1.0080	22.0	3.2	8.04	Clay	
1440	1440	1.0080	22.0	1.3	8.04	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	SC-1 COMPOSITE (C1+C
Lab Sample ID	630-138167-A-18

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:44

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.16	g
% Moisture	57.40	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	
Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:44

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	145.41	145.41
Sample Weight (Oven Dried)			61.9

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			61.9
% Passing #10			42.6

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	490.15	490.15	0.00	g	100.0	Sand	Coarse
#20	850	388.10	390.60	2.50	g	96.0	Sand	Medium
#40	425	365.10	367.20	2.10	g	92.6	Sand	Medium
#60	250	347.12	348.97	1.85	g	89.6	Sand	Fine
#80	180	320.08	321.69	1.61	g	87.0	Sand	Fine
#100	150	328.38	329.33	0.95	g	85.5	Sand	Fine
#200	75	324.47	327.59	3.12	g	80.5	Sand	Fine
				0.00	g	80.5		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	61.9

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0180	22.0	32	34.6	Silt	
5	5	1.0155	22.0	20.8	28.1	Silt	
15	15	1.0125	22.0	12.4	20.3	Silt	
30	30	1.0110	22.0	8.9	16.4	Silt	
60	60	1.0100	22.0	6.4	13.8	Silt	
250	250	1.0085	22.0	3.2	9.95	Clay	
1440	1440	1.0080	22.0	1.3	8.65	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	SC-2 COMPOSITE (C3+C
Lab Sample ID	630-138167-A-20

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:47

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.28	g
% Moisture	55.20	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	

Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:41

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	125.69	125.69
Sample Weight (Oven Dried)			56.3

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			1.01
Sample <#10			55.3
% Passing #10			44

Hydrometer Data

Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750	487.42	487.77	0.35	g	99.4	Gravel	
#10	2000	462.30	462.96	0.66	g	98.2	Sand	Coarse
#20	850	388.10	390.16	2.06	g	94.5	Sand	Medium
#40	425	365.10	370.38	5.28	g	85.1	Sand	Medium
#60	250	347.12	350.11	2.99	g	79.8	Sand	Fine
#80	180	320.08	322.47	2.39	g	75.6	Sand	Fine
#100	150	328.38	329.45	1.07	g	73.7	Sand	Fine
#200	75	324.47	326.51	2.04	g	70.1	Sand	Fine
				0.00	g	70.1		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	56.3

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0170	22.0	32.4	35.2	Silt	
5	5	1.0155	22.0	20.8	30.9	Silt	
15	15	1.0135	22.0	12.3	25.2	Silt	
30	30	1.0110	22.0	8.9	18.1	Silt	
60	60	1.0100	22.0	6.4	15.2	Silt	
250	250	1.0090	22.0	3.1	12.4	Clay	
1440	1440	1.0085	22.0	1.3	10.9	Clay	

Sediment Grain Size - D422

Client	
Client Sample ID	SC-3 COMPOSITE (C5+C
Lab Sample ID	630-138167-A-22

Date Received	6/16/2026
Start Date	06/26/2026 20:33
End Date	07/02/2026 14:50

Dry Weight Determination

Tin Weight	0.80	g
Wet Sample + Tin	6.34	g
Dry Sample + Tin	3.10	g
% Moisture	58.40	%

Non-soil material:	
Shape (> #10):	
Hardness (> #10):	
Date/Time in oven	06/30/2026 12:00
Date/Time out of oven	07/02/2026 14:40

Sample Weights	Tare (g)	Pan+Samp (g)	Samp (g)
Sample Weight (Wet)	0.00	145.27	145.27
Sample Weight (Oven Dried)			60.4

Sample Split (oven dried)	Tare (g)	Pan+Samp (g)	Samp (g)
Sample >=#10			0
Sample <#10			60.4
% Passing #10			41.6

Hydrometer Data	
Serial Number	747874
Calib. Date (mm/dd/yyyy)	02/23/2026
Low Temp (C)	17.0
Reading at Low Temp	1.0055
High Temp (C)	23.0
Reading at High Temp	1.0045
Hydrometer Cal Slope	-0.000166667
Hydrometer Cal Intercept	1.008333333
Default Soil Gravity	2.6500

Gravel/Sand Fraction (Sieves)

Sample Fraction	Size (um)	Pan Tare (g)	Pan+Sample (g)	Sample		% Finer	Classification	Sub Class
3 inch	75000			0.00	g	100.0	Gravel	
2 inch	50000			0.00	g	100.0	Gravel	
1.5 inch	37500			0.00	g	100.0	Gravel	
1 inch	25000			0.00	g	100.0	Gravel	
3/4 inch	19000			0.00	g	100.0	Gravel	
3/8 inch	9500			0.00	g	100.0	Gravel	
#4	4750			0.00	g	100.0	Gravel	
#10	2000	490.15	490.15	0.00	g	100.0	Sand	Coarse
#20	850	388.10	389.24	1.14	g	98.1	Sand	Medium
#40	425	365.10	366.09	0.99	g	96.5	Sand	Medium
#60	250	347.12	348.06	0.94	g	94.9	Sand	Fine
#80	180	320.08	321.14	1.06	g	93.1	Sand	Fine
#100	150	328.38	328.99	0.61	g	92.1	Sand	Fine
#200	75	324.47	326.56	2.09	g	88.6	Sand	Fine
				0.00	g	88.6		

Adjusted Hydrometer Sample Mass

Hydrometer Sample Mass (g)	60.4

Silt/Clay Fraction (Hydrometer Test)

Hydrometer Test Time (min)	Actual	Spec. Gravity	Temp C	Particle Size (Micron)	% Finer	Classification	Sub Class
2	2	1.0210	22.0	30.9	43.4	Silt	
5	5	1.0190	22.0	20	38.1	Silt	
15	15	1.0140	22.0	12.2	24.8	Silt	
30	30	1.0120	22.0	8.8	19.5	Silt	
60	60	1.0120	22.0	6.2	19.5	Silt	
250	250	1.0095	22.0	3.1	12.9	Clay	
1440	1440	1.0090	22.0	1.3	11.5	Clay	

Surrogate Summary

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Matrix: Sediment **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(30-105)	(25-105)	(20-119)	(27-105)	(29-105)	(29-105)
630-138167-7	C-4 DISCRETE	64	69	73	66	65	60
630-138167-17	SC-1 COMPOSITE (C1+C2)	63	69	73	63	65	59
630-138167-19	SC-2 COMPOSITE (C3+C7)	58	65	65	61	61	54
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	58	62	65	59	61	55
LCS 180-515283/2-A	Lab Control Sample	70	82	79	73	76	68
MB 180-515283/1-A	Method Blank	86	91	101	95	86	89

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Matrix: Sediment **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(18-145)	(18-145)	(37-147)	(37-147)
630-138167-7	C-4 DISCRETE	55	52	55	73
630-138167-17	SC-1 COMPOSITE (C1+C2)	58	53	62	66
630-138167-19	SC-2 COMPOSITE (C3+C7)	56	49	71	75
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	51	45	50	49
LCS 180-515277/2-A	Lab Control Sample	83	88	86	79
MB 180-515277/1-A	Method Blank	86	90	84	84

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Sediment **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(24-125)	(24-125)	(41-105)	(41-105)
630-138167-7	C-4 DISCRETE	77	64	39 S1-	49
630-138167-17	SC-1 COMPOSITE (C1+C2)	75	67	45	59
630-138167-19	SC-2 COMPOSITE (C3+C7)	86	63	44	55
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	143 S1+	78 p	46	59
LCS 180-515275/2-A	Lab Control Sample	69	73	51	71
MB 180-515275/1-A	Method Blank	71	73	54	71

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-515283/1-A
Matrix: Sediment
Analysis Batch: 515382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.017	U	0.017	0.0061	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
1,2-Dichlorobenzene	0.017	U	0.017	0.0053	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
1,2,4,5-Tetrachlorobenzene	0.017	U	0.017	0.0066	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
1,3-Dichlorobenzene	0.017	U	0.017	0.0055	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
1,4-Dichlorobenzene	0.017	U	0.017	0.0061	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
1,4-Dioxane	0.033	U	0.033	0.010	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
1,2-Diphenylhydrazine(as Azobenzene)	0.017	U	0.017	0.0074	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
1,2,4-Trichlorobenzene	0.017	U	0.017	0.0051	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2-Chloronaphthalene	0.0034	U	0.0034	0.00077	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2-Chlorophenol	0.017	U	0.017	0.0061	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,3,4,6-Tetrachlorophenol	0.017	U	0.017	0.0070	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,4-Dichlorophenol	0.0034	U	0.0034	0.0013	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,4-Dimethylphenol	0.017	U	0.017	0.0056	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,4-Dinitrophenol	0.17	U	0.17	0.10	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,4-Dinitrotoluene	0.017	U	0.017	0.0099	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,6-Dinitrotoluene	0.017	U	0.017	0.0065	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2-Methylnaphthalene	0.0034	U	0.0034	0.00080	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2-Methylphenol	0.017	U	0.017	0.0048	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Methylphenol, 3 & 4	0.017	U	0.017	0.0049	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2-Nitroaniline	0.085	U	0.085	0.0076	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
3-Nitroaniline	0.085	U	0.085	0.0042	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
4-Nitroaniline	0.085	U	0.085	0.0062	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2-Nitrophenol	0.017	U	0.017	0.0061	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
4-Nitrophenol	0.085	U	0.085	0.012	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,2'-oxybis[1-chloropropane]	0.0034	U	0.0034	0.0012	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,4,5-Trichlorophenol	0.017	U	0.017	0.0058	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
2,4,6-Trichlorophenol	0.017	U	0.017	0.0055	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
4-Chloro-3-methylphenol	0.017	U	0.017	0.0059	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
4-Chlorophenyl phenyl ether	0.017	U	0.017	0.0055	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
4,6-Dinitro-2-methylphenol	0.085	U	0.085	0.029	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Cresols, Total	0.033	U	0.033	0.0095	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Acenaphthene	0.0034	U	0.0034	0.00096	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Acenaphthylene	0.0034	U	0.0034	0.00073	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Acetophenone	0.034	U	0.034	0.0059	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Aniline	0.017	U	0.017	0.0043	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Anthracene	0.0034	U	0.0034	0.00087	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Atrazine	0.034	U	0.034	0.0073	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzaldehyde	0.034	U	0.034	0.0021	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzidine	0.34	U	0.34	0.13	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzo[a]anthracene	0.0034	U	0.0034	0.0015	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzo[b]fluoranthene	0.0034	U	0.0034	0.00082	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzo[k]fluoranthene	0.0034	U	0.0034	0.0010	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzoic acid	0.085	U	0.085	0.037	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzo[g,h,i]perylene	0.0034	U	0.0034	0.00072	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzo[a]pyrene	0.0034	U	0.0034	0.0014	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Bis(2-chloroethoxy)methane	0.017	U	0.017	0.0061	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Bis(2-chloroethyl)ether	0.0034	U	0.0034	0.0010	mg/Kg		06/24/26 05:24	06/24/26 09:51	1

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-515283/1-A
Matrix: Sediment
Analysis Batch: 515382

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	0.17	U	0.17	0.018	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
4-Bromophenyl phenyl ether	0.017	U	0.017	0.0071	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Butyl benzyl phthalate	0.084	U	0.084	0.012	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Caprolactam	0.085	U	0.085	0.011	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Carbazole	0.0034	U	0.0034	0.00078	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
4-Chloroaniline	0.017	U	0.017	0.0044	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Chrysene	0.0034	U	0.0034	0.0019	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Dibenz(a,h)anthracene	0.0034	U	0.0034	0.0021	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Dibenzofuran	0.017	U	0.017	0.0061	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Di-n-butyl phthalate	0.17	U	0.17	0.035	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Di-n-octyl phthalate	0.017	U	0.017	0.0097	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Diethyl phthalate	0.017	U	0.017	0.0059	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Dimethyl phthalate	0.034	U	0.034	0.019	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Fluoranthene	0.0034	U	0.0034	0.00088	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Fluorene	0.0034	U	0.0034	0.00066	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Hexachlorobenzene	0.0034	U	0.0034	0.0012	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Hexachlorobutadiene	0.0034	U	0.0034	0.00098	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Hexachlorocyclopentadiene	0.017	U	0.017	0.0045	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Hexachloroethane	0.017	U	0.017	0.0059	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Indeno[1,2,3-cd]pyrene	0.0034	U	0.0034	0.0017	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Isophorone	0.017	U	0.017	0.0062	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Naphthalene	0.0034	U	0.0034	0.00065	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Nitrobenzene	0.033	U	0.033	0.0061	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
N-Nitrosodimethylamine	0.017	U	0.017	0.0063	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
N-Nitrosodiphenylamine	0.017	U	0.017	0.0056	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
N-Nitrosodi-n-propylamine	0.0034	U	0.0034	0.0011	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Pentachlorophenol	0.085	U	0.085	0.027	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Phenanthrene	0.0034	U	0.0034	0.00090	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Phenol	0.017	U	0.017	0.0051	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Pyrene	0.0034	U	0.0034	0.0012	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Pyridine	0.034	U	0.034	0.0090	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
Benzyl alcohol	0.084	U	0.084	0.023	mg/Kg		06/24/26 05:24	06/24/26 09:51	1
3,3'-Dichlorobenzidine	0.017	U	0.017	0.016	mg/Kg		06/24/26 05:24	06/24/26 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*30 - 105*	*06/24/26 05:24*	*06/24/26 09:51*	*1*
2-Fluorophenol (Surr)	*91*		*25 - 105*	*06/24/26 05:24*	*06/24/26 09:51*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*20 - 119*	*06/24/26 05:24*	*06/24/26 09:51*	*1*
Nitrobenzene-d5 (Surr)	*95*		*27 - 105*	*06/24/26 05:24*	*06/24/26 09:51*	*1*
Phenol-d5 (Surr)	*86*		*29 - 105*	*06/24/26 05:24*	*06/24/26 09:51*	*1*
Terphenyl-d14 (Surr)	*89*		*29 - 105*	*06/24/26 05:24*	*06/24/26 09:51*	*1*

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515283/2-A
Matrix: Sediment
Analysis Batch: 515382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.333	0.232		mg/Kg		70	50 - 100
1,2-Dichlorobenzene	0.333	0.241		mg/Kg		72	41 - 100
1,2,4,5-Tetrachlorobenzene	0.333	0.231		mg/Kg		69	40 - 103
1,3-Dichlorobenzene	0.333	0.234		mg/Kg		70	41 - 100
1,4-Dichlorobenzene	0.333	0.236		mg/Kg		71	41 - 100
1,4-Dioxane	0.333	0.245		mg/Kg		74	10 - 133
1,2-Diphenylhydrazine(as Azobenzene)	0.333	0.229		mg/Kg		69	39 - 111
1,2,4-Trichlorobenzene	0.333	0.223		mg/Kg		67	44 - 100
2-Chloronaphthalene	0.333	0.232		mg/Kg		70	47 - 100
2-Chlorophenol	0.333	0.251		mg/Kg		75	52 - 100
2,3,4,6-Tetrachlorophenol	0.333	0.222		mg/Kg		67	43 - 107
2,4-Dichlorophenol	0.333	0.226		mg/Kg		68	54 - 101
2,4-Dimethylphenol	0.333	0.231		mg/Kg		69	50 - 103
2,4-Dinitrophenol	0.667	0.427		mg/Kg		64	37 - 112
2,4-Dinitrotoluene	0.333	0.260		mg/Kg		78	52 - 101
2,6-Dinitrotoluene	0.333	0.243		mg/Kg		73	48 - 100
2-Methylnaphthalene	0.333	0.215		mg/Kg		65	51 - 100
2-Methylphenol	0.333	0.242		mg/Kg		73	48 - 101
Methylphenol, 3 & 4	0.333	0.246		mg/Kg		74	50 - 100
2-Nitroaniline	0.333	0.260		mg/Kg		78	43 - 106
3-Nitroaniline	0.333	0.238		mg/Kg		72	50 - 100
4-Nitroaniline	0.333	0.238		mg/Kg		72	47 - 102
2-Nitrophenol	0.333	0.247		mg/Kg		74	56 - 100
4-Nitrophenol	0.667	0.498		mg/Kg		75	33 - 121
2,2'-oxybis[1-chloropropane]	0.333	0.233		mg/Kg		70	30 - 101
2,4,5-Trichlorophenol	0.333	0.239		mg/Kg		72	54 - 100
2,4,6-Trichlorophenol	0.333	0.238		mg/Kg		71	52 - 100
4-Chloro-3-methylphenol	0.333	0.233		mg/Kg		70	47 - 108
4-Chlorophenyl phenyl ether	0.333	0.229		mg/Kg		69	50 - 100
4,6-Dinitro-2-methylphenol	0.667	0.510		mg/Kg		76	51 - 100
Cresols, Total	0.667	0.489		mg/Kg		73	43 - 102
Acenaphthene	0.333	0.225		mg/Kg		67	49 - 100
Acenaphthylene	0.333	0.222		mg/Kg		67	49 - 100
Acetophenone	0.333	0.246		mg/Kg		74	49 - 100
Aniline	0.333	0.242		mg/Kg		73	36 - 100
Anthracene	0.333	0.226		mg/Kg		68	47 - 100
Atrazine	0.333	0.253		mg/Kg		76	46 - 102
Benzaldehyde	0.333	0.256		mg/Kg		77	15 - 108
Benzidine	0.333	0.236	J	mg/Kg		71	10 - 100
Benzo[a]anthracene	0.333	0.216		mg/Kg		65	47 - 100
Benzo[b]fluoranthene	0.333	0.218		mg/Kg		65	44 - 100
Benzo[k]fluoranthene	0.333	0.210		mg/Kg		63	43 - 100
Benzoic acid	0.333	0.215		mg/Kg		65	22 - 123
Benzo[g,h,i]perylene	0.333	0.219		mg/Kg		66	45 - 103
Benzo[a]pyrene	0.333	0.215		mg/Kg		64	45 - 101
Bis(2-chloroethoxy)methane	0.333	0.196		mg/Kg		59	41 - 100
Bis(2-chloroethyl)ether	0.333	0.258		mg/Kg		77	43 - 101

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515283/2-A
Client Sample ID: Lab Control Sample
Matrix: Sediment
Prep Type: Total/NA
Analysis Batch: 515382
Prep Batch: 515283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	0.333	0.223		mg/Kg		67	40 - 109
4-Bromophenyl phenyl ether	0.333	0.240		mg/Kg		72	49 - 100
Butyl benzyl phthalate	0.333	0.219		mg/Kg		66	41 - 110
Caprolactam	0.333	0.222		mg/Kg		67	35 - 123
Carbazole	0.333	0.231		mg/Kg		69	46 - 100
4-Chloroaniline	0.333	0.226		mg/Kg		68	48 - 100
Chrysene	0.333	0.206		mg/Kg		62	44 - 100
Dibenz(a,h)anthracene	0.333	0.246		mg/Kg		74	50 - 100
Dibenzofuran	0.333	0.225		mg/Kg		68	47 - 100
Di-n-butyl phthalate	0.333	0.239		mg/Kg		72	50 - 100
Di-n-octyl phthalate	0.333	0.223		mg/Kg		67	20 - 126
Diethyl phthalate	0.333	0.236		mg/Kg		71	45 - 100
Dimethyl phthalate	0.333	0.232		mg/Kg		70	46 - 101
Fluoranthene	0.333	0.226		mg/Kg		68	49 - 102
Fluorene	0.333	0.225		mg/Kg		67	46 - 100
Hexachlorobenzene	0.333	0.240		mg/Kg		72	45 - 101
Hexachlorobutadiene	0.333	0.230		mg/Kg		69	49 - 100
Hexachlorocyclopentadiene	0.333	0.174		mg/Kg		52	23 - 107
Hexachloroethane	0.333	0.243		mg/Kg		73	46 - 100
Indeno[1,2,3-cd]pyrene	0.333	0.241		mg/Kg		72	48 - 100
Isophorone	0.333	0.229		mg/Kg		69	46 - 100
Naphthalene	0.333	0.217		mg/Kg		65	50 - 100
Nitrobenzene	0.333	0.234		mg/Kg		70	48 - 100
N-Nitrosodimethylamine	0.333	0.287		mg/Kg		86	29 - 121
N-Nitrosodiphenylamine	0.333	0.239		mg/Kg		72	46 - 100
N-Nitrosodi-n-propylamine	0.333	0.261		mg/Kg		78	45 - 100
Pentachlorophenol	0.667	0.370		mg/Kg		55	42 - 100
Phenanthrene	0.333	0.227		mg/Kg		68	46 - 100
Phenol	0.333	0.236		mg/Kg		71	46 - 103
Pyrene	0.333	0.208		mg/Kg		62	44 - 102
Pyridine	0.667	0.529		mg/Kg		79	25 - 109
Benzyl alcohol	0.333	0.254		mg/Kg		76	40 - 104
3,3'-Dichlorobenzidine	0.333	0.257		mg/Kg		77	51 - 101

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*70*		*30 - 105*
2-Fluorophenol (Surr)	*82*		*25 - 105*
2,4,6-Tribromophenol (Surr)	*79*		*20 - 119*
Nitrobenzene-d5 (Surr)	*73*		*27 - 105*
Phenol-d5 (Surr)	*76*		*29 - 105*
Terphenyl-d14 (Surr)	*68*		*29 - 105*

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Lab Sample ID: MB 180-515277/1-A
Matrix: Sediment
Analysis Batch: 515427

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.000042	U	0.000042	0.000013	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
alpha-BHC (1C)	0.000042	U	0.000042	0.000010	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
beta-BHC (1C)	0.000042	U	0.000042	0.000011	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
delta-BHC (1C)	0.000042	U	0.000042	0.000013	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
gamma-BHC (Lindane) (1C)	0.000042	U	0.000042	0.000011	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
cis-Chlordane (1C)	0.000042	U	0.000042	0.000010	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
trans-Chlordane (1C)	0.000042	U	0.000042	0.0000097	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Chlordane (technical) (1C)	0.00042	U	0.00042	0.00018	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
4,4'-DDD (1C)	0.000042	U	0.000042	0.0000088	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
4,4'-DDE (1C)	0.000042	U	0.000042	0.0000085	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
4,4'-DDT (1C)	0.000042	U	0.000042	0.000030	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Dieldrin (1C)	0.000042	U	0.000042	0.000010	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Endosulfan I (1C)	0.000042	U	0.000042	0.000011	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Endosulfan II (1C)	0.000042	U	0.000042	0.0000092	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Endosulfan sulfate (1C)	0.000042	U	0.000042	0.000019	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Endrin (1C)	0.000042	U	0.000042	0.0000078	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Endrin aldehyde (1C)	0.000042	U	0.000042	0.000015	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Endrin ketone (1C)	0.000042	U	0.000042	0.000017	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Heptachlor (1C)	0.000042	U	0.000042	0.000013	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Heptachlor epoxide (1C)	0.000042	U	0.000042	0.000011	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Methoxychlor (1C)	0.000042	U	0.000042	0.000016	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Mirex (1C)	0.000042	U	0.000042	0.000030	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Toxaphene (1C)	0.0017	U	0.0017	0.0011	mg/Kg		06/24/26 05:51	06/25/26 14:47	1
Endosulfan, Total (1C)	0.000083	U	0.000083	0.000021	mg/Kg		06/24/26 05:51	06/25/26 14:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*86*		*18 - 145*	*06/24/26 05:51*	*06/25/26 14:47*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*90*		*18 - 145*	*06/24/26 05:51*	*06/25/26 14:47*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*84*		*37 - 147*	*06/24/26 05:51*	*06/25/26 14:47*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*84*		*37 - 147*	*06/24/26 05:51*	*06/25/26 14:47*	*1*

Lab Sample ID: LCS 180-515277/2-A
Matrix: Sediment
Analysis Batch: 515427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin (2C)	0.000833	0.000684		mg/Kg		82	47 - 123
alpha-BHC (2C)	0.000833	0.000710		mg/Kg		85	47 - 120
beta-BHC (1C)	0.000833	0.000736		mg/Kg		88	49 - 122
delta-BHC (1C)	0.000833	0.000580		mg/Kg		70	14 - 131
gamma-BHC (Lindane) (2C)	0.000833	0.000740		mg/Kg		89	53 - 120
cis-Chlordane (2C)	0.000833	0.000650		mg/Kg		78	48 - 121
trans-Chlordane (2C)	0.000833	0.000686		mg/Kg		82	45 - 131
4,4'-DDD (2C)	0.000833	0.000717	p	mg/Kg		86	47 - 133
4,4'-DDE (1C)	0.000833	0.000909		mg/Kg		109	55 - 121
4,4'-DDT (1C)	0.000833	0.000716		mg/Kg		86	33 - 133
Dieldrin (1C)	0.000833	0.000797		mg/Kg		96	50 - 127

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 180-515277/2-A
Matrix: Sediment
Analysis Batch: 515427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan I (2C)	0.000833	0.000661		mg/Kg		79	46 - 128
Endosulfan II (1C)	0.000833	0.000838		mg/Kg		101	48 - 125
Endosulfan sulfate (1C)	0.000833	0.000736		mg/Kg		88	27 - 126
Endrin (1C)	0.000833	0.000839		mg/Kg		101	57 - 138
Endrin aldehyde (1C)	0.000833	0.000561		mg/Kg		67	15 - 150
Endrin ketone (1C)	0.000833	0.000810		mg/Kg		97	46 - 128
Heptachlor (2C)	0.000833	0.000658		mg/Kg		79	45 - 123
Heptachlor epoxide (1C)	0.000833	0.000680		mg/Kg		82	54 - 124
Methoxychlor (1C)	0.000833	0.000772		mg/Kg		93	31 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr) (1C)	*83*		*18 - 145*
Tetrachloro-m-xylene (Surr) (2C)	*88*		*18 - 145*
DCB Decachlorobiphenyl (Surr) (1C)	*86*		*37 - 147*
DCB Decachlorobiphenyl (Surr) (2C)	*79*		*37 - 147*

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-515275/1-A
Matrix: Sediment
Analysis Batch: 515371

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515275

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.00042	U	0.00042	0.00014	mg/Kg		06/23/26 05:15	06/24/26 10:12	1
PCB-1221 (1C)	0.00042	U	0.00042	0.00015	mg/Kg		06/23/26 05:15	06/24/26 10:12	1
PCB-1232 (1C)	0.00042	U	0.00042	0.00010	mg/Kg		06/23/26 05:15	06/24/26 10:12	1
PCB-1242 (1C)	0.00042	U	0.00042	0.000061	mg/Kg		06/23/26 05:15	06/24/26 10:12	1
PCB-1248 (1C)	0.00042	U	0.00042	0.00010	mg/Kg		06/23/26 05:15	06/24/26 10:12	1
PCB-1254 (1C)	0.00042	U	0.00042	0.00013	mg/Kg		06/23/26 05:15	06/24/26 10:12	1
PCB-1260 (1C)	0.00042	U	0.00042	0.00012	mg/Kg		06/23/26 05:15	06/24/26 10:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*71*		*24 - 125*	*06/23/26 05:15*	*06/24/26 10:12*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*73*		*24 - 125*	*06/23/26 05:15*	*06/24/26 10:12*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*54*		*41 - 105*	*06/23/26 05:15*	*06/24/26 10:12*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*71*		*41 - 105*	*06/23/26 05:15*	*06/24/26 10:12*	*1*

Lab Sample ID: LCS 180-515275/2-A
Matrix: Sediment
Analysis Batch: 515371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515275

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016 (1C)	0.0333	0.0141	p	mg/Kg		42	39 - 126
PCB-1260 (1C)	0.0333	0.0263		mg/Kg		79	36 - 122

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCS 180-515275/2-A
Matrix: Sediment
Analysis Batch: 515371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515275

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	69		24 - 125
DCB Decachlorobiphenyl (Surr) (2C)	73		24 - 125
Tetrachloro-m-xylene (Surr) (1C)	51		41 - 105
Tetrachloro-m-xylene (Surr) (2C)	71		41 - 105

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-837652/1-A
Matrix: Solid
Analysis Batch: 842140

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 837652

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20	U	20	9.9	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Arsenic	0.40	U	0.40	0.13	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Barium	0.40	U	0.40	0.22	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Beryllium	0.10	U	0.10	0.024	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Cadmium	0.10	U	0.10	0.040	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Calcium	40	U	40	20	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Chromium	0.40	U	0.40	0.38	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Cobalt	0.20	U	0.20	0.080	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Copper	0.353	J	0.40	0.18	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Iron	20	U	20	10	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Silver	0.10	U	0.10	0.041	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Potassium	40	U	40	16	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Magnesium	10	U	10	4.9	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Manganese	1.0	U	1.0	0.69	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Sodium	50	U	50	24	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Nickel	0.40	U	0.40	0.19	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Lead	0.20	U	0.20	0.086	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Antimony	0.20	U	0.20	0.080	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Selenium	0.40	U	0.40	0.10	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Thallium	0.10	U	0.10	0.039	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Vanadium	0.80	U	0.80	0.20	mg/Kg		06/25/26 09:24	06/25/26 18:50	2
Zinc	30	U	30	4.0	mg/Kg		06/25/26 09:24	06/25/26 18:50	2

Lab Sample ID: LCS 410-837652/2-A
Matrix: Solid
Analysis Batch: 842140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	515		mg/Kg		103	82 - 119
Arsenic	50.0	51.0		mg/Kg		102	84 - 114
Barium	50.0	52.5		mg/Kg		105	85 - 118
Beryllium	5.00	5.18		mg/Kg		104	74 - 120
Cadmium	5.00	5.27		mg/Kg		105	85 - 117

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

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

Lab Sample ID: LCS 410-837652/2-A
Matrix: Solid
Analysis Batch: 842140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 837652

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	500	516		mg/Kg		103	81 - 119
Chromium	50.0	52.4		mg/Kg		105	83 - 116
Cobalt	50.0	52.8		mg/Kg		106	83 - 115
Copper	50.0	51.9		mg/Kg		104	83 - 115
Iron	500	513		mg/Kg		103	84 - 118
Silver	5.00	5.67		mg/Kg		113	87 - 119
Potassium	500	513		mg/Kg		103	83 - 118
Magnesium	500	524		mg/Kg		105	82 - 119
Manganese	50.0	51.7		mg/Kg		103	84 - 116
Sodium	500	526		mg/Kg		105	81 - 120
Nickel	50.0	52.8		mg/Kg		106	84 - 116
Lead	5.00	5.35		mg/Kg		107	85 - 119
Antimony	10.0	10.3		mg/Kg		103	83 - 117
Selenium	10.0	10.3		mg/Kg		103	83 - 115
Thallium	10.0	11.0		mg/Kg		110	86 - 116
Vanadium	50.0	52.3		mg/Kg		105	83 - 115
Zinc	50.0	50.5		mg/Kg		101	84 - 116

Lab Sample ID: MB 410-841978/1-A
Matrix: Solid
Analysis Batch: 843836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 841978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20	U	20	9.9	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Arsenic	0.40	U	0.40	0.13	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Barium	0.40	U	0.40	0.22	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Beryllium	0.10	U	0.10	0.024	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Cadmium	0.10	U	0.10	0.040	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Calcium	40	U	40	20	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Chromium	0.40	U	0.40	0.38	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Cobalt	0.20	U	0.20	0.080	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Copper	0.40	U	0.40	0.18	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Iron	20	U	20	10	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Silver	0.10	U	0.10	0.041	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Potassium	40	U	40	16	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Magnesium	10	U	10	4.9	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Manganese	1.0	U	1.0	0.69	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Sodium	50	U	50	24	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Nickel	0.40	U	0.40	0.19	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Lead	0.20	U	0.20	0.086	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Antimony	0.20	U	0.20	0.080	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Selenium	0.40	U	0.40	0.10	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Thallium	0.10	U	0.10	0.039	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Vanadium	0.80	U	0.80	0.20	mg/Kg		06/29/26 09:31	06/29/26 20:13	2
Zinc	30	U	30	4.0	mg/Kg		06/29/26 09:31	06/29/26 20:13	2

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

Lab Sample ID: LCS 410-841978/2-A
Matrix: Solid
Analysis Batch: 843836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 841978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	500	494		mg/Kg		99	82 - 119
Arsenic	50.0	48.0		mg/Kg		96	84 - 114
Barium	50.0	49.2		mg/Kg		98	85 - 118
Beryllium	5.00	5.03		mg/Kg		101	74 - 120
Cadmium	5.00	4.87		mg/Kg		97	85 - 117
Calcium	500	544		mg/Kg		109	81 - 119
Chromium	50.0	47.6		mg/Kg		95	83 - 116
Cobalt	50.0	48.4		mg/Kg		97	83 - 115
Copper	50.0	48.7		mg/Kg		97	83 - 115
Iron	500	480		mg/Kg		96	84 - 118
Silver	5.00	5.12		mg/Kg		102	87 - 119
Potassium	500	475		mg/Kg		95	83 - 118
Magnesium	500	516		mg/Kg		103	82 - 119
Manganese	50.0	47.1		mg/Kg		94	84 - 116
Sodium	500	517		mg/Kg		103	81 - 120
Nickel	50.0	48.4		mg/Kg		97	84 - 116
Lead	5.00	5.13		mg/Kg		103	85 - 119
Antimony	10.0	10.1		mg/Kg		101	83 - 117
Selenium	10.0	9.73		mg/Kg		97	83 - 115
Thallium	10.0	9.92		mg/Kg		99	86 - 116
Vanadium	50.0	47.5		mg/Kg		95	83 - 115
Zinc	50.0	48.0		mg/Kg		96	84 - 116

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 410-844638/1-A
Matrix: Solid
Analysis Batch: 845296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 844638

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.060	U	0.060	0.020	mg/Kg		07/01/26 12:40	07/01/26 17:43	1

Lab Sample ID: LCS 410-844638/2-A
Matrix: Solid
Analysis Batch: 845296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 844638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.164		mg/Kg		99	80 - 120

Method: 2540G-2011 - Total, Fixed, and Volatile Solids

Lab Sample ID: 630-138167-22 DU
Matrix: Solid
Analysis Batch: 839296

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	58		58.7		%		0.5	5
Total Solids	42		41.3		%		0.7	5
Percent Solids	42		41.3		%		0.7	5

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-841283/1-A
Matrix: Solid
Analysis Batch: 842068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 841283

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.42	U	0.42	0.37	mg/Kg		06/24/26 20:31	06/25/26 19:51	1

Lab Sample ID: LCS 410-841283/2-A
Matrix: Solid
Analysis Batch: 842068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 841283

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.95		mg/Kg		99	80 - 120

Lab Sample ID: LCSI 410-841283/3-A
Matrix: Solid
Analysis Batch: 842068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 841283

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	926	882		mg/Kg		95	80 - 120

Lab Sample ID: MB 410-843801/1-A
Matrix: Solid
Analysis Batch: 844189

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 843801

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.42	U	0.42	0.37	mg/Kg		06/29/26 21:22	06/30/26 12:00	1

Lab Sample ID: LCS 410-843801/2-A
Matrix: Solid
Analysis Batch: 844189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 843801

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.55		mg/Kg		91	80 - 120

Lab Sample ID: LCSI 410-843801/3-A
Matrix: Solid
Analysis Batch: 844189

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 843801

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	727	642		mg/Kg		88	80 - 120

Method: EPA 9014 - Cyanide

Lab Sample ID: MB 180-515349/4-A
Matrix: Sediment
Analysis Batch: 515408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515349

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.20	U	0.20	0.15	mg/Kg		06/23/26 13:35	06/24/26 14:20	1

Method: EPA 9014 - Cyanide (Continued)

Lab Sample ID: HLCS 180-515349/2-A
Matrix: Sediment
Analysis Batch: 515408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515349

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.250	0.230		mg/Kg		92	90 - 110

Lab Sample ID: LCS 180-515349/3-A
Matrix: Sediment
Analysis Batch: 515408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	20.0	26.6		mg/Kg		133	25 - 150

Lab Sample ID: LLCS 180-515349/1-A
Matrix: Sediment
Analysis Batch: 515408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515349

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0500	0.0493		mg/Kg		99	90 - 110

Lab Sample ID: 630-138167-7 MS
Matrix: Sediment
Analysis Batch: 515408

Client Sample ID: C-4 DISCRETE
Prep Type: Total/NA
Prep Batch: 515349

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.42	U F2 F1 * +	7.11	0.403	F1	mg/Kg	☼	6	75 - 125

Lab Sample ID: 630-138167-7 MSD
Matrix: Sediment
Analysis Batch: 515408

Client Sample ID: C-4 DISCRETE
Prep Type: Total/NA
Prep Batch: 515349

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.42	U F2 F1 * +	9.20	5.61	F2 F1	mg/Kg	☼	61	75 - 125	173	20

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC)

Lab Sample ID: MB 180-515414/4
Matrix: Sediment
Analysis Batch: 515414

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1000	U	1000	970	mg/Kg			06/24/26 09:01	1

Lab Sample ID: LCS 180-515414/5
Matrix: Sediment
Analysis Batch: 515414

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	40000	40200		mg/Kg		100	75 - 125

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Method: EPA-Lloyd Kahn - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCSD 180-515414/6
Client Sample ID: Lab Control Sample Dup
Matrix: Sediment
Prep Type: Total/NA
Analysis Batch: 515414

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon			40000	39500		mg/Kg		99	75 - 125	2	20

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

GC/MS Semi VOA

Prep Batch: 515283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	3541	
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	3541	
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	3541	
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	3541	
MB 180-515283/1-A	Method Blank	Total/NA	Sediment	3541	
LCS 180-515283/2-A	Lab Control Sample	Total/NA	Sediment	3541	

Analysis Batch: 515382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	EPA 8270E LL	515283
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	EPA 8270E LL	515283
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	EPA 8270E LL	515283
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	EPA 8270E LL	515283
MB 180-515283/1-A	Method Blank	Total/NA	Sediment	EPA 8270E LL	515283
LCS 180-515283/2-A	Lab Control Sample	Total/NA	Sediment	EPA 8270E LL	515283

GC Semi VOA

Prep Batch: 515275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	3541	
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	3541	
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	3541	
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	3541	
MB 180-515275/1-A	Method Blank	Total/NA	Sediment	3541	
LCS 180-515275/2-A	Lab Control Sample	Total/NA	Sediment	3541	

Prep Batch: 515277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	3541	
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	3541	
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	3541	
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	3541	
MB 180-515277/1-A	Method Blank	Total/NA	Sediment	3541	
LCS 180-515277/2-A	Lab Control Sample	Total/NA	Sediment	3541	

Analysis Batch: 515371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	EPA 8082A	515275
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	EPA 8082A	515275
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	EPA 8082A	515275
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	EPA 8082A	515275
MB 180-515275/1-A	Method Blank	Total/NA	Sediment	EPA 8082A	515275
LCS 180-515275/2-A	Lab Control Sample	Total/NA	Sediment	EPA 8082A	515275

Analysis Batch: 515427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	EPA 8081B LL	515277
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	EPA 8081B LL	515277
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	EPA 8081B LL	515277

GC Semi VOA (Continued)

Analysis Batch: 515427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	EPA 8081B LL	515277
MB 180-515277/1-A	Method Blank	Total/NA	Sediment	EPA 8081B LL	515277
LCS 180-515277/2-A	Lab Control Sample	Total/NA	Sediment	EPA 8081B LL	515277

Analysis Batch: 515454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	PCB	
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	PCB	
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	PCB	
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	PCB	

Metals

Prep Batch: 837652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	3050B	
MB 410-837652/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-837652/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 841978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	3050B	
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	3050B	
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	3050B	
MB 410-841978/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 410-841978/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 842140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	6020B	837652
MB 410-837652/1-A	Method Blank	Total/NA	Solid	6020B	837652
LCS 410-837652/2-A	Lab Control Sample	Total/NA	Solid	6020B	837652

Analysis Batch: 843836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	6020B	841978
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	6020B	841978
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	6020B	841978
MB 410-841978/1-A	Method Blank	Total/NA	Solid	6020B	841978
LCS 410-841978/2-A	Lab Control Sample	Total/NA	Solid	6020B	841978

Analysis Batch: 844243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	6020B	841978

Prep Batch: 844638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	7471B	
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	7471B	
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 844638 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	7471B	
MB 410-844638/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 410-844638/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 845296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	7471B	844638
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	7471B	844638
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	7471B	844638
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	7471B	844638
MB 410-844638/1-A	Method Blank	Total/NA	Solid	7471B	844638
LCS 410-844638/2-A	Lab Control Sample	Total/NA	Solid	7471B	844638

General Chemistry

Analysis Batch: 515327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	2540G	
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	2540G	
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	2540G	
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	2540G	

Prep Batch: 515349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	9010C	
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	9010C	
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	9010C	
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	9010C	
MB 180-515349/4-A	Method Blank	Total/NA	Sediment	9010C	
HLCS 180-515349/2-A	Lab Control Sample	Total/NA	Sediment	9010C	
LCS 180-515349/3-A	Lab Control Sample	Total/NA	Sediment	9010C	
LLCS 180-515349/1-A	Lab Control Sample	Total/NA	Sediment	9010C	
630-138167-7 MS	C-4 DISCRETE	Total/NA	Sediment	9010C	
630-138167-7 MSD	C-4 DISCRETE	Total/NA	Sediment	9010C	

Analysis Batch: 515408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	EPA 9014	515349
630-138167-17	SC-1 COMPOSITE (C1+C2)	Total/NA	Sediment	EPA 9014	515349
630-138167-19	SC-2 COMPOSITE (C3+C7)	Total/NA	Sediment	EPA 9014	515349
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Sediment	EPA 9014	515349
MB 180-515349/4-A	Method Blank	Total/NA	Sediment	EPA 9014	515349
HLCS 180-515349/2-A	Lab Control Sample	Total/NA	Sediment	EPA 9014	515349
LCS 180-515349/3-A	Lab Control Sample	Total/NA	Sediment	EPA 9014	515349
LLCS 180-515349/1-A	Lab Control Sample	Total/NA	Sediment	EPA 9014	515349
630-138167-7 MS	C-4 DISCRETE	Total/NA	Sediment	EPA 9014	515349
630-138167-7 MSD	C-4 DISCRETE	Total/NA	Sediment	EPA 9014	515349

General Chemistry

Analysis Batch: 515414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-7	C-4 DISCRETE	Total/NA	Sediment	EPA-Lloyd Kahn	
MB 180-515414/4	Method Blank	Total/NA	Sediment	EPA-Lloyd Kahn	
LCS 180-515414/5	Lab Control Sample	Total/NA	Sediment	EPA-Lloyd Kahn	
LCSD 180-515414/6	Lab Control Sample Dup	Total/NA	Sediment	EPA-Lloyd Kahn	

Analysis Batch: 836586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	7196A	
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	7196A	
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	7196A	
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	7196A	

Analysis Batch: 836736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	2540G-2011	

Analysis Batch: 836862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	Moisture	
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	Moisture	
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	Moisture	
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	Moisture	

Analysis Batch: 839296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	2540G-2011	
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	2540G-2011	
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	2540G-2011	
LCS 410-839296/2	Lab Control Sample	Total/NA	Solid	2540G-2011	
630-138167-22 DU	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	2540G-2011	

Prep Batch: 841283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	3060A	
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	3060A	
MB 410-841283/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-841283/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-841283/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 842068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	7196A	841283
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	7196A	841283
MB 410-841283/1-A	Method Blank	Total/NA	Solid	7196A	841283
LCS 410-841283/2-A	Lab Control Sample	Total/NA	Solid	7196A	841283
LCSI 410-841283/3-A	Lab Control Sample	Total/NA	Solid	7196A	841283

Prep Batch: 843801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 843801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	3060A	
MB 410-843801/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-843801/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-843801/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 844189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	7196A	843801
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	7196A	843801
MB 410-843801/1-A	Method Blank	Total/NA	Solid	7196A	843801
LCS 410-843801/2-A	Lab Control Sample	Total/NA	Solid	7196A	843801
LCSI 410-843801/3-A	Lab Control Sample	Total/NA	Solid	7196A	843801

Geotechnical

Analysis Batch: 845776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-8	C-4 DISCRETE	Total/NA	Solid	D422	
630-138167-18	SC-1 COMPOSITE (C1+C2)	Total/NA	Solid	D422	
630-138167-20	SC-2 COMPOSITE (C3+C7)	Total/NA	Solid	D422	
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Total/NA	Solid	D422	

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-7
Date Collected: 06/10/26 12:34
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	PCB		1	515454	SAB	EET PIT	06/24/26 16:28
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-7
Date Collected: 06/10/26 12:34
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 51.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			515283	MKK	EET PIT	06/24/26 05:24
Total/NA	Analysis	EPA 8270E LL		1	515382	VVP	EET PIT	06/24/26 19:24
Total/NA	Prep	3541			515277	MKK	EET PIT	06/24/26 05:51
Total/NA	Analysis	EPA 8081B LL		5	515427	JMO	EET PIT	06/25/26 22:02
Total/NA	Prep	3541			515275	MKK	EET PIT	06/23/26 05:15
Total/NA	Analysis	EPA 8082A		1	515371	JMO	EET PIT	06/24/26 16:28
Total/NA	Prep	9010C			515349	RAO	EET PIT	06/23/26 13:35
Total/NA	Analysis	EPA 9014		1	515408	RAO	EET PIT	06/24/26 14:22
Total/NA	Analysis	EPA-Lloyd Kahn		1	515414	LWM	EET PIT	06/24/26 14:56

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-8
Date Collected: 06/10/26 12:34
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	836736	M98K	ELLE	06/17/26 21:58 - 06/17/26 23:27 [1]
Total/NA	Analysis	7196A		1	836586	USJM	ELLE	06/17/26 06:27
Total/NA	Analysis	Moisture		1	836862	E5GC	ELLE	06/17/26 08:23
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: C-4 DISCRETE
Lab Sample ID: 630-138167-8
Date Collected: 06/10/26 12:34
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 49.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			837652	RFN5	ELLE	06/25/26 09:24
Total/NA	Analysis	6020B		2	842140	LHF4	ELLE	06/25/26 19:52
Total/NA	Prep	7471B			844638	VT6A	ELLE	07/01/26 12:40
Total/NA	Analysis	7471B		1	845296	LHF4	ELLE	07/01/26 18:21
Total/NA	Prep	3060A			841283	UDS7	ELLE	06/24/26 20:31
Total/NA	Analysis	7196A		5	842068	UDS7	ELLE	06/25/26 19:51

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-17
Date Collected: 06/16/26 11:10
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	PCB		1	515454	SAB	EET PIT	06/24/26 16:46
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-17
Date Collected: 06/16/26 11:10
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 41.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			515283	MKK	EET PIT	06/24/26 05:24
Total/NA	Analysis	EPA 8270E LL		1	515382	VVP	EET PIT	06/24/26 19:45
Total/NA	Prep	3541			515277	MKK	EET PIT	06/24/26 05:51
Total/NA	Analysis	EPA 8081B LL		5	515427	JMO	EET PIT	06/25/26 22:21
Total/NA	Prep	3541			515275	MKK	EET PIT	06/23/26 05:15
Total/NA	Analysis	EPA 8082A		1	515371	JMO	EET PIT	06/24/26 16:46
Total/NA	Prep	9010C			515349	RAO	EET PIT	06/23/26 13:35
Total/NA	Analysis	EPA 9014		1	515408	RAO	EET PIT	06/24/26 14:25

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18
Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	839296	M98K	ELLE	06/22/26 10:54 - 06/23/26 11:15 [1]
Total/NA	Analysis	7196A		1	836586	USJM	ELLE	06/17/26 06:27
Total/NA	Analysis	Moisture		1	836862	E5GC	ELLE	06/17/26 08:23
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: SC-1 COMPOSITE (C1+C2)
Lab Sample ID: 630-138167-18
Date Collected: 06/16/26 11:10
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 42.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			841978	RFN5	ELLE	06/29/26 09:31
Total/NA	Analysis	6020B		2	843836	LHF4	ELLE	06/29/26 21:05
Total/NA	Prep	7471B			844638	VT6A	ELLE	07/01/26 12:40
Total/NA	Analysis	7471B		1	845296	LHF4	ELLE	07/01/26 18:15
Total/NA	Prep	3060A			841283	UDS7	ELLE	06/24/26 20:31
Total/NA	Analysis	7196A		10	842068	UDS7	ELLE	06/25/26 19:51

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-19
Date Collected: 06/16/26 11:48
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	PCB		1	515454	SAB	EET PIT	06/24/26 17:05
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-19
Date Collected: 06/16/26 11:48
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 45.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			515283	MKK	EET PIT	06/24/26 05:24
Total/NA	Analysis	EPA 8270E LL		1	515382	VVP	EET PIT	06/24/26 20:07
Total/NA	Prep	3541			515277	MKK	EET PIT	06/24/26 05:51
Total/NA	Analysis	EPA 8081B LL		5	515427	JMO	EET PIT	06/25/26 22:39
Total/NA	Prep	3541			515275	MKK	EET PIT	06/23/26 05:15
Total/NA	Analysis	EPA 8082A		1	515371	JMO	EET PIT	06/24/26 17:05
Total/NA	Prep	9010C			515349	RAO	EET PIT	06/23/26 13:35
Total/NA	Analysis	EPA 9014		1	515408	RAO	EET PIT	06/24/26 14:25

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20
Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	839296	M98K	ELLE	06/22/26 10:54 - 06/23/26 11:15 [1]
Total/NA	Analysis	7196A		1	836586	USJM	ELLE	06/17/26 06:27
Total/NA	Analysis	Moisture		1	836862	E5GC	ELLE	06/17/26 08:23
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: SC-2 COMPOSITE (C3+C7)
Lab Sample ID: 630-138167-20
Date Collected: 06/16/26 11:48
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 44.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			841978	RFN5	ELLE	06/29/26 09:31
Total/NA	Analysis	6020B		2	843836	LHF4	ELLE	06/29/26 21:07
Total/NA	Prep	7471B			844638	VT6A	ELLE	07/01/26 12:40
Total/NA	Analysis	7471B		1	845296	LHF4	ELLE	07/01/26 18:17
Total/NA	Prep	3060A			843801	UDS7	ELLE	06/29/26 21:22
Total/NA	Analysis	7196A		20	844189	W2JF	ELLE	06/30/26 12:02

Lab Chronicle

Client: ST Hudson Engineers
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Job ID: 630-138167-2

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)

Lab Sample ID: 630-138167-21
Date Collected: 06/16/26 12:16
Matrix: Sediment
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	PCB		1	515454	SAB	EET PIT	06/24/26 17:24
Total/NA	Analysis	2540G		1	515327	RSR	EET PIT	06/23/26 10:03

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)

Lab Sample ID: 630-138167-21
Date Collected: 06/16/26 12:16
Matrix: Sediment
Date Received: 06/16/26 09:49
Percent Solids: 40.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			515283	MKK	EET PIT	06/24/26 05:24
Total/NA	Analysis	EPA 8270E LL		1	515382	VVP	EET PIT	06/24/26 20:29
Total/NA	Prep	3541			515277	MKK	EET PIT	06/24/26 05:51
Total/NA	Analysis	EPA 8081B LL		5	515427	JMO	EET PIT	06/25/26 22:57
Total/NA	Prep	3541			515275	MKK	EET PIT	06/23/26 05:15
Total/NA	Analysis	EPA 8082A		1	515371	JMO	EET PIT	06/24/26 17:24
Total/NA	Prep	9010C			515349	RAO	EET PIT	06/23/26 13:35
Total/NA	Analysis	EPA 9014		1	515408	RAO	EET PIT	06/24/26 14:26

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)

Lab Sample ID: 630-138167-22
Date Collected: 06/16/26 12:16
Matrix: Solid
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G-2011		1	839296	M98K	ELLE	06/22/26 10:54 - 06/23/26 11:15 [1]
Total/NA	Analysis	7196A		1	836586	USJM	ELLE	06/17/26 06:27
Total/NA	Analysis	Moisture		1	836862	E5GC	ELLE	06/17/26 08:23
Total/NA	Analysis	D422		1	845776	UYB0	ELLE	06/26/26 20:33

Client Sample ID: SC-3 COMPOSITE (C5+C6+C8)

Lab Sample ID: 630-138167-22
Date Collected: 06/16/26 12:16
Matrix: Solid
Date Received: 06/16/26 09:49
Percent Solids: 41.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			841978	RFN5	ELLE	06/29/26 09:31
Total/NA	Analysis	6020B		2	844243	F7JF	ELLE	06/30/26 12:48
Total/NA	Prep	3050B			841978	RFN5	ELLE	06/29/26 09:31
Total/NA	Analysis	6020B		2	843836	LHF4	ELLE	06/29/26 21:09
Total/NA	Prep	7471B			844638	VT6A	ELLE	07/01/26 12:40
Total/NA	Analysis	7471B		1	845296	LHF4	ELLE	07/01/26 18:19
Total/NA	Prep	3060A			843801	UDS7	ELLE	06/29/26 21:22
Total/NA	Analysis	7196A		20	844189	W2JF	ELLE	06/30/26 12:02

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, [redacted]

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, [redacted]

Accreditation/Certification Summary

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-27

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP PA011. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
2540G-2011		Solid	Percent Moisture
2540G-2011		Solid	Percent Solids
7196A		Solid	Cr (III)
D422		Solid	0.075 mm (Sieve Size #200)
D422		Solid	0.15 mm (Sieve Size #100)
D422		Solid	0.18 mm (Sieve Size #80)
D422		Solid	0.25 mm (Sieve Size #60)
D422		Solid	0.425 mm (Sieve Size #40)
D422		Solid	0.85 mm (Sieve Size #20)
D422		Solid	1.4 um (Hydrometer Reading 7)
D422		Solid	13.4 um (Hydrometer Reading 3)
D422		Solid	19 mm (Sieve Size 0.75 inch)
D422		Solid	2 mm (Sieve Size #10)
D422		Solid	22.9 um (Hydrometer Reading 2)
D422		Solid	25 mm (Sieve Size 1 inch)
D422		Solid	3.3 um (Hydrometer Reading 6)
D422		Solid	36.1 um (Hydrometer Reading 1)
D422		Solid	37.5 mm (Sieve Size 1.5 inch)
D422		Solid	4.75 mm (Sieve Size #4)
D422		Solid	50 mm (Sieve Size 2 inch)
D422		Solid	6.7 um (Hydrometer Reading 5)
D422		Solid	9.5 mm (Sieve Size 0.375 inch)
D422		Solid	9.8 um (Hydrometer Reading 4)
D422		Solid	Clay
D422		Solid	Coarse Sand
D422		Solid	Fine Sand
D422		Solid	Gravel
D422		Solid	Medium Sand
D422		Solid	Sand
D422		Solid	Silt
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA005	06-30-26

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP PA005. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
2540G		Sediment	Percent Moisture
2540G		Sediment	Percent Solids
EPA 8081B LL	3541	Sediment	Endosulfan, Total (1C)
EPA 8270E LL	3541	Sediment	3-Nitroaniline

Accreditation/Certification Summary

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Laboratory: Eurofins Pittsburgh (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP PA 005. This list may include analytes for which the agency does not offer certification:			

Analysis Method	Prep Method	Matrix	Analyte
EPA 8270E LL	3541	Sediment	Cresols, Total
PCB		Sediment	Polychlorinated biphenyls, Total

Method Summary

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Method	Method Description	Protocol	Laboratory
EPA 8270E LL	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8081B LL	Organochlorine Pesticides (GC)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
PCB	Total PCB Calculation	TAL SOP	EET PIT
6020B	Metals (ICP/MS)	SW846	ELLE
7471B	Mercury (CVAA)	SW846	ELLE
2540G	SM 2540G	SM22	EET PIT
2540G-2011	Total, Fixed, and Volatile Solids	SM	ELLE
7196A	Chromium, Hexavalent	SW846	ELLE
7196A	Chromium, Trivalent (Colorimetric)	SW846	ELLE
EPA 9014	Cyanide	SW846	EET PIT
EPA-Lloyd Kahn	Organic Carbon, Total (TOC)	EPA	EET PIT
Moisture	Percent Moisture	EPA	ELLE
D422	Grain Size	ASTM	ELLE
3050B	Preparation, Metals	SW846	ELLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3541	Automated Soxhlet Extraction (Low Level)	SW846	EET PIT
7471B	Preparation, Mercury	SW846	ELLE
9010C	Cyanide, Distillation	SW846	EET PIT

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SM22 = Standard Methods For The Examination Of Water And Wastewater, 22nd Edition
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, [redacted]
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601 [redacted]

Sample Summary

Client: ST Hudson Engineers
Job ID: 630-138167-2
Project/Site: DRBA Lewes Ferry Terminal - Composites, Discrete

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
630-138167-7	C-4 DISCRETE	Sediment	06/10/26 12:34	06/16/26 09:49	New Jersey
630-138167-8	C-4 DISCRETE	Solid	06/10/26 12:34	06/16/26 09:49	New Jersey
630-138167-17	SC-1 COMPOSITE (C1+C2)	Sediment	06/16/26 11:10	06/16/26 09:49	New Jersey
630-138167-18	SC-1 COMPOSITE (C1+C2)	Solid	06/16/26 11:10	06/16/26 09:49	New Jersey
630-138167-19	SC-2 COMPOSITE (C3+C7)	Sediment	06/16/26 11:48	06/16/26 09:49	New Jersey
630-138167-20	SC-2 COMPOSITE (C3+C7)	Solid	06/16/26 11:48	06/16/26 09:49	New Jersey
630-138167-21	SC-3 COMPOSITE (C5+C6+C8)	Sediment	06/16/26 12:16	06/16/26 09:49	New Jersey
630-138167-22	SC-3 COMPOSITE (C5+C6+C8)	Solid	06/16/26 12:16	06/16/26 09:49	New Jersey

630 10512

eurofins | Drinking Water and Wastewater Northeast, LLC

795 Horsham Road
Horsham, PA 19044

CHAIN OF CUSTODY

Page 1 of 1

Lab | LAB 630-138167 Chain of Custody

Bill to/Report to (if different)

Sampling Site Address (if different) Include State: DRBA LEWES FERRY TERMINAL

Client/Acct. No. / Address: 900 Ducley Ave

City/State/Zip: Cherry Hill, NJ, 08002

Phone/Fax

Client Contact: Clare Mueller

P.O. No. PWSID#:

Quote#

e-mail:

___ Ascorbic/HCL Vials # ___ HCl Vials
___ $Na_2S_2O_3$ ___
___ NaOH/Znacetate ___
2 HNO_3 250 pl
___ H_2SO_4 ___
2 NaOH 250 pl
___ Unpreserved 4-Amb Qt, 10-250 Amb
___ HCl # ___ NH_4Cl # ___ MeOH
___ DI Water

MATRIX CODES

N: DRINKING WATER
GW: GROUND WATER
WW: WASTEWATER
SO: SOIL
SL: SLUDGE
OIL: OIL
SOL: NON SOIL SOLID
MI: MISCELLANEOUS
X: OTHER

Field pH, Temp (°C), DO, C12, Cond, etc.

LAB USE ONLY

PROJECT / FIELD ID	Collection Date	Collection Military Time	GRAB	COMP	Matrix Code	Number of Containers Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	UNPRE	BACT	ANALYSIS REQUESTED
C-1	6/10	11:15													Grain Size, TOC, % Solids
C-2	6/10	11:52													
C-3		1:41													
C-4		12:34													
C-5		1:26													
C-6		10:56													
C-7		12:39													
C-8		1:13													
SW	6/10	3:00													8270, 8081, 8082, TAL Metals, CN
FB	6/11	8:41													

SAMPLED BY: (Name/Company) S.T. Hudson Eng Inc Clare Mueller

TAT: ☐ STANDARD (10 DAY) or DUE DATE ___/___/___

Report Format: ☐ Standard ☐ NJ-RDD ☐ SRP-RDD ☐ Standard + QC ☐ Forms ☐ EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By: Initials | Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, IE. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY / SAMPLER 1. Clare Mueller	DATE 6/11	TIME 845	RECEIVED BY 1.	DATE 6/11	TIME 0846	DELIVERY: ☐ EETP COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER ___
RELINQUISHED BY 2.	DATE 6/11	TIME 1723	RECEIVED BY 2.	DATE	TIME	Custody Seal Number
RELINQUISHED BY 3.	DATE	TIME	RECEIVED BY 3.	DATE	TIME	Rec'd Temp.: ___ Initials: ___ Ice Y / N Location: ___
RELINQUISHED BY 4.	DATE	TIME	RECEIVED BY 4.	DATE	TIME	COMMENTS:
RELINQUISHED BY 5.	DATE	TIME	RECEIVED BY 5.	DATE	TIME	Hazardous: yes / no

63010512

eurofins | Drinking Water and Wastewater Northeast, LLC

795 Horsham Road
Horsham, PA 19044
[redacted]

CHAIN OF CUSTODY

Page 2 of ___

Lab LIMS No: Loc: 630 **138167**

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

Client/Acct. No. ST HUDSON
Address
City/State/Zip
Phone/Fax
Client Contact:

DRBA LEWES FERRY TERMINAL

P.O. No. PWSID#:
Quote#
e-mail:

LAB USE ONLY:

___ Ascorbic/HCl Vials
___ $Na_2S_2O_3$
___ NaOH/Znacetate
___ HNO_3
___ H_2SO_4
___ NaOH
___ Unpreserved
___ HCl # ___ NH_4Cl # ___ MeOH
___ DI Water

MATRIX CODES: DW: DRINKING WATER; GW: GROUND WATER; WW: WASTEWATER; SO: SOIL; SL: SLUDGE; OIL: OIL; SOL: NON SOIL SOLID; MI: MISCELLANEOUS; X: OTHER

PROJECT Comps / Elutriates

LAB USE ONLY	FIELD ID	Collection Date	Collection Military Time	GRAB	COMP	Matrix Code	Number of Containers: Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	UNPRE	BACT	ANALYSIS REQUESTED	Field pH, Temp (°C), DO, C12, Cond, etc.
	SC-1 Composite (C1 + C2)	6/16/26	1110		✓											Grain Size, TOC, % Solids, 8270,	
	SC-2 Composite (C3 + C7)	6/16/26	1148		✓											8081, 8082, TAL Metals, CN,	
	SC-3 Composite (C5 + C6 + C8)	6/16/26	1216		✓											CeC, Ce3	
	C-4 - Discrete (see page)	6/10/26	1234	✓													
																Modified Elutriate - TOTAL + Dissolved:	
	SC-1 Composite - Elutriate	6/16/26	1110		✓												
	SC-2 Composite - Elutriate	6/16/26	1148		✓											8270, 8081, 8082, CN,	
	SC-3 Composite - Elutriate	6/16/26	1216		✓											TAL Metals, CeC, Ce3	
	C-4 Discrete - Elutriate	6/10/26	1234	✓													

SAMPLED BY: (Name/Company)

TAT : ☐ STANDARD (10 DAY) or DUE DATE ___/___/___

Report Format: ☐ Standard ☐ NJ-RDD ☐ SRP-RDD ☐ Standard + QC ☐ Forms ☐ EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By: Initials | Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, IE. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME
1.			1.		
RELINQUISHED BY 2.	DATE	TIME	RECEIVED BY 2.	DATE	TIME
RELINQUISHED BY 3.	DATE	TIME	RECEIVED BY 3.	DATE	TIME
RELINQUISHED BY 4.	DATE	TIME	RECEIVED BY 4.	DATE	TIME
RELINQUISHED BY 5.	DATE	TIME	RECEIVED BY 5.	DATE	TIME

DELIVERY: ☐ EETP COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER ___ Custody Seal Number

Rec'd Temp.: ___ Initials: ___ Ice Y / N Location: ___
COMMENTS:

Hazardous: yes / no

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 54.95 LB
CAD: 265788972/CAFE4004
DIMS: 24x16x14 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238
[redacted] REF:
PO: DEPT:

Uncorrected temp 5.6 °C
Thermometer ID 28
CF -0.3 Initials
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2669
THU - 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA
15238
PA-US PIT

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 40.00 LB
CAD: 265788972/CAFE4004
DIMS: 18x16x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238
[redacted] REF:
PO: DEPT:

PT-WI-SR-001 effective 7/26/13
Uncorrected temp 2.9 °C
Thermometer ID 28
CF -0.3 Initials
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2658
THU - 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA
15238
PA-US PIT

630-138167 Waybill



ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 59.20 LB
CAD: 265788972/CAFE4004
DIMS: 25x14x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

[redacted] REF:
PO: DEPT:

Uncorrected temp 21.1 °C
Thermometer ID 28
No Ice
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2680

THU – 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 56.45 LB
CAD: 265788972/CAFE4004
DIMS: 25x14x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

[redacted] REF:
INV: PO: DEPT:

Uncorrected temp 21.4 °C
Thermometer ID 28
No Ice
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2670

THU – 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/FIELD_FLTRDDissolved TAL Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE DISSOLVED (630-138167-31)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE DISSOLVED (630-138167-32)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE DISSOLVED (630-138167-33)	6/25/26	08:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE DISSOLVED (630-138167-34)	6/25/26	09:00 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		6/25/26 1300	ECLE		6/25/26 1410	ECLE
2		6/25/26 1946	ECLE		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 6/25/26 1946	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-3
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Elutriate - Total	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005ATAL Metals	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE TOTAL (630-138167-24)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE TOTAL (630-138167-26)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE TOTAL (630-138167-28)	6/25/26	07:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE TOTAL (630-138167-30)	6/25/26	07:30 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 6/25/26 1300	Company: EAL	Received by:	Date/Time: 6/25/26 1410	Company: EAL		
Relinquished by:	Date/Time: 6/25/26 1946	Company: EAL	Received by:	Date/Time:	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 6/25/26 1946	Company:		
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6				

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Sesolid, Owaste/oil, BTeTissue, AnAir)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Lloyd_Kahn_Lloyd Kahn TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X		X	
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	6/30/26 14:00	EATN	[signature]	6/30/26 1420	ELLE
2	[signature]	6/30/26 1850	ELLE			
3				[signature]	6/30/26 1850	ELLE

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☑ Yes ☐ No		3.0/3.5

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-2
Address: 2425 New Holland Pike,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Composites, Discrete	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422/Grain Size w/ Hydrometer	2540G/Moisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060A Chromium, Hexavalent	7196A_CR3/Chromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	6/30/26 14:00	EPHNE	[signature]	6/30/26 1420	ELLE
2	[signature]	6/30/26 1850	ELLE			
3				[signature]	6/30/26 1850	

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.0/3.5

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-2

Login Number: 138167

List Number: 1

Creator: Kurz, Chris

List Source: EurofinsPhiladelphia

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-2

Login Number: 138167
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/16/26 03:06 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-2

Login Number: 138167
List Number: 4
Creator: Williams, Peter

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/26/26 10:20 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-2

Login Number: 138167
List Number: 3
Creator: Rucker, Keenyn J

List Source: Eurofins Pittsburgh
List Creation: 06/18/26 01:15 PM

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Ferry
ST Hudson Engineers
900 Dudley Avenue
Cherry Hill, New Jersey 08002
Generated 7/9/2026 10:36:37 AM

JOB DESCRIPTION

DRBA Lewes Ferry Terminal - Elutriate - Total

JOB NUMBER

630-138167-3

EurofinsPhiladelphia
795 Horsham Road
Horsham PA 19044-0962

See page two for job notes and contact information.

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of TestAmerica and its client. All questions regarding this report should be directed to the TestAmerica Project Manager or designee who has signed this report.

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

Authorization



Generated
7/9/2026 10:36:37 AM

Authorized for release by
Erin Dougherty, Project Administrator
[redacted]

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 7
Client Sample Results 11
Surrogate Summary 26
QC Sample Results 28
QC Association Summary 40
Lab Chronicle 44
Certification Summary 46
Method Summary 47
Sample Summary 48
Chain of Custody 49
Receipt Checklists 57

Definitions/Glossary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 630-138167-3 EurofinsPhiladelphia

Job Narrative
630-138167-3

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 6/16/2026 9:49 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

GC/MS Semi VOA
Method EPA 8270E LL: The continuing calibration verification (CCV) analyzed in 180-515605 was outside the method criteria for the following analyte(s): Bis(2-chloroethyl)ether, Isophorone and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

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

Pesticides
Method EPA 8081B LL: The laboratory control sample duplicate (LCSD) for preparation batch 180-515476 and analytical batch 180-515650 recovered outside control limits for the following analytes: methoxychlor. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method EPA 8081B LL: The continuing calibration verification (CCV) associated with 180-515650 recovered low and outside the control limits for toxaphene on one column. Results are confirmed on both columns and hits were reported from the passing column. The associated sample is: (CCV 180-515650/2).

Method EPA 8081B LL: The continuing calibration verification (CCV) associated with batch 180-515650 recovered above the upper control limit for methoxychlor. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

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

General Chemistry
Method EPA 7196A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 180-515469 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Detection Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	6.8	J	10	2.1	ug/L	1		EPA 8270E LL	Total/NA
Butyl benzyl phthalate	1.5	J	2.0	0.94	ug/L	1		EPA 8270E LL	Total/NA
Caprolactam	2 9	J	5.0	0.68	ug/L	1		EPA 8270E LL	Total/NA
Di-n-butyl phthalate	1.2		1.0	0.38	ug/L	1		EPA 8270E LL	Total/NA
Diethyl phthalate	0.34	J	1.0	0.25	ug/L	1		EPA 8270E LL	Total/NA
alpha-BHC (1C)	0.0025		0.0013	0.00023	ug/L	1		EPA 8081B LL	Total/NA
Aluminum	890		25	12	ug/L	1		6020B	Total Recoverable
Antimony	1.1		1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	11		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	30		2.0	0.75	ug/L	1		6020B	Total Recoverable
Calcium	360000		100	50	ug/L	1		6020B	Total Recoverable
Chromium	1.9	J	2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	0.42	J	0.50	0.16	ug/L	1		6020B	Total Recoverable
Iron	1600		50	20	ug/L	1		6020B	Total Recoverable
Lead	1.3		0.50	0.12	ug/L	1		6020B	Total Recoverable
Magnesium	1200000		50	16	ug/L	1		6020B	Total Recoverable
Manganese	1500		2.0	1.2	ug/L	1		6020B	Total Recoverable
Nickel	1.6		1.0	0.40	ug/L	1		6020B	Total Recoverable
Potassium	410000		200	65	ug/L	1		6020B	Total Recoverable
Selenium	0.30	J	1.0	0.28	ug/L	1		6020B	Total Recoverable
Sodium	9800000		200	90	ug/L	1		6020B	Total Recoverable
Zinc	4.8	J	10	4.0	ug/L	1		6020B	Total Recoverable
Vanadium	5.8		4.0	0.79	ug/L	1		6020B	Total Recoverable

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	4.4	J	10	2.1	ug/L	1		EPA 8270E LL	Total/NA
Caprolactam	1.3	J	5.0	0.68	ug/L	1		EPA 8270E LL	Total/NA
Di-n-butyl phthalate	0.39	J	1.0	0.38	ug/L	1		EPA 8270E LL	Total/NA
alpha-BHC (2C)	0.0034		0.0013	0.00023	ug/L	1		EPA 8081B LL	Total/NA
4,4'-DDE (2C)	0.0010	J	0.0013	0.00069	ug/L	1		EPA 8081B LL	Total/NA
4,4'-DDT (2C)	0.0084	*+	0.0013	0.00066	ug/L	1		EPA 8081B LL	Total/NA
Aluminum	4900		25	12	ug/L	1		6020B	Total Recoverable
Antimony	2.1		1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	15		2.0	0.68	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL (Continued)
Lab Sample ID: 630-138167-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	43		2.0	0.75	ug/L	1		6020B	Total Recoverable
Beryllium	0.22	J	0.50	0.12	ug/L	1		6020B	Total Recoverable
Cadmium	0.22	J	0.50	0.15	ug/L	1		6020B	Total Recoverable
Calcium	380000		100	50	ug/L	1		6020B	Total Recoverable
Chromium	11		2 0	0 55	ug/L	1		6020B	Total Recoverable
Cobalt	1.7		0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	4.1		1.0	0.85	ug/L	1		6020B	Total Recoverable
Iron	6500		50	20	ug/L	1		6020B	Total Recoverable
Lead	8.5		0.50	0.12	ug/L	1		6020B	Total Recoverable
Magnesium	1200000		50	16	ug/L	1		6020B	Total Recoverable
Manganese	1400		2.0	1.2	ug/L	1		6020B	Total Recoverable
Nickel	4.9		1.0	0.40	ug/L	1		6020B	Total Recoverable
Potassium	410000		200	65	ug/L	1		6020B	Total Recoverable
Selenium	0.49	J	1.0	0.28	ug/L	1		6020B	Total Recoverable
Sodium	9900000		200	90	ug/L	1		6020B	Total Recoverable
Zinc	38		10	4.0	ug/L	1		6020B	Total Recoverable
Vanadium	24		4.0	0.79	ug/L	1		6020B	Total Recoverable
Cr (III)	11		10	3.2	ug/L	1		7196A	Total/NA

Client Sample ID: SC-3 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.070	J	0.19	0.065	ug/L	1		EPA 8270E LL	Total/NA
Bis(2-ethylhexyl) phthalate	4.2	J	10	2.1	ug/L	1		EPA 8270E LL	Total/NA
Butyl benzyl phthalate	1.5	J	2.0	0.94	ug/L	1		EPA 8270E LL	Total/NA
Caprolactam	3.2	J	5.0	0.68	ug/L	1		EPA 8270E LL	Total/NA
Di-n-butyl phthalate	1.5		1.0	0.38	ug/L	1		EPA 8270E LL	Total/NA
Diethyl phthalate	0.40	J	1.0	0.25	ug/L	1		EPA 8270E LL	Total/NA
Dimethyl phthalate	0.38	J	2.0	0.20	ug/L	1		EPA 8270E LL	Total/NA
alpha-BHC (1C)	0.0023		0.0012	0.00023	ug/L	1		EPA 8081B LL	Total/NA
Heptachlor (1C)	0.00055	J p	0.0012	0.00043	ug/L	1		EPA 8081B LL	Total/NA
PCB-1260 (2C)	0.059	B	0.0095	0.0037	ug/L	1		EPA 8082A	Total/NA
Polychlorinated biphenyls, Total	0.059		0.0095	0.0076	ug/L	1		PCB	Total/NA
Aluminum	960		25	12	ug/L	1		6020B	Total Recoverable
Antimony	1.4		1.0	0.20	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: SC-3 COMPOSITE ELUTRIATE TOTAL (Continued)
Lab Sample ID: 630-138167-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.4		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	24		2.0	0.75	ug/L	1		6020B	Total Recoverable
Calcium	320000		10000	5000	ug/L	100		6020B	Total Recoverable
Chromium	2.4		2.0	0.55	ug/L	1		6020B	Total Recoverable
Cobalt	0 47	J	0.50	0.16	ug/L	1		6020B	Total Recoverable
Copper	1.2		1.0	0.85	ug/L	1		6020B	Total Recoverable
Iron	1400		50	20	ug/L	1		6020B	Total Recoverable
Lead	1.8		0.50	0.12	ug/L	1		6020B	Total Recoverable
Magnesium	1000000		5000	1600	ug/L	100		6020B	Total Recoverable
Manganese	1000		2.0	1.2	ug/L	1		6020B	Total Recoverable
Nickel	1.6		1.0	0.40	ug/L	1		6020B	Total Recoverable
Potassium	340000		20000	6500	ug/L	100		6020B	Total Recoverable
Selenium	0.35	J	1.0	0.28	ug/L	1		6020B	Total Recoverable
Sodium	8300000		20000	9000	ug/L	100		6020B	Total Recoverable
Zinc	6.3	J	10	4.0	ug/L	1		6020B	Total Recoverable
Vanadium	6.1		4.0	0.79	ug/L	1		6020B	Total Recoverable

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	2.4	J	10	2.1	ug/L	1		EPA 8270E LL	Total/NA
Butyl benzyl phthalate	1.6	J	2.0	0.94	ug/L	1		EPA 8270E LL	Total/NA
Caprolactam	2.7	J	5.0	0.68	ug/L	1		EPA 8270E LL	Total/NA
Di-n-butyl phthalate	1.4		1.0	0.38	ug/L	1		EPA 8270E LL	Total/NA
Diethyl phthalate	0.44	J	1.0	0.25	ug/L	1		EPA 8270E LL	Total/NA
alpha-BHC (2C)	0.0020		0.0012	0.00023	ug/L	1		EPA 8081B LL	Total/NA
Aluminum	520		25	12	ug/L	1		6020B	Total Recoverable
Antimony	0.85	J	1.0	0.20	ug/L	1		6020B	Total Recoverable
Arsenic	3.0		2.0	0.68	ug/L	1		6020B	Total Recoverable
Barium	18		2.0	0.75	ug/L	1		6020B	Total Recoverable
Calcium	380000		100	50	ug/L	1		6020B	Total Recoverable
Chromium	1.1	J	2.0	0.55	ug/L	1		6020B	Total Recoverable
Iron	410		50	20	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL (Continued)

Lab Sample ID: 630-138167-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.70		0.50	0.12	ug/L	1		6020B	Total Recoverable
Magnesium	1200000		50	16	ug/L	1		6020B	Total Recoverable
Manganese	160		2.0	1.2	ug/L	1		6020B	Total Recoverable
Nickel	0.81	J	1.0	0.40	ug/L	1		6020B	Total Recoverable
Potassium	410000		200	65	ug/L	1		6020B	Total Recoverable
Selenium	0.32	J	1.0	0.28	ug/L	1		6020B	Total Recoverable
Sodium	10000000		200	90	ug/L	1		6020B	Total Recoverable
Vanadium	5.4		4.0	0.79	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL

Lab Sample ID: 630-138167-24

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 19:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 19:54	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 19:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 19:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 19:54	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 19:54	1
1,2-Diphenylhydrazine(as Azobenzene)	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 19:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 19:54	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 19:54	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 19:54	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 19:54	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 19:54	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 19:54	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 19:54	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 19:54	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 19:54	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 19:54	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 19:54	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 19:54	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 19:54	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 19:54	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 19:54	1
Cresols, Total	2.0	U	2.0	0.77	ug/L		06/25/26 22:18	06/30/26 19:54	1
Acenaphthene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 19:54	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 19:54	1
Acetophenone	1.0	U	1.0	0.16	ug/L		06/25/26 22:18	06/30/26 19:54	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 19:54	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 19:54	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 19:54	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 19:54	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 19:54	1
Bis(2-ethylhexyl) phthalate	**6.8**	**J**	10	2.1	ug/L		06/25/26 22:18	06/30/26 19:54	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 19:54	1

Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-24

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	**1.5**	**J**	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 19:54	1
Caprolactam	**2.9**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 19:54	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 19:54	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 19:54	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 19:54	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 19:54	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 19:54	1
Di-n-butyl phthalate	**1.2**		1.0	0.38	ug/L		06/25/26 22:18	06/30/26 19:54	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 19:54	1
Diethyl phthalate	**0.34**	**J**	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 19:54	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 19:54	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 19:54	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 19:54	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 19:54	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 19:54	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 19:54	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 19:54	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 19:54	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 19:54	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 19:54	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 19:54	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 19:54	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 19:54	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 19:54	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 19:54	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 19:54	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 19:54	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 19:54	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 19:54	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 19:54	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*27 - 105*	*06/25/26 22:18*	*06/30/26 19:54*	*1*
2-Fluorophenol (Surr)	*76*		*16 - 111*	*06/25/26 22:18*	*06/30/26 19:54*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*18 - 128*	*06/25/26 22:18*	*06/30/26 19:54*	*1*
Nitrobenzene-d5 (Surr)	*75*		*22 - 113*	*06/25/26 22:18*	*06/30/26 19:54*	*1*
Phenol-d5 (Surr)	*82*		*27 - 105*	*06/25/26 22:18*	*06/30/26 19:54*	*1*
Terphenyl-d14 (Surr)	*72*		*24 - 128*	*06/25/26 22:18*	*06/30/26 19:54*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 09:54	1
alpha-BHC (1C)	**0.0025**		0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 09:54	1
beta-BHC (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 09:54	1
delta-BHC (1C)	0.0013	U	0.0013	0.00062	ug/L		06/25/26 22:07	07/01/26 09:54	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00028	ug/L		06/25/26 22:07	07/01/26 09:54	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 09:54	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 09:54	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0070	ug/L		06/25/26 22:07	07/01/26 09:54	1

Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-24

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD (1C)	0.0013	U	0.0013	0.00051	ug/L		06/25/26 22:07	07/01/26 09:54	1
4,4'-DDE (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 09:54	1
4,4'-DDT (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 09:54	1
Dieldrin (1C)	0.0013	U	0.0013	0.00026	ug/L		06/25/26 22:07	07/01/26 09:54	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 09:54	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 09:54	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00061	ug/L		06/25/26 22:07	07/01/26 09:54	1
Endrin (1C)	0.0013	U	0.0013	0.00022	ug/L		06/25/26 22:07	07/01/26 09:54	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00050	ug/L		06/25/26 22:07	07/01/26 09:54	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00096	ug/L		06/25/26 22:07	07/01/26 09:54	1
Heptachlor (1C)	0.0013	U	0.0013	0.00043	ug/L		06/25/26 22:07	07/01/26 09:54	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00033	ug/L		06/25/26 22:07	07/01/26 09:54	1
Methoxychlor (1C)	0.0013	U *+	0.0013	0.00075	ug/L		06/25/26 22:07	07/01/26 09:54	1
Mirex (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 09:54	1
Toxaphene (1C)	0.096	U	0.096	0.047	ug/L		06/25/26 22:07	07/01/26 09:54	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00096	ug/L		06/25/26 22:07	07/01/26 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*85*		*11 - 150*	*06/25/26 22:07*	*07/01/26 09:54*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*85*		*11 - 150*	*06/25/26 22:07*	*07/01/26 09:54*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*80*		*17 - 142*	*06/25/26 22:07*	*07/01/26 09:54*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*80*		*17 - 142*	*06/25/26 22:07*	*07/01/26 09:54*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0096	U	0.0096	0.0046	ug/L		06/25/26 22:07	07/01/26 09:44	1
PCB-1221 (1C)	0.0096	U	0.0096	0.0055	ug/L		06/25/26 22:07	07/01/26 09:44	1
PCB-1232 (1C)	0.0096	U	0.0096	0.0050	ug/L		06/25/26 22:07	07/01/26 09:44	1
PCB-1242 (1C)	0.0096	U	0.0096	0.0034	ug/L		06/25/26 22:07	07/01/26 09:44	1
PCB-1248 (1C)	0.0096	U	0.0096	0.0077	ug/L		06/25/26 22:07	07/01/26 09:44	1
PCB-1254 (1C)	0.0096	U	0.0096	0.0044	ug/L		06/25/26 22:07	07/01/26 09:44	1
PCB-1260 (1C)	0.0096	U	0.0096	0.0038	ug/L		06/25/26 22:07	07/01/26 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*82*		*23 - 133*	*06/25/26 22:07*	*07/01/26 09:44*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*81*		*23 - 133*	*06/25/26 22:07*	*07/01/26 09:44*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*49*		*20 - 133*	*06/25/26 22:07*	*07/01/26 09:44*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*48*		*20 - 133*	*06/25/26 22:07*	*07/01/26 09:44*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0096	U	0.0096	0.0077	ug/L			07/01/26 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**890**		25	12	ug/L		07/06/26 09:38	07/06/26 19:04	1
Antimony	**1.1**		1.0	0.20	ug/L		07/06/26 09:38	07/06/26 19:04	1
Arsenic	**11**		2.0	0.68	ug/L		07/06/26 09:38	07/06/26 19:04	1
Barium	**30**		2.0	0.75	ug/L		07/06/26 09:38	07/06/26 19:04	1
Beryllium	0.50	U	0.50	0.12	ug/L		07/06/26 09:38	07/06/26 19:04	1
Cadmium	0.50	U	0.50	0.15	ug/L		07/06/26 09:38	07/06/26 19:04	1

Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-24

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**360000**		100	50	ug/L		07/06/26 09:38	07/06/26 19:04	1
Chromium	**1.9**	**J**	2.0	0.55	ug/L		07/06/26 09:38	07/06/26 19:04	1
Cobalt	**0.42**	**J**	0.50	0.16	ug/L		07/06/26 09:38	07/06/26 19:04	1
Copper	1.0	U	1.0	0.85	ug/L		07/06/26 09:38	07/06/26 19:04	1
Iron	**1600**		50	20	ug/L		07/06/26 09:38	07/06/26 19:04	1
Lead	**1.3**		0.50	0.12	ug/L		07/06/26 09:38	07/06/26 19:04	1
Magnesium	**1200000**		50	16	ug/L		07/06/26 09:38	07/06/26 19:04	1
Manganese	**1500**		2.0	1.2	ug/L		07/06/26 09:38	07/06/26 19:04	1
Nickel	**1.6**		1.0	0.40	ug/L		07/06/26 09:38	07/06/26 19:04	1
Potassium	**410000**		200	65	ug/L		07/06/26 09:38	07/06/26 19:04	1
Selenium	**0.30**	**J**	1.0	0.28	ug/L		07/06/26 09:38	07/06/26 19:04	1
Silver	0.50	U	0.50	0.10	ug/L		07/06/26 09:38	07/06/26 19:04	1
Sodium	**9800000**		200	90	ug/L		07/06/26 09:38	07/06/26 19:04	1
Thallium	0.50	U	0.50	0.13	ug/L		07/06/26 09:38	07/06/26 19:04	1
Zinc	**4.8**	**J**	10	4.0	ug/L		07/06/26 09:38	07/06/26 19:04	1
Vanadium	**5.8**		4.0	0.79	ug/L		07/06/26 09:38	07/06/26 19:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 17:28	06/30/26 23:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10	U	10	3.2	ug/L			07/09/26 23:21	1
Cr (VI) (SW846 EPA 7196A)	10	U F1	10	6.0	ug/L			06/25/26 16:39	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 13:10	1

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-26

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 20:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 20:17	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 20:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 20:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 20:17	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 20:17	1
1,2-Diphenylhydrazine(as Azobenzene)	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 20:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 20:17	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 20:17	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 20:17	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 20:17	1

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-26
Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 20:17	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 20:17	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 20:17	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 20:17	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 20:17	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 20:17	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 20:17	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 20:17	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 20:17	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 20:17	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 20:17	1
Cresols, Total	2.0	U	2.0	0.77	ug/L		06/25/26 22:18	06/30/26 20:17	1
Acenaphthene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 20:17	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 20:17	1
Acetophenone	1.0	U	1.0	0.16	ug/L		06/25/26 22:18	06/30/26 20:17	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 20:17	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 20:17	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 20:17	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 20:17	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 20:17	1
Bis(2-ethylhexyl) phthalate	**4.4**	**J**	10	2.1	ug/L		06/25/26 22:18	06/30/26 20:17	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 20:17	1
Butyl benzyl phthalate	2.0	U	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 20:17	1
Caprolactam	**1.3**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 20:17	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 20:17	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 20:17	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 20:17	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 20:17	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 20:17	1
Di-n-butyl phthalate	**0.39**	**J**	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 20:17	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 20:17	1
Diethyl phthalate	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 20:17	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 20:17	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 20:17	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 20:17	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 20:17	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 20:17	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 20:17	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 20:17	1

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL

Lab Sample ID: 630-138167-26

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 20:17	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 20:17	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 20:17	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 20:17	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 20:17	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 20:17	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 20:17	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 20:17	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 20:17	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 20:17	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 20:17	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 20:17	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 20:17	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*55*		*27 - 105*	*06/25/26 22:18*	*06/30/26 20:17*	*1*
2-Fluorophenol (Surr)	*57*		*16 - 111*	*06/25/26 22:18*	*06/30/26 20:17*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 128*	*06/25/26 22:18*	*06/30/26 20:17*	*1*
Nitrobenzene-d5 (Surr)	*60*		*22 - 113*	*06/25/26 22:18*	*06/30/26 20:17*	*1*
Phenol-d5 (Surr)	*64*		*27 - 105*	*06/25/26 22:18*	*06/30/26 20:17*	*1*
Terphenyl-d14 (Surr)	*58*		*24 - 128*	*06/25/26 22:18*	*06/30/26 20:17*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 10:13	1
alpha-BHC (2C)	**0.0034**		0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 10:13	1
beta-BHC (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 10:13	1
delta-BHC (1C)	0.0013	U	0.0013	0.00062	ug/L		06/25/26 22:07	07/01/26 10:13	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00028	ug/L		06/25/26 22:07	07/01/26 10:13	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00035	ug/L		06/25/26 22:07	07/01/26 10:13	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 10:13	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0070	ug/L		06/25/26 22:07	07/01/26 10:13	1
4,4'-DDD (1C)	0.0013	U	0.0013	0.00051	ug/L		06/25/26 22:07	07/01/26 10:13	1
4,4'-DDE (2C)	**0.0010**	**J**	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 10:13	1
4,4'-DDT (2C)	**0.0084**	***+**	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 10:13	1
Dieldrin (1C)	0.0013	U	0.0013	0.00026	ug/L		06/25/26 22:07	07/01/26 10:13	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00066	ug/L		06/25/26 22:07	07/01/26 10:13	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00090	ug/L		06/25/26 22:07	07/01/26 10:13	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00061	ug/L		06/25/26 22:07	07/01/26 10:13	1
Endrin (1C)	0.0013	U	0.0013	0.00022	ug/L		06/25/26 22:07	07/01/26 10:13	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00050	ug/L		06/25/26 22:07	07/01/26 10:13	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00096	ug/L		06/25/26 22:07	07/01/26 10:13	1
Heptachlor (1C)	0.0013	U	0.0013	0.00043	ug/L		06/25/26 22:07	07/01/26 10:13	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00033	ug/L		06/25/26 22:07	07/01/26 10:13	1
Methoxychlor (1C)	0.0013	U *+	0.0013	0.00075	ug/L		06/25/26 22:07	07/01/26 10:13	1
Mirex (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 10:13	1
Toxaphene (1C)	0.096	U	0.096	0.047	ug/L		06/25/26 22:07	07/01/26 10:13	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00096	ug/L		06/25/26 22:07	07/01/26 10:13	1

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-26

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*81*		*11 - 150*	*06/25/26 22:07*	*07/01/26 10:13*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*84*		*11 - 150*	*06/25/26 22:07*	*07/01/26 10:13*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*75*		*17 - 142*	*06/25/26 22:07*	*07/01/26 10:13*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*81*		*17 - 142*	*06/25/26 22:07*	*07/01/26 10:13*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0096	U	0.0096	0.0046	ug/L		06/25/26 22:07	07/01/26 10:01	1
PCB-1221 (1C)	0.0096	U	0.0096	0.0055	ug/L		06/25/26 22:07	07/01/26 10:01	1
PCB-1232 (1C)	0.0096	U	0.0096	0.0050	ug/L		06/25/26 22:07	07/01/26 10:01	1
PCB-1242 (1C)	0.0096	U	0.0096	0.0034	ug/L		06/25/26 22:07	07/01/26 10:01	1
PCB-1248 (1C)	0.0096	U	0.0096	0.0077	ug/L		06/25/26 22:07	07/01/26 10:01	1
PCB-1254 (1C)	0.0096	U	0.0096	0.0044	ug/L		06/25/26 22:07	07/01/26 10:01	1
PCB-1260 (1C)	0.0096	U	0.0096	0.0038	ug/L		06/25/26 22:07	07/01/26 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*69*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:01*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*83*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:01*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*49*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:01*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*48*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:01*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0096	U	0.0096	0.0077	ug/L			07/01/26 10:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4900**		25	12	ug/L		07/06/26 09:38	07/06/26 19:02	1
Antimony	**2.1**		1.0	0.20	ug/L		07/06/26 09:38	07/08/26 21:00	1
Arsenic	**15**		2.0	0.68	ug/L		07/06/26 09:38	07/06/26 19:02	1
Barium	**43**		2.0	0.75	ug/L		07/06/26 09:38	07/06/26 19:02	1
Beryllium	**0.22**	**J**	0.50	0.12	ug/L		07/06/26 09:38	07/06/26 19:02	1
Cadmium	**0.22**	**J**	0.50	0.15	ug/L		07/06/26 09:38	07/06/26 19:02	1
Calcium	**380000**		100	50	ug/L		07/06/26 09:38	07/06/26 19:02	1
Chromium	**11**		2.0	0.55	ug/L		07/06/26 09:38	07/06/26 19:02	1
Cobalt	**1.7**		0.50	0.16	ug/L		07/06/26 09:38	07/06/26 19:02	1
Copper	**4.1**		1.0	0.85	ug/L		07/06/26 09:38	07/06/26 19:02	1
Iron	**6500**		50	20	ug/L		07/06/26 09:38	07/06/26 19:02	1
Lead	**8.5**		0.50	0.12	ug/L		07/06/26 09:38	07/06/26 19:02	1
Magnesium	**1200000**		50	16	ug/L		07/06/26 09:38	07/06/26 19:02	1
Manganese	**1400**		2.0	1.2	ug/L		07/06/26 09:38	07/06/26 19:02	1
Nickel	**4.9**		1.0	0.40	ug/L		07/06/26 09:38	07/06/26 19:02	1
Potassium	**410000**		200	65	ug/L		07/06/26 09:38	07/06/26 19:02	1
Selenium	**0.49**	**J**	1.0	0.28	ug/L		07/06/26 09:38	07/06/26 19:02	1
Silver	0.50	U	0.50	0.10	ug/L		07/06/26 09:38	07/06/26 19:02	1
Sodium	**9900000**		200	90	ug/L		07/06/26 09:38	07/06/26 19:02	1
Thallium	0.50	U	0.50	0.13	ug/L		07/06/26 09:38	07/06/26 19:02	1
Zinc	**38**		10	4.0	ug/L		07/06/26 09:38	07/06/26 19:02	1
Vanadium	**24**		4.0	0.79	ug/L		07/06/26 09:38	07/06/26 19:02	1

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-26

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 17:28	07/01/26 01:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	**11**		10	3.2	ug/L			07/09/26 23:21	1
Cr (VI) (SW846 EPA 7196A)	10	U	10	6.0	ug/L			06/25/26 16:43	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 13:11	1

Client Sample ID: SC-3 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-28

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 20:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 20:39	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 20:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 20:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 20:39	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 20:39	1
1,2-Diphenylhydrazine(as Azobenzene)	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 20:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 20:39	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 20:39	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 20:39	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 20:39	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 20:39	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 20:39	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 20:39	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 20:39	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 20:39	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 20:39	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 20:39	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 20:39	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 20:39	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 20:39	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 20:39	1
Cresols, Total	2.0	U	2.0	0.77	ug/L		06/25/26 22:18	06/30/26 20:39	1
Acenaphthene	**0.070**	**J**	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 20:39	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 20:39	1
Acetophenone	1.0	U	1.0	0.16	ug/L		06/25/26 22:18	06/30/26 20:39	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 20:39	1

Client Sample ID: SC-3 COMPOSITE ELUTRIATE TOTAL

Lab Sample ID: 630-138167-28

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 20:39	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 20:39	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 20:39	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 20:39	1
Bis(2-ethylhexyl) phthalate	**4.2**	**J**	10	2.1	ug/L		06/25/26 22:18	06/30/26 20:39	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 20:39	1
Butyl benzyl phthalate	**1.5**	**J**	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 20:39	1
Caprolactam	**3.2**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 20:39	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 20:39	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 20:39	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 20:39	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 20:39	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 20:39	1
Di-n-butyl phthalate	**1.5**		1.0	0.38	ug/L		06/25/26 22:18	06/30/26 20:39	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 20:39	1
Diethyl phthalate	**0.40**	**J**	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 20:39	1
Dimethyl phthalate	**0.38**	**J**	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 20:39	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 20:39	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 20:39	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 20:39	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 20:39	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 20:39	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 20:39	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 20:39	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 20:39	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 20:39	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 20:39	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 20:39	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 20:39	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 20:39	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 20:39	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 20:39	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 20:39	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 20:39	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 20:39	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 20:39	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*27 - 105*	*06/25/26 22:18*	*06/30/26 20:39*	*1*
2-Fluorophenol (Surr)	*83*		*16 - 111*	*06/25/26 22:18*	*06/30/26 20:39*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*18 - 128*	*06/25/26 22:18*	*06/30/26 20:39*	*1*

Client Sample ID: SC-3 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-28

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*86*		*22 - 113*	*06/25/26 22:18*	*06/30/26 20:39*	*1*
Phenol-d5 (Surr)	*93*		*27 - 105*	*06/25/26 22:18*	*06/30/26 20:39*	*1*
Terphenyl-d14 (Surr)	*90*		*24 - 128*	*06/25/26 22:18*	*06/30/26 20:39*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0012	U	0.0012	0.00034	ug/L		06/25/26 22:07	07/01/26 10:31	1
alpha-BHC (1C)	**0.0023**		0.0012	0.00023	ug/L		06/25/26 22:07	07/01/26 10:31	1
beta-BHC (1C)	0.0012	U	0.0012	0.00035	ug/L		06/25/26 22:07	07/01/26 10:31	1
delta-BHC (1C)	0.0012	U	0.0012	0.00061	ug/L		06/25/26 22:07	07/01/26 10:31	1
gamma-BHC (Lindane) (1C)	0.0012	U	0.0012	0.00028	ug/L		06/25/26 22:07	07/01/26 10:31	1
cis-Chlordane (1C)	0.0012	U	0.0012	0.00035	ug/L		06/25/26 22:07	07/01/26 10:31	1
trans-Chlordane (1C)	0.0012	U	0.0012	0.00089	ug/L		06/25/26 22:07	07/01/26 10:31	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0069	ug/L		06/25/26 22:07	07/01/26 10:31	1
4,4'-DDD (1C)	0.0012	U	0.0012	0.00051	ug/L		06/25/26 22:07	07/01/26 10:31	1
4,4'-DDE (1C)	0.0012	U	0.0012	0.00068	ug/L		06/25/26 22:07	07/01/26 10:31	1
4,4'-DDT (1C)	0.0012	U	0.0012	0.00066	ug/L		06/25/26 22:07	07/01/26 10:31	1
Dieldrin (1C)	0.0012	U	0.0012	0.00026	ug/L		06/25/26 22:07	07/01/26 10:31	1
Endosulfan I (1C)	0.0012	U	0.0012	0.00065	ug/L		06/25/26 22:07	07/01/26 10:31	1
Endosulfan II (1C)	0.0012	U	0.0012	0.00090	ug/L		06/25/26 22:07	07/01/26 10:31	1
Endosulfan sulfate (1C)	0.0012	U	0.0012	0.00061	ug/L		06/25/26 22:07	07/01/26 10:31	1
Endrin (1C)	0.0012	U	0.0012	0.00022	ug/L		06/25/26 22:07	07/01/26 10:31	1
Endrin aldehyde (1C)	0.0012	U	0.0012	0.00049	ug/L		06/25/26 22:07	07/01/26 10:31	1
Endrin ketone (1C)	0.0012	U	0.0012	0.00095	ug/L		06/25/26 22:07	07/01/26 10:31	1
Heptachlor (1C)	**0.00055**	**J p**	0.0012	0.00043	ug/L		06/25/26 22:07	07/01/26 10:31	1
Heptachlor epoxide (1C)	0.0012	U	0.0012	0.00032	ug/L		06/25/26 22:07	07/01/26 10:31	1
Methoxychlor (1C)	0.0012	U *+	0.0012	0.00074	ug/L		06/25/26 22:07	07/01/26 10:31	1
Mirex (1C)	0.0012	U	0.0012	0.00044	ug/L		06/25/26 22:07	07/01/26 10:31	1
Toxaphene (1C)	0.095	U	0.095	0.047	ug/L		06/25/26 22:07	07/01/26 10:31	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00095	ug/L		06/25/26 22:07	07/01/26 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*91*		*11 - 150*	*06/25/26 22:07*	*07/01/26 10:31*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*92*		*11 - 150*	*06/25/26 22:07*	*07/01/26 10:31*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*77*		*17 - 142*	*06/25/26 22:07*	*07/01/26 10:31*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*84*		*17 - 142*	*06/25/26 22:07*	*07/01/26 10:31*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0095	U	0.0095	0.0045	ug/L		06/25/26 22:07	07/01/26 10:18	1
PCB-1221 (1C)	0.0095	U	0.0095	0.0054	ug/L		06/25/26 22:07	07/01/26 10:18	1
PCB-1232 (1C)	0.0095	U	0.0095	0.0050	ug/L		06/25/26 22:07	07/01/26 10:18	1
PCB-1242 (1C)	0.0095	U	0.0095	0.0034	ug/L		06/25/26 22:07	07/01/26 10:18	1
PCB-1248 (1C)	0.0095	U	0.0095	0.0076	ug/L		06/25/26 22:07	07/01/26 10:18	1
PCB-1254 (1C)	0.0095	U	0.0095	0.0043	ug/L		06/25/26 22:07	07/01/26 10:18	1
PCB-1260 (2C)	**0.059**	**B**	0.0095	0.0037	ug/L		06/25/26 22:07	07/01/26 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*72*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:18*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*88*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:18*	*1*

Client Sample ID: SC-3 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-28

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*54*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:18*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*52*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:18*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	**0.059**		0.0095	0.0076	ug/L			07/01/26 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**960**		25	12	ug/L		07/02/26 09:14	07/02/26 19:47	1
Antimony	**1.4**		1.0	0.20	ug/L		07/02/26 09:14	07/02/26 19:47	1
Arsenic	**8.4**		2.0	0.68	ug/L		07/02/26 09:14	07/02/26 19:47	1
Barium	**24**		2.0	0.75	ug/L		07/02/26 09:14	07/02/26 19:47	1
Beryllium	0.50	U ^+	0.50	0.12	ug/L		07/02/26 09:14	07/02/26 19:47	1
Cadmium	0.50	U	0.50	0.15	ug/L		07/02/26 09:14	07/02/26 19:47	1
Calcium	**320000**		10000	5000	ug/L		07/02/26 09:14	07/02/26 21:40	100
Chromium	**2.4**		2.0	0.55	ug/L		07/02/26 09:14	07/02/26 19:47	1
Cobalt	**0.47**	**J**	0.50	0.16	ug/L		07/02/26 09:14	07/02/26 19:47	1
Copper	**1.2**		1.0	0.85	ug/L		07/02/26 09:14	07/02/26 19:47	1
Iron	**1400**		50	20	ug/L		07/02/26 09:14	07/02/26 19:47	1
Lead	**1.8**		0.50	0.12	ug/L		07/02/26 09:14	07/02/26 19:47	1
Magnesium	**1000000**		5000	1600	ug/L		07/02/26 09:14	07/02/26 21:40	100
Manganese	**1000**		2.0	1.2	ug/L		07/02/26 09:14	07/02/26 19:47	1
Nickel	**1.6**		1.0	0.40	ug/L		07/02/26 09:14	07/02/26 19:47	1
Potassium	**340000**		20000	6500	ug/L		07/02/26 09:14	07/02/26 21:40	100
Selenium	**0.35**	**J**	1.0	0.28	ug/L		07/02/26 09:14	07/02/26 19:47	1
Silver	0.50	U	0.50	0.10	ug/L		07/02/26 09:14	07/02/26 19:47	1
Sodium	**8300000**		20000	9000	ug/L		07/02/26 09:14	07/02/26 21:40	100
Thallium	0.50	U	0.50	0.13	ug/L		07/02/26 09:14	07/02/26 19:47	1
Zinc	**6.3**	**J**	10	4.0	ug/L		07/02/26 09:14	07/02/26 19:47	1
Vanadium	**6.1**		4.0	0.79	ug/L		07/02/26 09:14	07/02/26 19:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 17:28	07/01/26 01:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10	U	10	3.2	ug/L			07/08/26 23:21	1
Cr (VI) (SW846 EPA 7196A)	10	U	10	6.0	ug/L			06/25/26 16:45	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 13:13	1

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-30

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 21:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 21:02	1

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-30
Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 21:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 21:02	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 21:02	1
1,2-Diphenylhydrazine(as Azobenzene)	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 21:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 21:02	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 21:02	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 21:02	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 21:02	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 21:02	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 21:02	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 21:02	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 21:02	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 21:02	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:02	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:02	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:02	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 21:02	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 21:02	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 21:02	1
Cresols, Total	2.0	U	2.0	0.77	ug/L		06/25/26 22:18	06/30/26 21:02	1
Acenaphthene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 21:02	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 21:02	1
Acetophenone	1.0	U	1.0	0.16	ug/L		06/25/26 22:18	06/30/26 21:02	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 21:02	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 21:02	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 21:02	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 21:02	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 21:02	1
Bis(2-ethylhexyl) phthalate	**2.4**	**J**	10	2.1	ug/L		06/25/26 22:18	06/30/26 21:02	1
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 21:02	1
Butyl benzyl phthalate	**1.6**	**J**	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 21:02	1
Caprolactam	**2.7**	**J**	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 21:02	1

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-30
Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 21:02	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 21:02	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 21:02	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 21:02	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:02	1
Di-n-butyl phthalate	**1.4**		1.0	0.38	ug/L		06/25/26 22:18	06/30/26 21:02	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 21:02	1
Diethyl phthalate	**0.44**	**J**	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:02	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 21:02	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 21:02	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 21:02	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 21:02	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 21:02	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 21:02	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 21:02	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 21:02	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 21:02	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 21:02	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 21:02	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 21:02	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 21:02	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 21:02	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 21:02	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 21:02	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 21:02	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 21:02	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 21:02	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 21:02	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*27 - 105*	*06/25/26 22:18*	*06/30/26 21:02*	*1*
2-Fluorophenol (Surr)	*67*		*16 - 111*	*06/25/26 22:18*	*06/30/26 21:02*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 128*	*06/25/26 22:18*	*06/30/26 21:02*	*1*
Nitrobenzene-d5 (Surr)	*70*		*22 - 113*	*06/25/26 22:18*	*06/30/26 21:02*	*1*
Phenol-d5 (Surr)	*75*		*27 - 105*	*06/25/26 22:18*	*06/30/26 21:02*	*1*
Terphenyl-d14 (Surr)	*85*		*24 - 128*	*06/25/26 22:18*	*06/30/26 21:02*	*1*

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0012	U	0.0012	0.00034	ug/L		06/25/26 22:07	07/01/26 10:50	1
alpha-BHC (2C)	**0.0020**		0.0012	0.00023	ug/L		06/25/26 22:07	07/01/26 10:50	1
beta-BHC (1C)	0.0012	U	0.0012	0.00035	ug/L		06/25/26 22:07	07/01/26 10:50	1
delta-BHC (1C)	0.0012	U	0.0012	0.00061	ug/L		06/25/26 22:07	07/01/26 10:50	1
gamma-BHC (Lindane) (1C)	0.0012	U	0.0012	0.00028	ug/L		06/25/26 22:07	07/01/26 10:50	1
cis-Chlordane (1C)	0.0012	U	0.0012	0.00035	ug/L		06/25/26 22:07	07/01/26 10:50	1
trans-Chlordane (1C)	0.0012	U	0.0012	0.00089	ug/L		06/25/26 22:07	07/01/26 10:50	1
Chlordane (technical) (1C)	0.012	U	0.012	0.0069	ug/L		06/25/26 22:07	07/01/26 10:50	1
4,4'-DDD (1C)	0.0012	U	0.0012	0.00051	ug/L		06/25/26 22:07	07/01/26 10:50	1
4,4'-DDE (1C)	0.0012	U	0.0012	0.00068	ug/L		06/25/26 22:07	07/01/26 10:50	1

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-30

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Method: SW846 EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT (1C)	0.0012	U	0.0012	0.00066	ug/L		06/25/26 22:07	07/01/26 10:50	1
Dieldrin (1C)	0.0012	U	0.0012	0.00026	ug/L		06/25/26 22:07	07/01/26 10:50	1
Endosulfan I (1C)	0.0012	U	0.0012	0.00065	ug/L		06/25/26 22:07	07/01/26 10:50	1
Endosulfan II (1C)	0.0012	U	0.0012	0.00090	ug/L		06/25/26 22:07	07/01/26 10:50	1
Endosulfan sulfate (1C)	0.0012	U	0.0012	0.00061	ug/L		06/25/26 22:07	07/01/26 10:50	1
Endrin (1C)	0.0012	U	0.0012	0.00022	ug/L		06/25/26 22:07	07/01/26 10:50	1
Endrin aldehyde (1C)	0.0012	U	0.0012	0.00049	ug/L		06/25/26 22:07	07/01/26 10:50	1
Endrin ketone (1C)	0.0012	U	0.0012	0.00095	ug/L		06/25/26 22:07	07/01/26 10:50	1
Heptachlor (1C)	0.0012	U	0.0012	0.00043	ug/L		06/25/26 22:07	07/01/26 10:50	1
Heptachlor epoxide (1C)	0.0012	U	0.0012	0.00032	ug/L		06/25/26 22:07	07/01/26 10:50	1
Methoxychlor (1C)	0.0012	U *+	0.0012	0.00074	ug/L		06/25/26 22:07	07/01/26 10:50	1
Mirex (1C)	0.0012	U	0.0012	0.00044	ug/L		06/25/26 22:07	07/01/26 10:50	1
Toxaphene (1C)	0.095	U	0.095	0.047	ug/L		06/25/26 22:07	07/01/26 10:50	1
Endosulfan, Total (1C)	0.0025	U	0.0025	0.00095	ug/L		06/25/26 22:07	07/01/26 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*84*		*11 - 150*	*06/25/26 22:07*	*07/01/26 10:50*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*89*		*11 - 150*	*06/25/26 22:07*	*07/01/26 10:50*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*70*		*17 - 142*	*06/25/26 22:07*	*07/01/26 10:50*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*79*		*17 - 142*	*06/25/26 22:07*	*07/01/26 10:50*	*1*

Method: SW846 EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.0095	U	0.0095	0.0045	ug/L		06/25/26 22:07	07/01/26 10:36	1
PCB-1221 (1C)	0.0095	U	0.0095	0.0054	ug/L		06/25/26 22:07	07/01/26 10:36	1
PCB-1232 (1C)	0.0095	U	0.0095	0.0050	ug/L		06/25/26 22:07	07/01/26 10:36	1
PCB-1242 (1C)	0.0095	U	0.0095	0.0034	ug/L		06/25/26 22:07	07/01/26 10:36	1
PCB-1248 (1C)	0.0095	U	0.0095	0.0076	ug/L		06/25/26 22:07	07/01/26 10:36	1
PCB-1254 (1C)	0.0095	U	0.0095	0.0043	ug/L		06/25/26 22:07	07/01/26 10:36	1
PCB-1260 (1C)	0.0095	U	0.0095	0.0037	ug/L		06/25/26 22:07	07/01/26 10:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl (Surr) (1C)	*72*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:36*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*81*		*23 - 133*	*06/25/26 22:07*	*07/01/26 10:36*	*1*
Tetrachloro-m-xylene (Surr) (1C)	*50*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:36*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*48*		*20 - 133*	*06/25/26 22:07*	*07/01/26 10:36*	*1*

Method: TAL SOP PCB - Total PCB Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.0095	U	0.0095	0.0076	ug/L			07/01/26 10:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**520**		25	12	ug/L		07/06/26 09:38	07/06/26 19:06	1
Antimony	**0.85**	**J**	1.0	0.20	ug/L		07/06/26 09:38	07/06/26 19:06	1
Arsenic	**3.0**		2.0	0.68	ug/L		07/06/26 09:38	07/06/26 19:06	1
Barium	**18**		2.0	0.75	ug/L		07/06/26 09:38	07/06/26 19:06	1
Beryllium	0.50	U	0.50	0.12	ug/L		07/06/26 09:38	07/06/26 19:06	1
Cadmium	0.50	U	0.50	0.15	ug/L		07/06/26 09:38	07/06/26 19:06	1
Calcium	**380000**		100	50	ug/L		07/06/26 09:38	07/06/26 19:06	1
Chromium	**1.1**	**J**	2.0	0.55	ug/L		07/06/26 09:38	07/06/26 19:06	1

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-30

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.50	U	0.50	0.16	ug/L		07/06/26 09:38	07/06/26 19:06	1
Copper	1.0	U	1.0	0.85	ug/L		07/06/26 09:38	07/06/26 19:06	1
Iron	**410**		50	20	ug/L		07/06/26 09:38	07/06/26 19:06	1
Lead	**0.70**		0.50	0.12	ug/L		07/06/26 09:38	07/06/26 19:06	1
Magnesium	**1200000**		50	16	ug/L		07/06/26 09:38	07/06/26 19:06	1
Manganese	**160**		2.0	1.2	ug/L		07/06/26 09:38	07/06/26 19:06	1
Nickel	**0.81**	**J**	1.0	0.40	ug/L		07/06/26 09:38	07/06/26 19:06	1
Potassium	**410000**		200	65	ug/L		07/06/26 09:38	07/06/26 19:06	1
Selenium	**0.32**	**J**	1.0	0.28	ug/L		07/06/26 09:38	07/06/26 19:06	1
Silver	0.50	U	0.50	0.10	ug/L		07/06/26 09:38	07/06/26 19:06	1
Sodium	**10000000**		200	90	ug/L		07/06/26 09:38	07/06/26 19:06	1
Thallium	0.50	U	0.50	0.13	ug/L		07/06/26 09:38	07/06/26 19:06	1
Zinc	10	U	10	4.0	ug/L		07/06/26 09:38	07/06/26 19:06	1
Vanadium	**5.4**		4.0	0.79	ug/L		07/06/26 09:38	07/06/26 19:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 17:28	07/01/26 01:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (III) (SW846 7196A)	10	U	10	3.2	ug/L			07/09/26 23:21	1
Cr (VI) (SW846 EPA 7196A)	10	U	10	6.0	ug/L			06/25/26 16:49	1
Cyanide, Total (SW846 EPA 9014)	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 13:13	1

Surrogate Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Matrix: MET, Total **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(27-105)	(16-111)	(18-128)	(22-113)	(27-105)	(24-128)
630-138167-24	SC-1 COMPOSITE ELUTRIATE TO	71	76	85	75	82	72
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	55	57	70	60	64	58
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	86	83	95	86	93	90
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	71	67	83	70	75	85

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(27-105)	(16-111)	(18-128)	(22-113)	(27-105)	(24-128)
LCS 180-515477/2-A	Lab Control Sample	66	79	73	73	77	67
MB 180-515477/1-A	Method Blank	85	91	90	88	91	90

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Matrix: MET, Total **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(11-150)	(11-150)	(17-142)	(17-142)
630-138167-24	SC-1 COMPOSITE ELUTRIATE TO	85	85	80	80
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	81	84	75	81
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	91	92	77	84
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	84	89	70	79

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Surrogate Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(11-150)	(11-150)	(17-142)	(17-142)
LCS 180-515476/4-A	Lab Control Sample	91	92	79	81
LCSD 180-515476/5-A	Lab Control Sample Dup	95	95	85	88
MB 180-515476/1-A	Method Blank	96	97	79	83

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: MET, Total
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(23-133)	(23-133)	(20-133)	(20-133)
630-138167-24	SC-1 COMPOSITE ELUTRIATE TO	82	81	49	48
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	69	83	49	48
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	72	88	54	52
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	72	81	50	48

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCB1	DCB2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(23-133)	(23-133)	(20-133)	(20-133)
LCS 180-515476/2-A	Lab Control Sample	88	85	59	58
LCSD 180-515476/3-A	Lab Control Sample Dup	91	86	60	58
MB 180-515476/1-A	Method Blank	97	95	65	63

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)
TCX = Tetrachloro-m-xylene (Surr)

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 180-515477/1-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.14	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,2,4,5-Tetrachlorobenzene	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,4-Dioxane	2.0	U	2.0	0.63	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,2-Diphenylhydrazine(as Azobenzene)	1.0	U	1.0	0.20	ug/L		06/25/26 22:18	06/30/26 12:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.24	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Chloronaphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Chlorophenol	1.0	U	1.0	0.23	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,3,4,6-Tetrachlorophenol	1.0	U	1.0	0.33	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dichlorophenol	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dimethylphenol	1.0	U	1.0	0.59	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dinitrophenol	10	U	10	3.3	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4-Dinitrotoluene	1.0	U	1.0	0.35	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,6-Dinitrotoluene	1.0	U	1.0	0.17	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Methylnaphthalene	0.19	U	0.19	0.062	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Methylphenol	1.0	U	1.0	0.56	ug/L		06/25/26 22:18	06/30/26 12:57	1
Methylphenol, 3 & 4	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Nitroaniline	5.0	U	5.0	0.55	ug/L		06/25/26 22:18	06/30/26 12:57	1
3-Nitroaniline	5.0	U	5.0	0.44	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Nitroaniline	5.0	U	5.0	0.36	ug/L		06/25/26 22:18	06/30/26 12:57	1
2-Nitrophenol	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Nitrophenol	5.0	U	5.0	0.94	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,2'-oxybis[1-chloropropane]	0.19	U	0.19	0.12	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4,5-Trichlorophenol	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 12:57	1
2,4,6-Trichlorophenol	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Chloro-3-methylphenol	1.0	U	1.0	0.44	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Chlorophenyl phenyl ether	1.0	U	1.0	0.22	ug/L		06/25/26 22:18	06/30/26 12:57	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	1.5	ug/L		06/25/26 22:18	06/30/26 12:57	1
Cresols, Total	2.0	U	2.0	0.77	ug/L		06/25/26 22:18	06/30/26 12:57	1
Acenaphthene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 12:57	1
Acenaphthylene	0.19	U	0.19	0.065	ug/L		06/25/26 22:18	06/30/26 12:57	1
Acetophenone	1.0	U	1.0	0.16	ug/L		06/25/26 22:18	06/30/26 12:57	1
Aniline	1.0	U	1.0	0.37	ug/L		06/25/26 22:18	06/30/26 12:57	1
Anthracene	0.19	U	0.19	0.049	ug/L		06/25/26 22:18	06/30/26 12:57	1
Atrazine	1.0	U	1.0	0.30	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzaldehyde	1.0	U	1.0	0.54	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzidine	20	U	20	9.1	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[a]anthracene	0.19	U	0.19	0.075	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[b]fluoranthene	0.19	U	0.19	0.097	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[k]fluoranthene	0.19	U	0.19	0.088	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzoic acid	5.0	U	5.0	2.5	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzo[a]pyrene	0.19	U	0.19	0.13	ug/L		06/25/26 22:18	06/30/26 12:57	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.15	ug/L		06/25/26 22:18	06/30/26 12:57	1
Bis(2-chloroethyl)ether	0.19	U	0.19	0.14	ug/L		06/25/26 22:18	06/30/26 12:57	1
Bis(2-ethylhexyl) phthalate	10	U	10	2.1	ug/L		06/25/26 22:18	06/30/26 12:57	1

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 180-515477/1-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 12:57	1
Butyl benzyl phthalate	2.0	U	2.0	0.94	ug/L		06/25/26 22:18	06/30/26 12:57	1
Caprolactam	5.0	U	5.0	0.68	ug/L		06/25/26 22:18	06/30/26 12:57	1
Carbazole	0.19	U	0.19	0.051	ug/L		06/25/26 22:18	06/30/26 12:57	1
4-Chloroaniline	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 12:57	1
Chrysene	0.19	U	0.19	0.081	ug/L		06/25/26 22:18	06/30/26 12:57	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.072	ug/L		06/25/26 22:18	06/30/26 12:57	1
Dibenzofuran	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 12:57	1
Di-n-butyl phthalate	1.0	U	1.0	0.38	ug/L		06/25/26 22:18	06/30/26 12:57	1
Di-n-octyl phthalate	1.0	U	1.0	0.69	ug/L		06/25/26 22:18	06/30/26 12:57	1
Diethyl phthalate	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 12:57	1
Dimethyl phthalate	2.0	U	2.0	0.20	ug/L		06/25/26 22:18	06/30/26 12:57	1
Fluoranthene	0.19	U	0.19	0.060	ug/L		06/25/26 22:18	06/30/26 12:57	1
Fluorene	0.19	U	0.19	0.069	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachlorobenzene	0.19	U	0.19	0.056	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachlorobutadiene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachlorocyclopentadiene	1.0	U	1.0	0.50	ug/L		06/25/26 22:18	06/30/26 12:57	1
Hexachloroethane	1.0	U	1.0	0.32	ug/L		06/25/26 22:18	06/30/26 12:57	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.085	ug/L		06/25/26 22:18	06/30/26 12:57	1
Isophorone	1.0	U	1.0	0.19	ug/L		06/25/26 22:18	06/30/26 12:57	1
Naphthalene	0.19	U	0.19	0.059	ug/L		06/25/26 22:18	06/30/26 12:57	1
Nitrobenzene	2.0	U	2.0	0.50	ug/L		06/25/26 22:18	06/30/26 12:57	1
N-Nitrosodimethylamine	1.0	U	1.0	0.26	ug/L		06/25/26 22:18	06/30/26 12:57	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.25	ug/L		06/25/26 22:18	06/30/26 12:57	1
N-Nitrosodi-n-propylamine	0.19	U	0.19	0.071	ug/L		06/25/26 22:18	06/30/26 12:57	1
Pentachlorophenol	5.0	U	5.0	0.85	ug/L		06/25/26 22:18	06/30/26 12:57	1
Phenanthrene	0.19	U	0.19	0.16	ug/L		06/25/26 22:18	06/30/26 12:57	1
Phenol	1.0	U	1.0	0.49	ug/L		06/25/26 22:18	06/30/26 12:57	1
Pyrene	0.19	U	0.19	0.11	ug/L		06/25/26 22:18	06/30/26 12:57	1
Pyridine	2.0	U	2.0	1.1	ug/L		06/25/26 22:18	06/30/26 12:57	1
Benzyl alcohol	5.0	U	5.0	1.7	ug/L		06/25/26 22:18	06/30/26 12:57	1
3,3'-Dichlorobenzidine	1.0	U	1.0	0.58	ug/L		06/25/26 22:18	06/30/26 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*27 - 105*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
2-Fluorophenol (Surr)	*91*		*16 - 111*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*18 - 128*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
Nitrobenzene-d5 (Surr)	*88*		*22 - 113*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
Phenol-d5 (Surr)	*91*		*27 - 105*	*06/25/26 22:18*	*06/30/26 12:57*	*1*
Terphenyl-d14 (Surr)	*90*		*24 - 128*	*06/25/26 22:18*	*06/30/26 12:57*	*1*

Lab Sample ID: LCS 180-515477/2-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	20.0	13.3		ug/L		67	47 - 100
1,2-Dichlorobenzene	20.0	14.0		ug/L		70	51 - 100

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515477/2-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	20.0	13.0		ug/L		65	54 - 100
1,3-Dichlorobenzene	20.0	13.9		ug/L		70	51 - 100
1,4-Dichlorobenzene	20.0	14.0		ug/L		70	50 - 100
1,4-Dioxane	20.0	14.2		ug/L		71	39 - 111
1,2-Diphenylhydrazine(as Azobenzene)	20.0	14.9		ug/L		75	38 - 100
1,2,4-Trichlorobenzene	20.0	13.6		ug/L		68	51 - 100
2-Chloronaphthalene	20.0	13.1		ug/L		66	45 - 100
2-Chlorophenol	20.0	15.1		ug/L		76	53 - 100
2,3,4,6-Tetrachlorophenol	20.0	13.6		ug/L		68	54 - 100
2,4-Dichlorophenol	20.0	14.3		ug/L		71	55 - 100
2,4-Dimethylphenol	20.0	14.6		ug/L		73	51 - 100
2,4-Dinitrophenol	40.0	27.2		ug/L		68	32 - 111
2,4-Dinitrotoluene	20.0	15.0		ug/L		75	52 - 100
2,6-Dinitrotoluene	20.0	13.4		ug/L		67	49 - 101
2-Methylnaphthalene	20.0	13.7		ug/L		69	48 - 100
2-Methylphenol	20.0	15.5		ug/L		77	51 - 100
Methylphenol, 3 & 4	20.0	15.3		ug/L		77	51 - 100
2-Nitroaniline	20.0	15.5		ug/L		77	47 - 104
3-Nitroaniline	20.0	15.0		ug/L		75	49 - 100
4-Nitroaniline	20.0	15.2		ug/L		76	47 - 100
2-Nitrophenol	20.0	14.9		ug/L		74	56 - 100
4-Nitrophenol	40.0	29.8		ug/L		74	43 - 113
2,2'-oxybis[1-chloropropane]	20.0	16.2		ug/L		81	33 - 102
2,4,5-Trichlorophenol	20.0	14.1		ug/L		70	55 - 100
2,4,6-Trichlorophenol	20.0	14.3		ug/L		71	54 - 100
4-Chloro-3-methylphenol	20.0	14.7		ug/L		73	53 - 100
4-Chlorophenyl phenyl ether	20.0	13.7		ug/L		68	48 - 100
4,6-Dinitro-2-methylphenol	40.0	29.4		ug/L		73	48 - 100
Cresols, Total	40.0	30.8		ug/L		77	42 - 100
Acenaphthene	20.0	13.2		ug/L		66	51 - 100
Acenaphthylene	20.0	13.2		ug/L		66	50 - 100
Acetophenone	20.0	15.4		ug/L		77	46 - 100
Aniline	20.0	14.9		ug/L		74	42 - 100
Anthracene	20.0	13.8		ug/L		69	49 - 100
Atrazine	20.0	14.5		ug/L		72	54 - 100
Benzaldehyde	20.0	10.8		ug/L		54	15 - 100
Benzidine	20.0	9.90	J	ug/L		50	31 - 115
Benzo[a]anthracene	20.0	13.3		ug/L		66	52 - 100
Benzo[b]fluoranthene	20.0	12.9		ug/L		65	50 - 100
Benzo[k]fluoranthene	20.0	13.2		ug/L		66	42 - 100
Benzoic acid	20.0	16.5		ug/L		83	43 - 114
Benzo[g,h,i]perylene	20.0	13.0		ug/L		65	45 - 100
Benzo[a]pyrene	20.0	13.4		ug/L		67	47 - 100
Bis(2-chloroethoxy)methane	20.0	12.6		ug/L		63	36 - 100
Bis(2-chloroethyl)ether	20.0	15.4		ug/L		77	42 - 100
Bis(2-ethylhexyl) phthalate	20.0	14.2		ug/L		71	42 - 108
4-Bromophenyl phenyl ether	20.0	13.7		ug/L		68	50 - 100
Butyl benzyl phthalate	20.0	14.0		ug/L		70	44 - 106

Method: EPA 8270E LL - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 180-515477/2-A
Matrix: Water
Analysis Batch: 515605

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Caprolactam	20.0	18.3		ug/L		92	46 - 105
Carbazole	20.0	14.3		ug/L		71	47 - 100
4-Chloroaniline	20.0	14.3		ug/L		72	48 - 100
Chrysene	20.0	13.1		ug/L		66	44 - 100
Dibenz(a,h)anthracene	20.0	13.7		ug/L		68	52 - 101
Dibenzofuran	20.0	13.3		ug/L		67	47 - 100
Di-n-butyl phthalate	20.0	14.7		ug/L		73	50 - 100
Di-n-octyl phthalate	20.0	13.7		ug/L		69	21 - 130
Diethyl phthalate	20.0	14.0		ug/L		70	52 - 100
Dimethyl phthalate	20.0	13.8		ug/L		69	51 - 100
Fluoranthene	20.0	14.1		ug/L		70	50 - 100
Fluorene	20.0	13.2		ug/L		66	49 - 100
Hexachlorobenzene	20.0	13.6		ug/L		68	46 - 100
Hexachlorobutadiene	20.0	13.7		ug/L		69	46 - 101
Hexachlorocyclopentadiene	20.0	12.5		ug/L		63	24 - 113
Hexachloroethane	20.0	14.7		ug/L		73	46 - 100
Indeno[1,2,3-cd]pyrene	20.0	14.1		ug/L		70	48 - 100
Isophorone	20.0	15.0		ug/L		75	42 - 100
Naphthalene	20.0	13.3		ug/L		67	53 - 100
Nitrobenzene	20.0	14.5		ug/L		73	47 - 100
N-Nitrosodimethylamine	20.0	16.1		ug/L		81	44 - 123
N-Nitrosodiphenylamine	20.0	14.3		ug/L		71	48 - 100
N-Nitrosodi-n-propylamine	20.0	15.5		ug/L		78	47 - 103
Pentachlorophenol	40.0	26.9		ug/L		67	42 - 102
Phenanthrene	20.0	13.8		ug/L		69	47 - 100
Phenol	20.0	15.1		ug/L		75	41 - 100
Pyrene	20.0	13.3		ug/L		66	46 - 100
Pyridine	40.0	29.4		ug/L		73	24 - 127
Benzyl alcohol	20.0	15.6		ug/L		78	33 - 107
3,3'-Dichlorobenzidine	20.0	13.5		ug/L		68	42 - 100

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*66*		*27 - 105*
2-Fluorophenol (Surr)	*79*		*16 - 111*
2,4,6-Tribromophenol (Surr)	*73*		*18 - 128*
Nitrobenzene-d5 (Surr)	*73*		*22 - 113*
Phenol-d5 (Surr)	*77*		*27 - 105*
Terphenyl-d14 (Surr)	*67*		*24 - 128*

Method: EPA 8081B LL - Organochlorine Pesticides (GC)

Lab Sample ID: MB 180-515476/1-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin (1C)	0.0013	U	0.0013	0.00036	ug/L		06/25/26 22:07	07/01/26 08:59	1
alpha-BHC (1C)	0.0013	U	0.0013	0.00024	ug/L		06/25/26 22:07	07/01/26 08:59	1
beta-BHC (1C)	0.0013	U	0.0013	0.00037	ug/L		06/25/26 22:07	07/01/26 08:59	1

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 180-515476/1-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC (1C)	0.0013	U	0.0013	0.00064	ug/L		06/25/26 22:07	07/01/26 08:59	1
gamma-BHC (Lindane) (1C)	0.0013	U	0.0013	0.00029	ug/L		06/25/26 22:07	07/01/26 08:59	1
cis-Chlordane (1C)	0.0013	U	0.0013	0.00037	ug/L		06/25/26 22:07	07/01/26 08:59	1
trans-Chlordane (1C)	0.0013	U	0.0013	0.00093	ug/L		06/25/26 22:07	07/01/26 08:59	1
Chlordane (technical) (1C)	0.013	U	0.013	0.0073	ug/L		06/25/26 22:07	07/01/26 08:59	1
4,4'-DDD (1C)	0.0013	U	0.0013	0.00053	ug/L		06/25/26 22:07	07/01/26 08:59	1
4,4'-DDE (1C)	0.0013	U	0.0013	0.00072	ug/L		06/25/26 22:07	07/01/26 08:59	1
4,4'-DDT (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 08:59	1
Dieldrin (1C)	0.0013	U	0.0013	0.00027	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan I (1C)	0.0013	U	0.0013	0.00069	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan II (1C)	0.0013	U	0.0013	0.00094	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan sulfate (1C)	0.0013	U	0.0013	0.00064	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endrin (1C)	0.0013	U	0.0013	0.00023	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endrin aldehyde (1C)	0.0013	U	0.0013	0.00052	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endrin ketone (1C)	0.0013	U	0.0013	0.00099	ug/L		06/25/26 22:07	07/01/26 08:59	1
Heptachlor (1C)	0.0013	U	0.0013	0.00045	ug/L		06/25/26 22:07	07/01/26 08:59	1
Heptachlor epoxide (1C)	0.0013	U	0.0013	0.00034	ug/L		06/25/26 22:07	07/01/26 08:59	1
Methoxychlor (1C)	0.0013	U	0.0013	0.00078	ug/L		06/25/26 22:07	07/01/26 08:59	1
Mirex (1C)	0.0013	U	0.0013	0.00047	ug/L		06/25/26 22:07	07/01/26 08:59	1
Toxaphene (1C)	0.10	U	0.10	0.049	ug/L		06/25/26 22:07	07/01/26 08:59	1
Endosulfan, Total (1C)	0.0026	U	0.0026	0.0010	ug/L		06/25/26 22:07	07/01/26 08:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr) (1C)	*96*		*11 - 150*	*06/25/26 22:07*	*07/01/26 08:59*	*1*
Tetrachloro-m-xylene (Surr) (2C)	*97*		*11 - 150*	*06/25/26 22:07*	*07/01/26 08:59*	*1*
DCB Decachlorobiphenyl (Surr) (1C)	*79*		*17 - 142*	*06/25/26 22:07*	*07/01/26 08:59*	*1*
DCB Decachlorobiphenyl (Surr) (2C)	*83*		*17 - 142*	*06/25/26 22:07*	*07/01/26 08:59*	*1*

Lab Sample ID: LCS 180-515476/4-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aldrin (2C)	0.0250	0.0241		ug/L		96	55 - 119
alpha-BHC (2C)	0.0250	0.0230		ug/L		92	56 - 123
beta-BHC (1C)	0.0250	0.0246		ug/L		99	49 - 116
delta-BHC (1C)	0.0250	0.0146		ug/L		58	44 - 110
gamma-BHC (Lindane) (2C)	0.0250	0.0241		ug/L		96	55 - 122
cis-Chlordane (2C)	0.0250	0.0240		ug/L		96	55 - 125
trans-Chlordane (2C)	0.0250	0.0257		ug/L		103	57 - 127
4,4'-DDD (2C)	0.0250	0.0248		ug/L		99	50 - 113
4,4'-DDE (2C)	0.0250	0.0235		ug/L		94	52 - 108
4,4'-DDT (2C)	0.0250	0.0304		ug/L		122	40 - 124
Dieldrin (2C)	0.0250	0.0237		ug/L		95	57 - 122
Endosulfan I (1C)	0.0250	0.0241		ug/L		96	46 - 142
Endosulfan II (2C)	0.0250	0.0244		ug/L		98	52 - 121
Endosulfan sulfate (2C)	0.0250	0.0233		ug/L		93	37 - 124
Endrin (1C)	0.0250	0.0255		ug/L		102	58 - 124

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 180-515476/4-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515476

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endrin aldehyde (2C)			0.0250	0.0270		ug/L		108	42 - 125		
Endrin ketone (2C)			0.0250	0.0280		ug/L		112	46 - 128		
Heptachlor (2C)			0.0250	0.0284		ug/L		113	53 - 131		
Heptachlor epoxide (2C)			0.0250	0.0247		ug/L		99	58 - 125		
Methoxychlor (2C)			0.0250	0.0322		ug/L		129	33 - 132		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr) (1C)	*91*		*11 - 150*
Tetrachloro-m-xylene (Surr) (2C)	*92*		*11 - 150*
DCB Decachlorobiphenyl (Surr) (1C)	*79*		*17 - 142*
DCB Decachlorobiphenyl (Surr) (2C)	*81*		*17 - 142*

Lab Sample ID: LCSD 180-515476/5-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515476

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin (2C)			0.0250	0.0248		ug/L		99	55 - 119	3	16
alpha-BHC (1C)			0.0250	0.0239		ug/L		96	56 - 123	4	15
beta-BHC (1C)			0.0250	0.0257		ug/L		103	49 - 116	4	18
delta-BHC (1C)			0.0250	0.0151		ug/L		60	44 - 110	4	19
gamma-BHC (Lindane) (2C)			0.0250	0.0251		ug/L		101	55 - 122	4	15
cis-Chlordane (2C)			0.0250	0.0250		ug/L		100	55 - 125	4	17
trans-Chlordane (2C)			0.0250	0.0269		ug/L		108	57 - 127	5	17
4,4'-DDD (2C)			0.0250	0.0267		ug/L		107	50 - 113	7	19
4,4'-DDE (2C)			0.0250	0.0249		ug/L		100	52 - 108	6	16
4,4'-DDT (1C)			0.0250	0.0304		ug/L		122	40 - 124	0	19
Dieldrin (2C)			0.0250	0.0258		ug/L		103	57 - 122	8	30
Endosulfan I (2C)			0.0250	0.0251		ug/L		100	46 - 142	4	26
Endosulfan II (2C)			0.0250	0.0270		ug/L		108	52 - 121	10	17
Endosulfan sulfate (2C)			0.0250	0.0257		ug/L		103	37 - 124	10	31
Endrin (2C)			0.0250	0.0278		ug/L		111	58 - 124	9	19
Endrin aldehyde (2C)			0.0250	0.0293		ug/L		117	42 - 125	8	29
Endrin ketone (2C)			0.0250	0.0306		ug/L		122	46 - 128	9	35
Heptachlor (2C)			0.0250	0.0292		ug/L		117	53 - 131	3	15
Heptachlor epoxide (2C)			0.0250	0.0256		ug/L		102	58 - 125	4	17
Methoxychlor (2C)			0.0250	0.0351	*+	ug/L		140	33 - 132	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr) (1C)	*95*		*11 - 150*
Tetrachloro-m-xylene (Surr) (2C)	*95*		*11 - 150*
DCB Decachlorobiphenyl (Surr) (1C)	*85*		*17 - 142*

Method: EPA 8081B LL - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 180-515476/5-A
Matrix: Water
Analysis Batch: 515650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515476

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (2C)	88		17 - 142

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 180-515476/1-A
Matrix: Water
Analysis Batch: 515649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016 (1C)	0.010	U	0.010	0.0048	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1221 (1C)	0.010	U	0.010	0.0057	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1232 (1C)	0.010	U	0.010	0.0052	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1242 (1C)	0.010	U	0.010	0.0036	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1248 (1C)	0.010	U	0.010	0.0080	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1254 (1C)	0.010	U	0.010	0.0046	ug/L		06/25/26 22:07	07/01/26 09:26	1
PCB-1260 (1C)	0.010	U	0.010	0.0039	ug/L		06/25/26 22:07	07/01/26 09:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr) (1C)	97		23 - 133	06/25/26 22:07	07/01/26 09:26	1
DCB Decachlorobiphenyl (Surr) (2C)	95		23 - 133	06/25/26 22:07	07/01/26 09:26	1
Tetrachloro-m-xylene (Surr) (1C)	65		20 - 133	06/25/26 22:07	07/01/26 09:26	1
Tetrachloro-m-xylene (Surr) (2C)	63		20 - 133	06/25/26 22:07	07/01/26 09:26	1

Lab Sample ID: LCS 180-515476/2-A
Matrix: Water
Analysis Batch: 515649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515476

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016 (1C)			1.00	0.475		ug/L		48	42 - 119		
PCB-1260 (2C)			1.00	0.836		ug/L		84	47 - 107		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	88		23 - 133
DCB Decachlorobiphenyl (Surr) (2C)	85		23 - 133
Tetrachloro-m-xylene (Surr) (1C)	59		20 - 133
Tetrachloro-m-xylene (Surr) (2C)	58		20 - 133

Lab Sample ID: LCSD 180-515476/3-A
Matrix: Water
Analysis Batch: 515649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515476

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016 (1C)			1.00	0.494		ug/L		49	42 - 119	4	23
PCB-1260 (2C)			1.00	0.890		ug/L		89	47 - 107	6	22

Method: EPA 8082A - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Lab Sample ID: LCSD 180-515476/3-A
Matrix: Water
Analysis Batch: 515649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 515476

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr) (1C)	91		23 - 133
DCB Decachlorobiphenyl (Surr) (2C)	86		23 - 133
Tetrachloro-m-xylene (Surr) (1C)	60		20 - 133
Tetrachloro-m-xylene (Surr) (2C)	58		20 - 133

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 410-845388/1-A
Matrix: Water
Analysis Batch: 846889

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 845388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	U	25	12	ug/L		07/06/26 09:38	07/06/26 18:28	1
Antimony	1.0	U	1.0	0.20	ug/L		07/06/26 09:38	07/06/26 18:28	1
Arsenic	2.0	U	2.0	0.68	ug/L		07/06/26 09:38	07/06/26 18:28	1
Barium	2.0	U	2.0	0.75	ug/L		07/06/26 09:38	07/06/26 18:28	1
Beryllium	0.50	U	0.50	0.12	ug/L		07/06/26 09:38	07/06/26 18:28	1
Cadmium	0.50	U	0.50	0.15	ug/L		07/06/26 09:38	07/06/26 18:28	1
Calcium	100	U	100	50	ug/L		07/06/26 09:38	07/06/26 18:28	1
Chromium	2.0	U	2.0	0.55	ug/L		07/06/26 09:38	07/06/26 18:28	1
Cobalt	0.50	U	0.50	0.16	ug/L		07/06/26 09:38	07/06/26 18:28	1
Copper	1.0	U	1.0	0.85	ug/L		07/06/26 09:38	07/06/26 18:28	1
Iron	50	U	50	20	ug/L		07/06/26 09:38	07/06/26 18:28	1
Lead	0.50	U	0.50	0.12	ug/L		07/06/26 09:38	07/06/26 18:28	1
Magnesium	50	U	50	16	ug/L		07/06/26 09:38	07/06/26 18:28	1
Manganese	2.0	U	2.0	1.2	ug/L		07/06/26 09:38	07/06/26 18:28	1
Nickel	1.0	U	1.0	0.40	ug/L		07/06/26 09:38	07/06/26 18:28	1
Potassium	200	U	200	65	ug/L		07/06/26 09:38	07/06/26 18:28	1
Selenium	1.0	U	1.0	0.28	ug/L		07/06/26 09:38	07/06/26 18:28	1
Silver	0.50	U	0.50	0.10	ug/L		07/06/26 09:38	07/06/26 18:28	1
Sodium	200	U	200	90	ug/L		07/06/26 09:38	07/06/26 18:28	1
Thallium	0.50	U	0.50	0.13	ug/L		07/06/26 09:38	07/06/26 18:28	1
Zinc	10	U	10	4.0	ug/L		07/06/26 09:38	07/06/26 18:28	1
Vanadium	4.0	U	4.0	0.79	ug/L		07/06/26 09:38	07/06/26 18:28	1

Lab Sample ID: LCS 410-845388/2-A
Matrix: Water
Analysis Batch: 846889

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 845388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	5200		ug/L		104	83 - 114
Antimony	100	107		ug/L		107	85 - 115
Arsenic	500	515		ug/L		103	86 - 111
Barium	500	533		ug/L		107	86 - 114
Beryllium	50.0	49.3		ug/L		99	80 - 120
Cadmium	50.0	50.2		ug/L		100	86 - 114

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

Lab Sample ID: LCS 410-845388/2-A
Matrix: Water
Analysis Batch: 846889

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 845388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	5000	5190		ug/L		104	84 - 113
Chromium	500	486		ug/L		97	84 - 113
Cobalt	500	537		ug/L		107	85 - 112
Copper	500	529		ug/L		106	86 - 111
Iron	5000	5080		ug/L		102	84 - 114
Lead	50.0	52.2		ug/L		104	86 - 114
Magnesium	5000	5240		ug/L		105	84 - 113
Manganese	500	516		ug/L		103	84 - 113
Nickel	500	512		ug/L		102	85 - 113
Potassium	5000	5270		ug/L		105	87 - 111
Selenium	100	104		ug/L		104	86 - 111
Silver	50.0	51.8		ug/L		104	88 - 116
Sodium	5000	5320		ug/L		106	84 - 114
Thallium	100	104		ug/L		104	86 - 113
Zinc	500	511		ug/L		102	86 - 112
Vanadium	500	516		ug/L		103	84 - 112

Lab Sample ID: MB 410-845411/1-A
Matrix: Water
Analysis Batch: 846032

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 845411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25	U	25	12	ug/L		07/02/26 09:14	07/02/26 19:14	1
Antimony	1.0	U	1.0	0.20	ug/L		07/02/26 09:14	07/02/26 19:14	1
Arsenic	2.0	U	2.0	0.68	ug/L		07/02/26 09:14	07/02/26 19:14	1
Barium	2.0	U	2.0	0.75	ug/L		07/02/26 09:14	07/02/26 19:14	1
Cadmium	0.50	U	0.50	0.15	ug/L		07/02/26 09:14	07/02/26 19:14	1
Calcium	100	U	100	50	ug/L		07/02/26 09:14	07/02/26 19:14	1
Chromium	2.0	U	2.0	0.55	ug/L		07/02/26 09:14	07/02/26 19:14	1
Cobalt	0.50	U	0.50	0.16	ug/L		07/02/26 09:14	07/02/26 19:14	1
Copper	1.0	U	1.0	0.85	ug/L		07/02/26 09:14	07/02/26 19:14	1
Iron	50	U	50	20	ug/L		07/02/26 09:14	07/02/26 19:14	1
Lead	0.50	U	0.50	0.12	ug/L		07/02/26 09:14	07/02/26 19:14	1
Magnesium	50	U	50	16	ug/L		07/02/26 09:14	07/02/26 19:14	1
Manganese	2.0	U	2.0	1.2	ug/L		07/02/26 09:14	07/02/26 19:14	1
Nickel	1.0	U	1.0	0.40	ug/L		07/02/26 09:14	07/02/26 19:14	1
Potassium	200	U	200	65	ug/L		07/02/26 09:14	07/02/26 19:14	1
Selenium	1.0	U	1.0	0.28	ug/L		07/02/26 09:14	07/02/26 19:14	1
Silver	0.50	U	0.50	0.10	ug/L		07/02/26 09:14	07/02/26 19:14	1
Sodium	200	U	200	90	ug/L		07/02/26 09:14	07/02/26 19:14	1
Thallium	0.50	U	0.50	0.13	ug/L		07/02/26 09:14	07/02/26 19:14	1
Zinc	10	U	10	4.0	ug/L		07/02/26 09:14	07/02/26 19:14	1
Vanadium	4.0	U	4.0	0.79	ug/L		07/02/26 09:14	07/02/26 19:14	1

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

Lab Sample ID: MB 410-845411/1-A
Matrix: Water
Analysis Batch: 846039

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 845411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.50	U	0.50	0.12	ug/L		07/02/26 09:14	07/02/26 21:20	1

Lab Sample ID: LCS 410-845411/2-A
Matrix: Water
Analysis Batch: 846032

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 845411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5000	5200		ug/L		104	83 - 114
Antimony	100	104		ug/L		104	85 - 115
Arsenic	500	508		ug/L		102	86 - 111
Barium	500	511		ug/L		102	86 - 114
Cadmium	50.0	52.6		ug/L		105	86 - 114
Calcium	5000	5140		ug/L		103	84 - 113
Chromium	500	510		ug/L		102	84 - 113
Cobalt	500	513		ug/L		103	85 - 112
Copper	500	509		ug/L		102	86 - 111
Iron	5000	5120		ug/L		102	84 - 114
Lead	50.0	54.0		ug/L		108	86 - 114
Magnesium	5000	5300		ug/L		106	84 - 113
Manganese	500	516		ug/L		103	84 - 113
Nickel	500	516		ug/L		103	85 - 113
Potassium	5000	5200		ug/L		104	87 - 111
Selenium	100	102		ug/L		102	86 - 111
Silver	50.0	55.2		ug/L		110	88 - 116
Sodium	5000	5250		ug/L		105	84 - 114
Thallium	100	103		ug/L		103	86 - 113
Zinc	500	527		ug/L		105	86 - 112
Vanadium	500	519		ug/L		104	84 - 112

Lab Sample ID: LCS 410-845411/2-A
Matrix: Water
Analysis Batch: 846039

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 845411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	50.0	46.5		ug/L		93	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 410-843692/14-A
Matrix: Water
Analysis Batch: 844805

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 843692

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 17:28	06/30/26 23:58	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 410-843692/15-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 844805
Prep Batch: 843692

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	1.05		ug/L		105	80 - 120		

Lab Sample ID: MB 410-843693/14-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 844805
Prep Batch: 843693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.087	ug/L		06/30/26 17:28	06/30/26 22:19	1

Lab Sample ID: LCS 410-843693/15-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 844805
Prep Batch: 843693

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	1.05		ug/L		105	80 - 120		

Method: EPA 7196A - Chromium, Hexavalent

Lab Sample ID: MB 180-515469/12
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	10	U	10	6.0	ug/L			06/25/26 16:37	1

Lab Sample ID: LCS 180-515469/13
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 515469

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			500	516		ug/L		103	85 - 115		

Lab Sample ID: 630-138167-24 MS
Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL
Matrix: MET, Total
Prep Type: Total/NA
Analysis Batch: 515469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	10	U F1	500	423		ug/L		85	85 - 115		

Lab Sample ID: 630-138167-24 MSD
Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL
Matrix: MET, Total
Prep Type: Total/NA
Analysis Batch: 515469

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	10	U F1	500	410	F1	ug/L		82	85 - 115	3	20

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Method: EPA 9014 - Cyanide

Lab Sample ID: MB 180-515501/4-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 515501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	10	U	10	8.0	ug/L		06/26/26 14:36	06/27/26 12:29	1

Lab Sample ID: HLCS 180-515501/2-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515501

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	250	248		ug/L		99	90 - 110

Lab Sample ID: LCS 180-515501/3-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	200	196		ug/L		98	85 - 115

Lab Sample ID: LLCS 180-515501/1-A
Matrix: Water
Analysis Batch: 515513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 515501

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	50.0	50.6		ug/L		101	90 - 110

QC Association Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

GC/MS Semi VOA

Prep Batch: 515477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	3520C	
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	3520C	
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	3520C	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	3520C	
MB 180-515477/1-A	Method Blank	Total/NA	Water	3520C	
LCS 180-515477/2-A	Lab Control Sample	Total/NA	Water	3520C	

Analysis Batch: 515605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8270E LL	515477
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8270E LL	515477
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8270E LL	515477
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8270E LL	515477
MB 180-515477/1-A	Method Blank	Total/NA	Water	EPA 8270E LL	515477
LCS 180-515477/2-A	Lab Control Sample	Total/NA	Water	EPA 8270E LL	515477

GC Semi VOA

Prep Batch: 515476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	3510C	
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	3510C	
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	3510C	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	3510C	
MB 180-515476/1-A	Method Blank	Total/NA	Water	3510C	
LCS 180-515476/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCS 180-515476/4-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 180-515476/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 180-515476/5-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 515649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8082A	515476
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8082A	515476
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8082A	515476
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8082A	515476
MB 180-515476/1-A	Method Blank	Total/NA	Water	EPA 8082A	515476
LCS 180-515476/2-A	Lab Control Sample	Total/NA	Water	EPA 8082A	515476
LCSD 180-515476/3-A	Lab Control Sample Dup	Total/NA	Water	EPA 8082A	515476

Analysis Batch: 515650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8081B LL	515476
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8081B LL	515476
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8081B LL	515476
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 8081B LL	515476
MB 180-515476/1-A	Method Blank	Total/NA	Water	EPA 8081B LL	515476
LCS 180-515476/4-A	Lab Control Sample	Total/NA	Water	EPA 8081B LL	515476
LCSD 180-515476/5-A	Lab Control Sample Dup	Total/NA	Water	EPA 8081B LL	515476

QC Association Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

GC Semi VOA

Analysis Batch: 515733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	PCB	
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	PCB	
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	PCB	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	PCB	

Metals

Prep Batch: 843692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	
MB 410-843692/14-A	Method Blank	Total/NA	Water	7470A	
LCS 410-843692/15-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 843693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	
MB 410-843693/14-A	Method Blank	Total/NA	Water	7470A	
LCS 410-843693/15-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 844805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	843693
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	843692
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	843692
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	7470A	843692
MB 410-843692/14-A	Method Blank	Total/NA	Water	7470A	843692
MB 410-843693/14-A	Method Blank	Total/NA	Water	7470A	843693
LCS 410-843692/15-A	Lab Control Sample	Total/NA	Water	7470A	843692
LCS 410-843693/15-A	Lab Control Sample	Total/NA	Water	7470A	843693

Prep Batch: 845388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	3005A	
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	3005A	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total Recoverable	MET, Total	3005A	
MB 410-845388/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-845388/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 845411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	3005A	
MB 410-845411/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 410-845411/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 846032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	6020B	845411
MB 410-845411/1-A	Method Blank	Total Recoverable	Water	6020B	845411
LCS 410-845411/2-A	Lab Control Sample	Total Recoverable	Water	6020B	845411

Metals

Analysis Batch: 846039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	6020B	845411
MB 410-845411/1-A	Method Blank	Total Recoverable	Water	6020B	845411
LCS 410-845411/2-A	Lab Control Sample	Total Recoverable	Water	6020B	845411

Analysis Batch: 846889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	6020B	845388
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	6020B	845388
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total Recoverable	MET, Total	6020B	845388
MB 410-845388/1-A	Method Blank	Total Recoverable	Water	6020B	845388
LCS 410-845388/2-A	Lab Control Sample	Total Recoverable	Water	6020B	845388

Analysis Batch: 848361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total Recoverable	MET, Total	6020B	845388

General Chemistry

Analysis Batch: 515469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 7196A	
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 7196A	
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 7196A	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 7196A	
MB 180-515469/12	Method Blank	Total/NA	Water	EPA 7196A	
LCS 180-515469/13	Lab Control Sample	Total/NA	Water	EPA 7196A	
630-138167-24 MS	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 7196A	
630-138167-24 MSD	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 7196A	

Prep Batch: 515501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	9010C	
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	9010C	
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	9010C	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	9010C	
MB 180-515501/4-A	Method Blank	Total/NA	Water	9010C	
HLCS 180-515501/2-A	Lab Control Sample	Total/NA	Water	9010C	
LCS 180-515501/3-A	Lab Control Sample	Total/NA	Water	9010C	
LLCS 180-515501/1-A	Lab Control Sample	Total/NA	Water	9010C	

Analysis Batch: 515513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 9014	515501
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 9014	515501
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 9014	515501
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	EPA 9014	515501
MB 180-515501/4-A	Method Blank	Total/NA	Water	EPA 9014	515501
HLCS 180-515501/2-A	Lab Control Sample	Total/NA	Water	EPA 9014	515501
LCS 180-515501/3-A	Lab Control Sample	Total/NA	Water	EPA 9014	515501
LLCS 180-515501/1-A	Lab Control Sample	Total/NA	Water	EPA 9014	515501

QC Association Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

General Chemistry

Analysis Batch: 515529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7196A	
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7196A	
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	Total/NA	MET, Total	7196A	
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	Total/NA	MET, Total	7196A	

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: SC-1 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-24

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Total/NA	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 19:54
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 09:54
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 09:44
Total/NA	Analysis	PCB		1	515733	SAB	EET PIT	07/01/26 09:44
Total Recoverable	Prep	3005A			845388	RFN5	ELLE	07/06/26 09:38
Total Recoverable	Analysis	6020B		1	846889	I9IN	ELLE	07/06/26 19:04
Total/NA	Prep	7470A			843693	HNC4	ELLE	06/30/26 17:28
Total/NA	Analysis	7470A		1	844805	HNC4	ELLE	06/30/26 23:44
Total/NA	Analysis	7196A		1	515529	PS1	EET PIT	07/09/26 23:21
Total/NA	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:39
Total/NA	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Total/NA	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 13:10

Client Sample ID: SC-2 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-26

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Total/NA	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 20:17
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 10:13
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 10:01
Total/NA	Analysis	PCB		1	515733	SAB	EET PIT	07/01/26 10:01
Total Recoverable	Prep	3005A			845388	RFN5	ELLE	07/06/26 09:38
Total Recoverable	Analysis	6020B		1	846889	I9IN	ELLE	07/06/26 19:02
Total Recoverable	Prep	3005A			845388	RFN5	ELLE	07/06/26 09:38
Total Recoverable	Analysis	6020B		1	848361	I9IN	ELLE	07/08/26 21:00
Total/NA	Prep	7470A			843692	HNC4	ELLE	06/30/26 17:28
Total/NA	Analysis	7470A		1	844805	HNC4	ELLE	07/01/26 01:03
Total/NA	Analysis	7196A		1	515529	PS1	EET PIT	07/09/26 23:21
Total/NA	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:43
Total/NA	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Total/NA	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 13:11

Lab Chronicle

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Client Sample ID: SC-3 COMPOSITE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-28

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Total/NA	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 20:39
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 10:31
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 10:18
Total/NA	Analysis	PCB		1	515733	SAB	EET PIT	07/01/26 10:18
Total Recoverable	Prep	3005A			845411	RFN5	ELLE	07/02/26 09:14
Total Recoverable	Analysis	6020B		1	846032	LHF4	ELLE	07/02/26 19:47
Total Recoverable	Prep	3005A			845411	RFN5	ELLE	07/02/26 09:14
Total Recoverable	Analysis	6020B		100	846039	LHF4	ELLE	07/02/26 21:40
Total/NA	Prep	7470A			843692	HNC4	ELLE	06/30/26 17:28
Total/NA	Analysis	7470A		1	844805	HNC4	ELLE	07/01/26 01:06
Total/NA	Analysis	7196A		1	515529	PS1	EET PIT	07/08/26 23:21
Total/NA	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:45
Total/NA	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Total/NA	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 13:13

Client Sample ID: C-4 DISCRETE ELUTRIATE TOTAL
Lab Sample ID: 630-138167-30

Date Collected: 06/25/26 07:30
Matrix: MET, Total
Date Received: 06/16/26 09:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3520C			515477	VJC	EET PIT	06/25/26 22:18
Total/NA	Analysis	EPA 8270E LL		1	515605	VVP	EET PIT	06/30/26 21:02
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8081B LL		1	515650	JMO	EET PIT	07/01/26 10:50
Total/NA	Prep	3510C			515476	VJC	EET PIT	06/25/26 22:07
Total/NA	Analysis	EPA 8082A		1	515649	JMO	EET PIT	07/01/26 10:36
Total/NA	Analysis	PCB		1	515733	SAB	EET PIT	07/01/26 10:36
Total Recoverable	Prep	3005A			845388	RFN5	ELLE	07/06/26 09:38
Total Recoverable	Analysis	6020B		1	846889	I9IN	ELLE	07/06/26 19:06
Total/NA	Prep	7470A			843692	HNC4	ELLE	06/30/26 17:28
Total/NA	Analysis	7470A		1	844805	HNC4	ELLE	07/01/26 01:09
Total/NA	Analysis	7196A		1	515529	PS1	EET PIT	07/09/26 23:21
Total/NA	Analysis	EPA 7196A		1	515469	RAO	EET PIT	06/25/26 16:49
Total/NA	Prep	9010C			515501	RAO	EET PIT	06/26/26 14:36
Total/NA	Analysis	EPA 9014		1	515513	RAO	EET PIT	06/27/26 13:13

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, [redacted]

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, [redacted]

Accreditation/Certification Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-27

Laboratory: Eurofins Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA005	06-30-27

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP PA 005. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
7196A		MET, Total	Cr (III)
EPA 8081B LL	3510C	MET, Total	Endosulfan, Total (1C)
EPA 8270E LL	3520C	MET, Total	Cresols, Total
EPA 9014	9010C	MET, Total	Cyanide, Total
PCB		MET, Total	Polychlorinated biphenyls, Total

Method Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Method	Method Description	Protocol	Laboratory
EPA 8270E LL	Semivolatile Organic Compounds (GC/MS)	SW846	EET PIT
EPA 8081B LL	Organochlorine Pesticides (GC)	SW846	EET PIT
EPA 8082A	Polychlorinated Biphenyls (PCBs) (GC)	SW846	EET PIT
PCB	Total PCB Calculation	TAL SOP	EET PIT
6020B	Metals (ICP/MS)	SW846	ELLE
7470A	Mercury (CVAA)	SW846	ELLE
7196A	Chromium, Trivalent (Colorimetric)	SW846	EET PIT
EPA 7196A	Chromium, Hexavalent	SW846	EET PIT
EPA 9014	Cyanide	SW846	EET PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PIT
3520C	Liquid-Liquid Extraction (Continuous)	SW846	EET PIT
7470A	Preparation, Mercury	SW846	ELLE
9010C	Cyanide, Distillation	SW846	EET PIT

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET PIT = Eurofins Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, [redacted]

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, [redacted]

Sample Summary

Client: ST Hudson Engineers
Job ID: 630-138167-3
Project/Site: DRBA Lewes Ferry Terminal - Elutriate - Total

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
630-138167-24	SC-1 COMPOSITE ELUTRIATE TOTAL	MET, Total	06/25/26 07:30	06/16/26 09:49	New Jersey
630-138167-26	SC-2 COMPOSITE ELUTRIATE TOTAL	MET, Total	06/25/26 07:30	06/16/26 09:49	New Jersey
630-138167-28	SC-3 COMPOSITE ELUTRIATE TOTAL	MET, Total	06/25/26 07:30	06/16/26 09:49	New Jersey
630-138167-30	C-4 DISCRETE ELUTRIATE TOTAL	MET, Total	06/25/26 07:30	06/16/26 09:49	New Jersey

630 10512

eurofins | Drinking Water and Wastewater Northeast, LLC

795 Horsham Road
Horsham, PA 19044

CHAIN OF CUSTODY

Page 1 of 1

Lab | LAB 630-138167 Chain of Custody

Bill to/Report to (if different)

Sampling Site Address (if different) Include State: DRBA LEWES FERRY TERMINAL

Client/Acct. No. / Address: 900 Ducley Ave

City/State/Zip: Cherry Hill, NJ, 08002

Phone/Fax

Client Contact: Clare Mueller

P.O. No. PWSID#:

Quote#

e-mail:

___ Ascorbic/HCL Vials # ___ HCl Vials
___ $Na_2S_2O_3$
___ NaOH/Znacetate
2 HNO_3 250 pl
___ H_2SO_4
2 NaOH 250 pl
___ Unpreserved 4-Amb Qt, 10-250 Amb
___ HCl # ___ NH_4Cl # ___ MeOH
___ DI Water

MATRIX CODES

N: DRINKING WATER
GW: GROUND WATER
WW: WASTEWATER
SO: SOIL
SL: SLUDGE
OIL: OIL
SOL: NON SOIL SOLID
MI: MISCELLANEOUS
X: OTHER

Field pH, Temp (°C), DO, C12, Cond, etc.

LAB USE ONLY

PROJECT / FIELD ID	Collection Date	Collection Military Time	GRAB	COMP	Matrix Code	Number of Containers Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	UNPRE	BACT	ANALYSIS REQUESTED
C-1	6/10	11:15													Grain Size, TOC, % Solids
C-2	6/10	11:52													
C-3		1:41													
C-4		12:34													
C-5		1:26													
C-6		10:56													
C-7		12:39													
C-8		1:13													
SW	6/10	3:00													8270, 8081, 8082, TAL Metals, CN
FB	6/11	8:41													

SAMPLED BY: (Name/Company) S.T. Hudson Eng Inc Clare Mueller

TAT: ☐ STANDARD (10 DAY) or DUE DATE ___/___/___

Report Format: ☐ Standard ☐ NJ-RDD ☐ SRP-RDD ☐ Standard + QC ☐ Forms ☐ EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By: Initials | Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, IE. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY / SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME
1. Clare Mueller	6/11	845	1.	6/11	0846
2.	6/11	1723	2.	DATE	TIME
3.	DATE	TIME	3.	DATE	TIME
4.	DATE	TIME	4.	DATE	TIME
5.	DATE	TIME	5.	DATE	TIME

DELIVERY: ☑ FEDEX COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER ___

Custody Seal Number

Rec'd Temp.: ___ Initials: ___ Ice Y / N Location: ___

COMMENTS:

Hazardous: yes / no

63010512

eurofins | Drinking Water and Wastewater Northeast, LLC

795 Horsham Road
Horsham, PA 19044
[redacted]

CHAIN OF CUSTODY

Page 2 of ___

Lab LIMS No: Loc: 630 **138167**

LAB USE ONLY:

Bill to/Report to (if different)

Sampling Site Address (if different) Include State

Client/Acct. No. ST HUDSON
Address
City/State/Zip
Phone/Fax
Client Contact:

DRBA LEWES FERRY TERMINAL

P.O. No. PWSID#:
Quote#
e-mail:

___ Ascorbic/HCl Vials
___ $Na_2S_2O_3$ _____
___ NaOH/Znacetate _____
___ HNO_3 _____
___ H_2SO_4 _____
___ NaOH _____
___ Unpreserved
___ HCl # ___ NH_4Cl # ___ MeOH
___ DI Water

MATRIX CODES: DW: DRINKING WATER; GW: GROUND WATER; WW: WASTEWATER; SO: SOIL; SL: SLUDGE; OIL: OIL; SOL: NON SOIL SOLID; MI: MISCELLANEOUS; X: OTHER

PROJECT Comps / Elutriates

LAB USE ONLY	FIELD ID	Collection Date	Collection Military Time	GRAB	COMP	Matrix Code	Number of Containers: Total	H_2SO_4	HCl	Vials	HNO_3	NaOH	ZnAc	UNPRE	BACT	ANALYSIS REQUESTED	Field pH, Temp (°C), DO, C12, Cond, etc.
	SC-1 Composite (C1 + C2)	6/16/26	1110		✓											Grain Size, TOC, % Solids, 8270,	
	SC-2 Composite (C3 + C7)	6/16/26	1148		✓											8081, 8082, TAL Metals, CN,	
	SC-3 Composite (C5 + C6 + C8)	6/16/26	1216		✓											CeC, Ce3	
	C-4 - Discrete (see page)	6/10/26	1234	✓													
																Modified Elutriate - TOTAL + Dissolved:	
	SC-1 Composite - Elutriate	6/16/26	1110		✓												
	SC-2 Composite - Elutriate	6/16/26	1148		✓											8270, 8081, 8082, CN,	
	SC-3 Composite - Elutriate	6/16/26	1216		✓											TAL Metals, CeC, Ce3	
	C-4 Discrete - Elutriate	6/10/26	1234	✓													

SAMPLED BY: (Name/Company)

TAT : ☐ STANDARD (10 DAY) or DUE DATE ___/___/___

Report Format: ☐ Standard ☐ NJ-RDD ☐ SRP-RDD ☐ Standard + QC ☐ Forms ☐ EDD

Please call for pricing and availability for rush (<10 day) turnaround and for all but standard reporting format.

Field Parameters Analyzed By: Initials | Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, IE. 8AM IS 0800, 4 PM IS 1600)

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME
1.			1.		
RELINQUISHED BY 2.	DATE	TIME	RECEIVED BY 2.	DATE	TIME
RELINQUISHED BY 3.	DATE	TIME	RECEIVED BY 3.	DATE	TIME
RELINQUISHED BY 4.	DATE	TIME	RECEIVED BY 4.	DATE	TIME
RELINQUISHED BY 5.	DATE	TIME	RECEIVED BY 5.	DATE	TIME

DELIVERY: ☐ EETP COURIER ☐ CLIENT ☐ UPS ☐ FEDEX ☐ OTHER _____ Custody Seal Number

Rec'd Temp.: _____ Initials: _____ Ice Y / N Location: ____
COMMENTS:

Hazardous: yes / no

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 54.95 LB
CAD: 265788972/CAFE4004
DIMS: 24x16x14 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238
[redacted]
REF:
PO:
DEPT:

Uncorrected temp 5.6 °C
Thermometer ID 28
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2669
THU - 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA
15238
PA-US PIT

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 40.00 LB
CAD: 265788972/CAFE4004
DIMS: 18x16x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238
[redacted]
REF:
PO:
DEPT:

Uncorrected temp 2.9 °C
Thermometer ID 28
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2658
THU - 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA
15238
PA-US PIT

630-138167 Waybill



ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 59.20 LB
CAD: 265788972/CAFE4004
DIMS: 25x14x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

[redacted] REF:
PO: DEPT:

Uncorrected temp 21.1 °C
Thermometer ID 28
No Ice
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2680

THU – 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

ORIGIN ID:SEGA [redacted]
EUROFINS ENVIRON TESTING PHILA LLC
795 HORSHAM ROAD
HORSHAM, PA 19044
UNITED STATES US

SHIP DATE: 17JUN26
ACTWGT: 56.45 LB
CAD: 265788972/CAFE4004
DIMS: 25x14x13 IN
BILL SENDER

TO SAMPLE RECEIVING
EUROFINS PITTSBURGH
301 ALPHA DR

PITTSBURGH PA 15238

[redacted] REF:
INV: PO: DEPT:

Uncorrected temp 21.4 °C
Thermometer ID 28
No Ice
CF -0.3 Initials MR
PT-WI-SR-001 effective 7/26/13

FedEx Express

TRK# 0201 4881 3411 2670

THU – 18 JUN 10:30A
PRIORITY OVERNIGHT

NP AGCA

15238
PA-US PIT

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/FIELD_FLTRDDissolved TAL Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE DISSOLVED (630-138167-31)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE DISSOLVED (630-138167-32)	6/25/26	08:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE DISSOLVED (630-138167-33)	6/25/26	08:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE DISSOLVED (630-138167-34)	6/25/26	09:00 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 6/25/26 1300	Company: EEE	Received by:	Date/Time: 6/25/26 1410	Company: ECLE
Relinquished by:	Date/Time: 6/25/26 1946	Company: ECLE	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 6/25/26 1946	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558508.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-3
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/14/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Elutriate - Total	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B/3005ATAL Metals	7470A/7470A_PrepMercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SC-1 COMPOSITE ELUTRIATE TOTAL (630-138167-24)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-2 COMPOSITE ELUTRIATE TOTAL (630-138167-26)	6/25/26	07:30 Eastern	G	Water			X	X	1	
SC-3 COMPOSITE ELUTRIATE TOTAL (630-138167-28)	6/25/26	07:30 Eastern	G	Water			X	X	1	
C-4 DISCRETE ELUTRIATE TOTAL (630-138167-30)	6/25/26	07:30 Eastern	G	Water			X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:	
Relinquished by:	Date/Time: 6/25/26 1300	Company: EEL	Received by:	Date/Time: 6/25/26 1410	Company: EEL	
Relinquished by:	Date/Time: 6/25/26 1946	Company: EEL	Received by:	Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 6/25/26 1946	Company:	
Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: R: 2.5 C: 2.6			

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin [redacted]	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A		State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Discrete	Project #: 63010512			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Sesolid, Dwaste/oil, BTeTissue, AnAir)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Lloyd_Kahn:Lloyd Kahn TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X		X	
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	6/30/26 14:00	EATN	[signature]	6/30/26 1420	ELLE
2	[signature]	6/30/26 1850	ELLE			
3				[signature]	6/30/26 1850	ELLE

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☑ Yes ☐ No		3.0/3.5

Ver: 03/20/2026

Eurofins Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
[redacted]

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Dougherty, Erin	Carrier Tracking No(s): N/A	COC No: 180-558675.1
Client Contact: Shipping/Receiving	Phone: N/A	[redacted]	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 630-138167-2
Address: 2425 New Holland Pike, ,	Due Date Requested: 7/1/2026	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
[redacted]	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: DRBA Lewes Ferry Terminal - Composites, Discrete	Project #: 63010512			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	D422/Grain Size w/ Hydrometer	2540G/Moisture Content	Moisture(MOD) Percent Moisture	6020B/3050BTAL Metals	7471B/7471B_PrepMercury	7196A/3060A Chromium, Hexavalent	7196A_CR3/Chromium, Trivalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SC-1 COMPOSITE (C1+C2) (630-138167-18)	6/16/26	11:10 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-2 COMPOSITE (C3+C7) (630-138167-20)	6/16/26	11:48 Eastern	G	Solid			X	X	X	X	X	X	X	1	
SC-3 COMPOSITE (C5+C6+C8) (630-138167-22)	6/16/26	12:16 Eastern	G	Solid			X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Pittsburgh places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Pittsburgh laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Pittsburgh attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Pittsburgh.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	James J. Hinkelman	6/30/26 14:00	EPHNE	[signature]	6/30/26 1420	ELLE
2	[signature]	6/30/26 1850	ELLE			
3				[signature]	6/30/26 1850	

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
☑ Yes ☐ No		3.0/3.5

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-3

Login Number: 138167

List Number: 1

Creator: Kurz, Chris

List Source: EurofinsPhiladelphia

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-3

Login Number: 138167
List Number: 2
Creator: Cyms, Carolyn M

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/16/26 03:06 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-3

Login Number: 138167
List Number: 4
Creator: Williams, Peter

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 06/26/26 10:20 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: ST Hudson Engineers

Job Number: 630-138167-3

Login Number: 138167
List Number: 3
Creator: Rucker, Keenyn J

List Source: Eurofins Pittsburgh
List Creation: 06/18/26 01:15 PM

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

SECTION 9

PREVIOUS PERMIT
FILE FC 2011.0043

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENTAL CONTROL
OFFICE OF THE SECRETARY

DELAWARE COASTAL MANAGEMENT PROGRAM

5 E. REED STREET, SUITE 201
DOVER, DELAWARE 19901

[redacted]

July 14, 2011

Bruce Pringle
S.T. Hudson Engineers, Inc.
840 Cooper Street
Fourth Floor
Camden, New Jersey 08102

RE: Delaware Coastal Management Program Federal Consistency Determination
Lewes Ferry Terminal Maintenance Dredging (FC 2011.0043)

Dear Mr. Pringle:

The Delaware Coastal Management Program (DCMP) has reviewed your consistency determination request for the above mentioned project. Based upon our review and pursuant to National Oceanic & Atmospheric Administration regulations (15 CFR 930), the DCMP concurs with your consistency determination to mechanically dredge to a depth of 11 ft below MLLW, removing approximately 57,780 cubic yards of material during four dredge cycles, the Lewes Ferry Terminal in Lewes, DE in the Delaware Bay.

This concurrence is conditioned upon the following:

1) Dredging Restrictions: The proposed activity is in an area utilized summer/winter founder, species are of local and regional concern. The protection of spawning areas and nursery habitats during the spawning season is important in maintaining these fisheries resources. As such, all dredging activity should be scheduled to avoid spawning activity and should not be conducted from January 1 to August 30. (DCMP Policies 5.11.1.1 and 5.11.2.1);

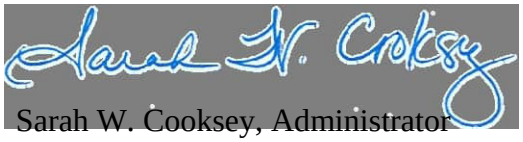
2) Water Quality: Dredging and dewatering shall be conducted in a manner such that Delaware Surface Water Quality Standards will not be violated, excluding whatever

temporary and minimal turbidity is unavoidable when using sound dredging and dewatering practices. (DCMP Policies 5.3.1.4, 5.3.1.6, and 5.3.2.7); and

3) The issuance of all required permits/authorizations and adherence to the restrictions and/or conditions placed on any and all permits/authorizations issued to the applicant for this project.

If you have any questions, please contact me or Bonnie Arvay of my staff at [redacted].

Sincerely,

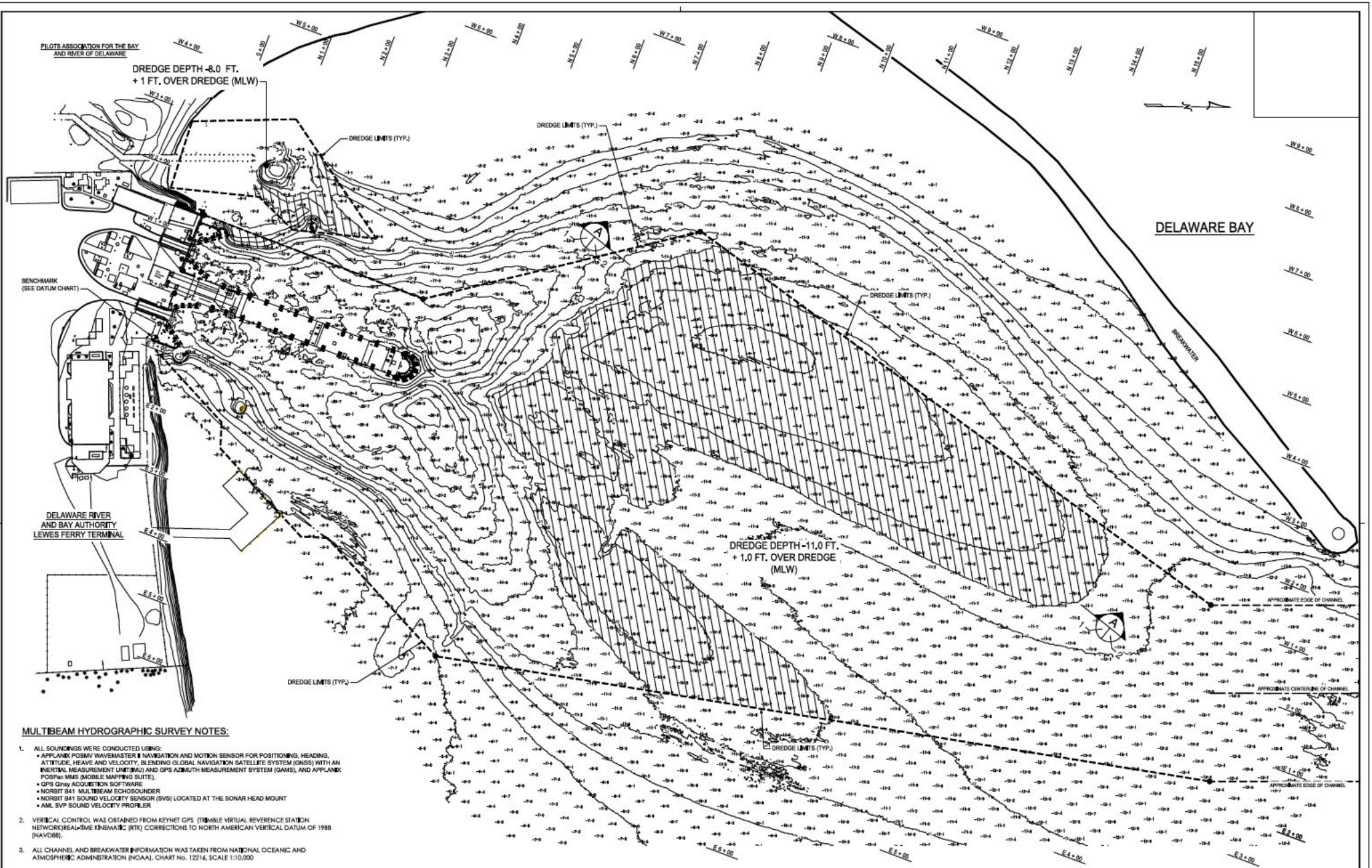


Sarah W. Cooksey, Administrator
Delaware Coastal Management Program

cc: File 2011.0043
Joanne Lee – DNREC/DW

SECTION 10

PERMIT DRAWINGS



MULTIBEAM HYDROGRAPHIC SURVEY NOTES:

1. ALL SOUNDINGS WERE CONDUCTED USING:
   - APPLANIX POSMV WAVEMASTER II NAVIGATION AND MOTION SENSOR FOR POSITIONING, HEADING, ATTITUDE, HEAVE AND VELOCITY, BLENDING GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) WITH AN INERTIAL MEASUREMENT UNIT(IMU) AND GPS AZIMUTH MEASUREMENT SYSTEM (GAMS), AND APPLANIX POSPac MMS (MOBILE MAPPING SUITE).
   - QPS Qinsy ACQUISITION SOFTWARE
   - NORBIT 841 MULTIBEAM ECHOSOUNDER
   - NORBIT 841 SOUND VELOCITY SENSOR (SVS) LOCATED AT THE SONAR HEAD MOUNT
   - AML SVP SOUND VELOCITY PROFILER
2. VERTICAL CONTROL WAS OBTAINED FROM KEYNET GPS (TRIMBLE VIRTUAL REVERENCE STATION NETWORK)REAL-TIME KINEMATIC (RTK) CORRECTIONS TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
3. ALL CHANNEL AND BREAKWATER INFORMATION WAS TAKEN FROM NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA), CHART No. 12216, SCALE 1:10,000
4. SOUNDINGS WERE TAKEN ON MONDAY MARCH 9, 2026.
5. THE DECIMAL POINT (.) INDICATES THE SOUNDING LOCATION.
6. SOUNDINGS ARE REFERENCED TO MEAN LOW WATER (MLW) AND EXPRESSED IN FEET AND TENTHS OF A FOOT.
7. CONTOURS WERE INTERPOLATED WITH TRIMBLE NAVIGATION LIMITED SOFTWARE, TERRAMODEL VERSION 10.61.
8. CROSS HATCHING INDICATES AREA ABOVE SPECIFIED DREDGE DEPTH
9. THE INFORMATION DEPICTED IN THIS DRAWING REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
10. TOP OF S.S.P. AT STATION E1+00 OBTAINED FROM HISTORICAL DRAWINGS. (NOT VERIFIED)

DATUM CHART

TOP OF S.S.P. @ E 1+00 EL. 10.58 MLW	
HIGH TIDE LINE (HTL)	+5.44'
MEAN HIGH WATER (MHW)	+5.00'
NAVD 88	+2.79'
MEAN LOW WATER (MLW)	0.0

10.58

2.79'

SURVEY PLAN

1" = 60'-0"

0 60 120 180

ADJACENT PROPERTY OWNERS:

1. CAPE HENELOPEN STATE PARK
2. JOHNNIE WALKER BEACH

TOTAL DREDGE AREA = 416,137 SQUARE FEET

TOTAL DREDGE VOLUME = 50,945 CUBIC YARDS (INCLUDING +1' OVER DREDGE MLW)

PERMIT APPLICATION

NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION, AND THIS DRAWING IS FOR PERMIT PURPOSES ONLY.

PROPOSED: MAINTENANCE DREDGING

AT: LEWES FERRY TERMINAL

COUNTY OF: SUSSEX

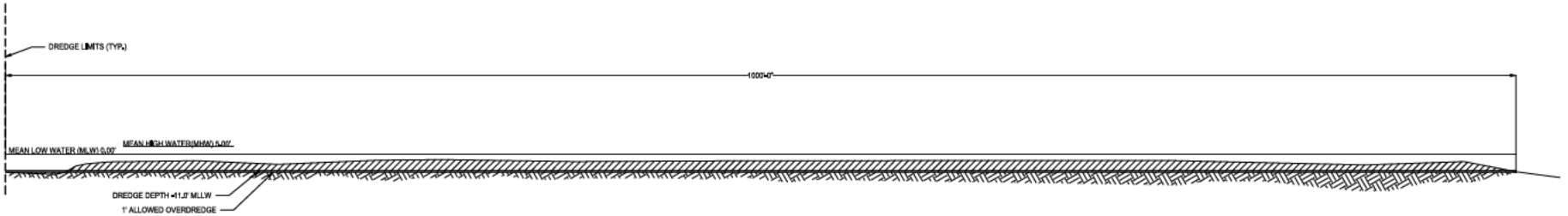
APPLICATION BY: DELAWARE RIVER & BAY AUTHORITY

S.T. HUDSON ENGINEERS, INC.
PROFESSIONAL ENGINEERS & CONSULTANTS
900 Dudley Avenue
Cherry Hill, N.J. 08002
[redacted]

seal

P.E. LICENSE No.

drawn	DJD	date 9/10/2026	dwg. no. 1 of 2	rev. 0
contract	26-073	file D-1608		



SECTION
1" = 30'-0"

A 1 2

0 30 60 90

DATUM CHART

TOP OF S.S.P. @ E 1+00 EL. 10.58 MLW		
HIGH TIDE LINE (HTL)	+5.44'	10.58'
MEAN HIGH WATER (MHW)	+5.00'	
NAVD 88	+2.79'	2.79'
MEAN LOW WATER (MLW)	0.0	

seal

P.E. LICENSE No.

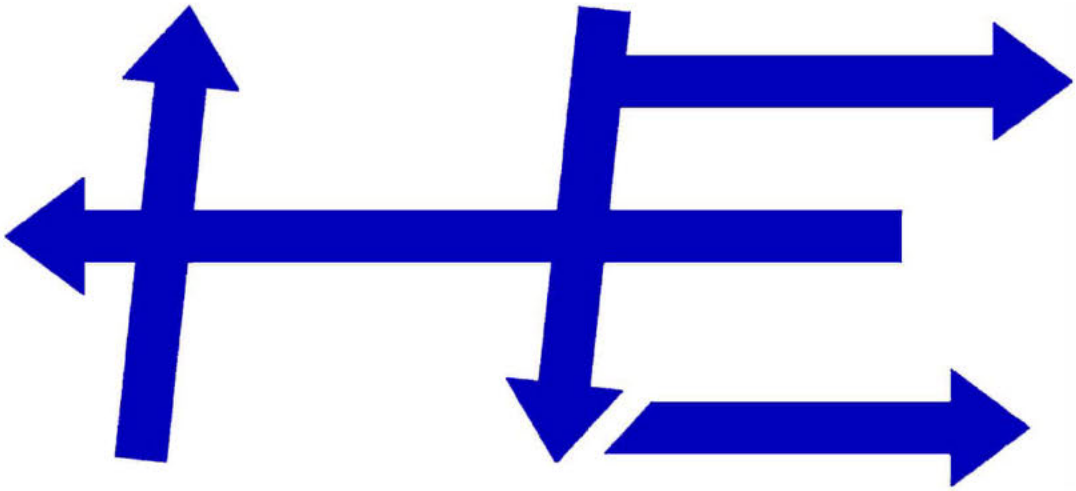
PERMIT APPLICATION

NOTE: FINAL DESIGN REQUIRED FOR CONSTRUCTION, AND THIS DRAWING IS FOR PERMIT PURPOSES ONLY.

PROPOSED: MAINTENANCE DREDGING
AT: LEWES FERRY TERMINAL
COUNTY OF: SUSSEX
APPLICATION BY: DELAWARE RIVER & BAY AUTHORITY

S.T. HUDSON ENGINEERS, INC.
PROFESSIONAL ENGINEERS & CONSULTANTS
900 Dudley Avenue
Cherry Hill, N.J. 08002
[redacted]

drawn	DJD	date	9/10/2026	dwg. no.	rev.
contract	26-073	file	D-1608	2 of 2	0



S.T. HUDSON ENGINEERS, INC.

PROFESSIONAL ENGINEERS & CONSULTANTS

900 Dudley Avenue, Cherry Hill, New Jersey 08002

Visit Our Website at www.STHE.com

STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WATERSHED & LAND MANAGEMENT
Mail Code 501-02A, P.O. Box 420, Trenton, New Jersey 08625-0420
Telephone: [redacted] or Fax: [redacted]
dep.nj.gov/wlm/

PERMIT

In accordance with the laws and regulations of the State of New Jersey, the Department of Environmental Protection hereby grants this permit to perform the activities described below. This permit is revocable with due cause and is subject to the terms, conditions, and limitations listed below and on the attached pages. For the purpose of this document, "permit" means "approval, certification, registration, authorization, waiver, etc." Violation of any term, condition, or limitation of this permit is a violation of the implementing rules and may subject the permittee to enforcement action.

Approval Date
10/9/2026

Expiration Date
10/8/2031

Permit Number(s):	**Type of Approval(s):**	**Governing Rule(s):**
0000-11-0002.1 CDT260001	Water Quality Certificate Acceptable Use Determination	N.J.A.C. 7:7-1.1(a) N.J.S.A. 58:10A N.J.S.A 12:5-3

Permittee:

Brian Lutes
PO Box 71
New Castle, DE 19720

Site Location:

Block(s) & Lot(s): [N/A, N/A]
Municipality: Logan Twp
County: Gloucester

Description of Authorized Activities:

This document authorizes the maintenance dredging of the Delaware River & Bay Authority's (DRBA) facility located along the Delaware Bay in Lewes, Delaware. The total amount of material authorized to be dredged is 50,945 cubic yards with a dredging depth of -11 feet below mean low water (MLW) with -1 foot of overdredge, and -8 feet below MLW with -1 foot of overdredge at the C-4 discrete core location. Dredging is authorized to occur through mechanical means using a closed-clamshell environmental bucket. The dredge material will be taken to and managed by Weeks Marine Whites Basin material management facility located in Logan Township, Gloucester County, New Jersey.

All construction shall conform to the requirements, conditions and limitations of this permit and all approved drawings.

This permit is authorized under and in compliance with the Rules on Coastal Zone Management, N.J.A.C. 7:7-1.1 et seq., as last amended on September 21, 2026.

Prepared by:

Tim Holstrom

Received and/or Recorded by County Clerk:

If the permittee undertakes any regulated activity, project, or development authorized under this permit, such action shall constitute the permittee's acceptance of the permit in its entirety as well as the permittee's agreement to abide by the requirements of the permit and all conditions therein.

This permit is not valid unless authorizing signature appears on the last page.

STANDARD CONDITIONS:

1. **Extent of approval**:

    a. This document grants permission to perform certain activities that are regulated by the State of New Jersey. The approved work is described by the text of this permit and is further detailed by the approved drawings listed herein. All work must conform to the requirements, conditions and limitations of this permit and all approved drawings.
    b. If you alter the project without prior approval, or expand work beyond the description of this permit, you may be in violation of State law and may be subject to fines and penalties. Approved work may be altered only with the prior written approval of the Department.
    c. You must keep a copy of this permit and all approved drawings readily available for inspection at the work site.

2. **Acceptance of permit**: If you begin any activity approved by this permit, you thereby accept this document in its entirety, and the responsibility to comply with the terms and conditions. If you do not accept or agree with this document in its entirety, do not begin construction. You are entitled to request an appeal within a limited time as detailed in the attached Administrative Hearing Request Checklist and Tracking Form.

3. **Notice of construction**: You must notify the Department in writing prior to beginning any work approved by this permit.

4. **Expiration date**: All activities authorized by this permit must be completed by the expiration date shown on the first page unless otherwise extended by the Division. At that time, this permit will automatically become invalid and none of the approved work may begin or continue until a replacement permit is granted. (Some permits may qualify for an extension of the expiration date. Please contact the Department for further information.)

5. **Rights of the State**:

    a. This permit is revocable and subject to modification by the State with due cause.
    b. Representatives from the State have the statutory authority to enter and inspect this site to confirm compliance with this permit and may suspend construction or initiate enforcement action if work does not comply with this permit.
    c. This permit does not grant property rights. The issuance of this permit shall not affect any action by the State on future applications, nor affect the title or ownership of property, nor make the State a party in any suit or question of ownership.

6. **Other responsibilities:** You must obtain all necessary local, Federal and other State approvals before you begin work.

CONSISTENCY DETERMINATION AND WATER QUALITY CERTIFICATE:

The Rules on Coastal Zone Management (N.J.A.C. 7:7) constitute New Jersey's enforceable policies under its federally approved Coastal Zone Management Program. This maintenance dredging project has been reviewed for consistency with the Rules on Coastal Zone Management, and for potential water quality impacts.

Based on the information provided in the application, the Office of Dredging and Sediment Technology hereby certifies that the subject project is consistent with the Rules on Coastal Zone Management and has determined that the project is not likely to cause a violation of New Jersey's Surface Water Quality Standards (N.J.A.C. 7:9B-1.1 et seq.), provided that the specific conditions noted below are met. Therefore, this consistency determination includes the State's Water Quality Certification pursuant to Section 401 of the federal Water Pollution Control Act (33 USC 1251 et seq.) subject to specific conditions listed below.

This determination and certification are contingent upon compliance with the following conditions:

1. Prior to the initiation of dredging the permittee shall receive United States Army Corps of Engineering authorization for the project. A copy of said authorization shall be forwarded to this office upon receipt.

2. To minimize impacts to migrating and spawning of anadromous fish, in water work or sediment generating disturbance is prohibited from **March 15** through **May 31** of each year in accordance with the Delaware Basin Fish and Wildlife Management Cooperative, as currently modified.

3. Dredging shall be limited to a project depth of eleven feet below mean low water (-11'), and eight feet below mean low water (-8') at the C-4 discrete core location. One foot (1') of allowable overdredge is authorized for all areas.

4. Sediment sampling shall be required prior to each subsequent dredging event. See Acceptable Use Determination Condition No. 3 below.

5. Dredging shall occur using a closed clamshell environmental bucket.

6. The dredge shall be operated so as to control the rate of descent of the bucket so as to maximize the vertical cut of the clamshell bucket while not penetrating the sediment beyond the vertical dimension of the open bucket (i.e. overfilling the bucket). This will reduce the amount of free water in the dredged material, will avoid overfilling the bucket, and minimize the number of dredge bucket cycles needed to complete the dredging contract.

7. All barges or scows used to hold, or transport dredged material and/or decant water shall be of solid hull construction or be sealed with concrete.

8. Dredged material shall be deliberately placed within barges in order to prevent spillage of material overboard.

9. The discharge (i.e. "overflow") of water from the barge/scow into which dredged material is placed is prohibited.

10. The gunwales of the dredge scows shall not be rinsed or hosed during dredging except to the extent necessary to ensure the safety of workers maneuvering on the dredge scows.

11. Pre- and post-dredge surveys shall be performed for each dredging event. The results of these surveys and a calculation of the quantity of dredged material removed shall be submitted to the Office of Dredging and Sediment Technology within ninety (90) days of completion of each dredging event.

12. Violations of any of the conditions of this Water Quality Certificate will be considered violation of the New Jersey Water Pollution Control Act, NJSA 58:1-A-1 et seq., and subject to the penalties included therein.

ACCEPTABLE USE DETERMINATION:

1. The in-situ volume of sediment to be dredged for this maintenance dredging project is fifty thousand nine hundred and forty-five cubic yards (50,945 yds^3) based on the hydrographic survey dated March 9th, 2026.

2. This permit authorizes the placement of fifty thousand nine hundred and forty-five cubic yards (50,945 yds^3) of dredged material at the Weeks Marine, Inc. Whites Rehandling Basin located in Logan Township, Gloucester County, in accordance with the letter of acceptance dated September 10th, 2026. Subsequently, the dredged material will be hydraulically pumped into one of the adjacent upland confined disposal facilities (Area 1 or Area II) for final placement. This quantity is approximated based on existing hydrographic surveys and anticipated sedimentation rates. Actual volumes will be calculated by pre- and post-dredge surveys.

3. Subsequent maintenance dredging events may be authorized under this permit subject to the following conditions:

    a. Written authorization for each subsequent maintenance dredging event, in the form of a minor technical modification to this Acceptable Use Determination, must be obtained from the Office of Dredging and Sediment Technology prior to said event.

    b. Requests for authorization for subsequent maintenance dredging events shall include the following:

        i. Sediment sampling results obtained in accordance with a sampling plan approved by the Office of Dredging and Sediment Technology;
        ii. Current hydrographic survey including a calculation of the quantity of sediment to be dredged; and
        iii. Written consent from the proposed dredged material management site to accept the specified quantity of dredged material.

4. Any alternate disposal/use location must obtain all required state, local and federal permits.

APPROVED PLAN(S):

The drawing(s) hereby approved consist of 1 sheet prepared by Anthony J. DePasquale, dated 9/10/2026, last revised 9/14/2026, and entitled:

"PERMIT APPLICATION, MAINTENANCE DREDGING, LEWES FERRY TERMINAL, SUSSEX, DELAWARE RIVER & BAY AUTHORITY"

- **"SURVEY PLAN"** Page 1 of 1.

APPEAL OF DECISION:

Any person who is aggrieved by this decision may submit an adjudicatory hearing request within 30 calendar days after public notice of the decision is published in the DEP Bulletin (available at https://dep.nj.gov/bulletin/). If a person submits the hearing request after this time, the Department shall deny the request. The hearing request must include a completed copy of the Administrative Hearing Request Checklist (available at https://dep.nj.gov/wlm/forms/). A person requesting an adjudicatory hearing shall submit the original hearing request to: NJDEP Office of Administrative Hearings and Dispute Resolution, Attention: Adjudicatory Hearing Requests, Mail Code 401-07A, P.O. Box 420, 401 East State Street, 7th Floor, Trenton, NJ 08625-0420. Additionally, a copy of the hearing request shall be submitted to the Director of Watershed & Land Management at the address listed on page one of this contested decision. In addition to your hearing request, you may file a request with the Office of Administrative Hearings and Dispute Resolution to engage in alternative dispute resolution. Please see https://dep.nj.gov/oahdr/ for more information on this process.

If you need clarification on any section of this permit or conditions, please contact Watershed & Land Management's Coastal Bureau Line at [redacted].

Approved By:

_____

Stephen Mitchell, Environmental Specialist 3
Watershed & Land Management

c: Municipal Clerk, Logan Twp
Municipal Construction Official, Logan Twp
Agent (original) – Clare Mueller