

SUB DATA PACKAGE

PROJECT NAME : AE1-CTY 3.2.Z-PR-DOCK-DES-ODC - 60693795-1719206

AECOM

605 3rd Avenue

29th Floor

New York, NY - 10158

Phone No: 212-973-2900

ORDER ID : Q3425

ATTENTION : Rob Forstner



Cover Page

Order ID : Q3425

Project ID : AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Client : AECOM

Lab Sample Number

Q3425-01
Q3425-02
Q3425-03

Client Sample Number

PR132-DP3-20251021
PR132-S11-010080-20251021
PR132-S14-000094-20251021

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:23 pm, Dec 02, 2025

Date: 11/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Yazmeen Gomez
Chemtech Consulting Group Inc.
284 Sheffield Street
Mountainside, New Jersey 07092

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JOB DESCRIPTION

AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

JOB NUMBER

410-249403-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Barbara Weyandt, Project Manager
Barbara.Weyandt@et.eurofinsus.com
(717)556-7264

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Barb Weyandt

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Definitions/Glossary

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Qualifiers

Dioxin

Qualifier	Qualifier Description
cn	Refer to Case Narrative for further detail
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Case Narrative

Client: Chemtech Consulting Group Inc.
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Job ID: 410-249403-1

Eurofins Lancaster Laboratories Environment

Job Narrative 410-249403-1

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 10/24/2025 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

Dioxin

Method 8290A: The following samples were diluted due to the nature of the sample matrix: PR132-S11-010080-20251021 (410-249403-2) and PR132-S14-000094-20251021 (410-249403-3). Elevated reporting limits (RLs) are provided.

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.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Client Sample ID: PR132-DP3-20251021

Lab Sample ID: 410-249403-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	570		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	200		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDD	6.0	J	11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	34		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	13		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	40		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	14		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDD	10	J I	11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	10	J	11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	19		11	4.4	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	13		11	4.4	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	22		11	4.4	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	45		2.2	0.44	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	28		2.2	1.3	ng/Kg	1	✱	8290A	Total/NA
OCDD	4500		33	29	ng/Kg	1	✱	8290A	Total/NA
OCDF	400		22	11	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	1300		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	440		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	300		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	250		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	80	I	11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	440		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	100		2.2	0.44	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	650		2.2	1.3	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: PR132-S11-010080-20251021

Lab Sample ID: 410-249403-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	960	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	410	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	66	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	23	J cn	50	20	ng/Kg	5	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	64	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	25	J cn	50	20	ng/Kg	5	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	29	J cn	50	20	ng/Kg	5	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	25	J cn	50	20	ng/Kg	5	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	39	J cn	50	20	ng/Kg	5	✱	8290A	Total/NA
2,3,7,8-TCDD	160	cn	9.9	2.0	ng/Kg	5	✱	8290A	Total/NA
2,3,7,8-TCDF	46	cn	9.9	6.0	ng/Kg	5	✱	8290A	Total/NA
OCDD	7600	cn	150	130	ng/Kg	5	✱	8290A	Total/NA
OCDF	850	cn	99	50	ng/Kg	5	✱	8290A	Total/NA
Total HpCDD	2200	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
Total HpCDF	860	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
Total HxCDD	540	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
Total HxCDF	470	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
Total PeCDD	82	I cn	50	20	ng/Kg	5	✱	8290A	Total/NA
Total PeCDF	640	cn	50	20	ng/Kg	5	✱	8290A	Total/NA
Total TCDD	190	cn	9.9	2.0	ng/Kg	5	✱	8290A	Total/NA
Total TCDF	1100	cn	9.9	6.0	ng/Kg	5	✱	8290A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Chemtech Consulting Group Inc.

Job ID: 410-249403-1

Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-S14-000094-20251021

Lab Sample ID: 410-249403-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	470	cn	51	21	ng/Kg	5	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	160	cn	51	21	ng/Kg	5	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	31	J cn	51	21	ng/Kg	5	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	32	J cn	51	21	ng/Kg	5	✱	8290A	Total/NA
2,3,7,8-TCDD	55	cn	10	2.1	ng/Kg	5	✱	8290A	Total/NA
2,3,7,8-TCDF	29	cn	10	6.2	ng/Kg	5	✱	8290A	Total/NA
OCDD	3500	cn	150	140	ng/Kg	5	✱	8290A	Total/NA
OCDF	320	cn	100	51	ng/Kg	5	✱	8290A	Total/NA
Total HpCDD	1100	cn	51	21	ng/Kg	5	✱	8290A	Total/NA
Total HpCDF	360	cn	51	21	ng/Kg	5	✱	8290A	Total/NA
Total HxCDD	310	cn	51	21	ng/Kg	5	✱	8290A	Total/NA
Total HxCDF	160	cn	51	21	ng/Kg	5	✱	8290A	Total/NA
Total PeCDD	97	I cn	51	21	ng/Kg	5	✱	8290A	Total/NA
Total PeCDF	290	cn	51	21	ng/Kg	5	✱	8290A	Total/NA
Total TCDD	110	cn	10	2.1	ng/Kg	5	✱	8290A	Total/NA
Total TCDF	470	cn	10	6.2	ng/Kg	5	✱	8290A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Client Sample ID: PR132-DP3-20251021

Lab Sample ID: 410-249403-1

Date Collected: 10/21/25 09:20

Matrix: Solid

Date Received: 10/24/25 09:40

Percent Solids: 44.1

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	570		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,4,6,7,8-HpCDF	200		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,4,7,8-HxCDD	6.0	J	11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,4,7,8-HxCDF	34		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,4,7,8,9-HpCDF	13		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,6,7,8-HxCDD	40		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,6,7,8-HxCDF	14		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,7,8-PeCDD	10	J I	11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,7,8-PeCDF	10	J	11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,7,8,9-HxCDD	19		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
1,2,3,7,8,9-HxCDF	ND		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
2,3,4,6,7,8-HxCDF	13		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
2,3,4,7,8-PeCDF	22		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
2,3,7,8-TCDD	45		2.2	0.44	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
2,3,7,8-TCDF	28		2.2	1.3	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
OCDD	4500		33	29	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
OCDF	400		22	11	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total HpCDD	1300		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total HpCDF	440		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total HxCDD	300		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total HxCDF	250		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total PeCDD	80	I	11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total PeCDF	440		11	4.4	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total TCDD	100		2.2	0.44	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1
Total TCDF	650		2.2	1.3	ng/Kg	✱	11/25/25 18:31	12/01/25 14:08	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	62		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,4,6,7,8-HpCDF	59		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,4,7,8-HxCDD	63		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,4,7,8-HxCDF	59		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,4,7,8,9-HpCDF	63		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,6,7,8-HxCDD	61		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,6,7,8-HxCDF	59		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,7,8-PeCDD	59		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,7,8-PeCDF	61		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,7,8,9-HxCDD	62		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-1,2,3,7,8,9-HxCDF	61		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-2,3,4,6,7,8-HxCDF	61		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-2,3,4,7,8-PeCDF	63		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-2,3,7,8-TCDD	61		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-2,3,7,8-TCDF	58		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-OCDD	60		40 - 135	11/25/25 18:31	12/01/25 14:08	1
13C-OCDF	59		40 - 135	11/25/25 18:31	12/01/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	55.9		1.0	1.0	%			10/28/25 00:48	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Client Sample ID: PR132-S11-010080-20251021

Lab Sample ID: 410-249403-2

Date Collected: 10/21/25 09:15

Matrix: Solid

Date Received: 10/24/25 09:40

Percent Solids: 48.9

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	960	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,4,6,7,8-HpCDF	410	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,4,7,8-HxCDD	ND	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,4,7,8-HxCDF	66	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,4,7,8,9-HpCDF	23	J cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,6,7,8-HxCDD	64	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,6,7,8-HxCDF	25	J cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,7,8-PeCDD	ND	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,7,8-PeCDF	ND	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,7,8,9-HxCDD	29	J cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
1,2,3,7,8,9-HxCDF	ND	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
2,3,4,6,7,8-HxCDF	25	J cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
2,3,4,7,8-PeCDF	39	J cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
2,3,7,8-TCDD	160	cn	9.9	2.0	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
2,3,7,8-TCDF	46	cn	9.9	6.0	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
OCDD	7600	cn	150	130	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
OCDF	850	cn	99	50	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total HpCDD	2200	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total HpCDF	860	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total HxCDD	540	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total HxCDF	470	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total PeCDD	82	I cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total PeCDF	640	cn	50	20	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total TCDD	190	cn	9.9	2.0	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5
Total TCDF	1100	cn	9.9	6.0	ng/Kg	✱	11/25/25 18:31	12/01/25 14:59	5

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	75	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,4,6,7,8-HpCDF	72	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,4,7,8-HxCDD	76	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,4,7,8-HxCDF	74	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,4,7,8,9-HpCDF	78	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,6,7,8-HxCDD	76	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,6,7,8-HxCDF	74	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,7,8-PeCDD	74	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,7,8-PeCDF	79	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,7,8,9-HxCDD	78	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-1,2,3,7,8,9-HxCDF	79	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-2,3,4,6,7,8-HxCDF	76	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-2,3,4,7,8-PeCDF	79	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-2,3,7,8-TCDD	77	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-2,3,7,8-TCDF	76	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-OCDD	78	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5
13C-OCDF	76	cn	40 - 135	11/25/25 18:31	12/01/25 14:59	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	51.1		1.0	1.0	%			10/28/25 00:48	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Client Sample ID: PR132-S14-000094-20251021

Lab Sample ID: 410-249403-3

Date Collected: 10/21/25 09:25

Matrix: Solid

Date Received: 10/24/25 09:40

Percent Solids: 48.0

Method: SW846 8290A - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	470	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,4,6,7,8-HpCDF	160	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,4,7,8-HxCDD	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,4,7,8-HxCDF	31	J cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,4,7,8,9-HpCDF	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,6,7,8-HxCDD	32	J cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,6,7,8-HxCDF	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,7,8-PeCDD	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,7,8-PeCDF	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,7,8,9-HxCDD	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
1,2,3,7,8,9-HxCDF	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
2,3,4,6,7,8-HxCDF	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
2,3,4,7,8-PeCDF	ND	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
2,3,7,8-TCDD	55	cn	10	2.1	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
2,3,7,8-TCDF	29	cn	10	6.2	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
OCDD	3500	cn	150	140	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
OCDF	320	cn	100	51	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total HpCDD	1100	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total HpCDF	360	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total HxCDD	310	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total HxCDF	160	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total PeCDD	97	I cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total PeCDF	290	cn	51	21	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total TCDD	110	cn	10	2.1	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5
Total TCDF	470	cn	10	6.2	ng/Kg	✱	11/25/25 18:31	12/01/25 15:51	5

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	81	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,4,6,7,8-HpCDF	79	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,4,7,8-HxCDD	74	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,4,7,8-HxCDF	74	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,4,7,8,9-HpCDF	83	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,6,7,8-HxCDD	75	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,6,7,8-HxCDF	76	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,7,8-PeCDD	73	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,7,8-PeCDF	79	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,7,8,9-HxCDD	78	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-1,2,3,7,8,9-HxCDF	80	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-2,3,4,6,7,8-HxCDF	75	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-2,3,4,7,8-PeCDF	79	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-2,3,7,8-TCDD	72	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-2,3,7,8-TCDF	71	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-OCDD	86	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5
13C-OCDF	85	cn	40 - 135	11/25/25 18:31	12/01/25 15:51	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	52.0		1.0	1.0	%			10/28/25 00:48	1

Eurofins Lancaster Laboratories Environment Testing, LLC

Isotope Dilution Summary

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Method: 8290A - Dioxins and Furans (HRGC/HRMS)

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	HpCDD (40-135)	HpCDF (40-135)	HxCDD (40-135)	HxCDF (40-135)	HpCDF2 (40-135)	HxDD (40-135)	HxDF (40-135)	PeCDD (40-135)
410-249403-1	PR132-DP3-20251021	62	59	63	59	63	61	59	59
410-249403-2	PR132-S11-010080-20251021	75 cn	72 cn	76 cn	74 cn	78 cn	76 cn	74 cn	74 cn
410-249403-3	PR132-S14-000094-20251021	81 cn	79 cn	74 cn	74 cn	83 cn	75 cn	76 cn	73 cn
LCS 410-735653/2-A	Lab Control Sample	96	86	86	80	97	88	83	70
MB 410-735653/1-A	Method Blank	86	81	77	73	85	76	73	52

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PeCDF (40-135)	13CHxCD (40-135)	HxCF (40-135)	13CHxCF (40-135)	PeCF (40-135)	TCDD (40-135)	TCDF (40-135)	OCDD (40-135)
410-249403-1	PR132-DP3-20251021	61	62	61	61	63	61	58	60
410-249403-2	PR132-S11-010080-20251021	79 cn	78 cn	79 cn	76 cn	79 cn	77 cn	76 cn	78 cn
410-249403-3	PR132-S14-000094-20251021	79 cn	78 cn	80 cn	75 cn	79 cn	72 cn	71 cn	86 cn
LCS 410-735653/2-A	Lab Control Sample	66	93	85	84	70	59	64	95
MB 410-735653/1-A	Method Blank	50	81	76	75	56	55	55	86

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OCDF (40-135)							
410-249403-1	PR132-DP3-20251021	59							
410-249403-2	PR132-S11-010080-20251021	76 cn							
410-249403-3	PR132-S14-000094-20251021	85 cn							
LCS 410-735653/2-A	Lab Control Sample	91							
MB 410-735653/1-A	Method Blank	81							

Surrogate Legend

HpCDD = 13C-1,2,3,4,6,7,8-HpCDD
 HpCDF = 13C-1,2,3,4,6,7,8-HpCDF
 HxCDD = 13C-1,2,3,4,7,8-HxCDD
 HxCDF = 13C-1,2,3,4,7,8-HxCDF
 HpCDF2 = 13C-1,2,3,4,7,8,9-HpCDF
 HxDD = 13C-1,2,3,6,7,8-HxCDD
 HxDF = 13C-1,2,3,6,7,8-HxCDF
 PeCDD = 13C-1,2,3,7,8-PeCDD
 PeCDF = 13C-1,2,3,7,8-PeCDF
 13CHxCD = 13C-1,2,3,7,8,9-HxCDD
 HxCF = 13C-1,2,3,7,8,9-HxCDF
 13CHxCF = 13C-2,3,4,6,7,8-HxCDF
 PeCF = 13C-2,3,4,7,8-PeCDF
 TCDD = 13C-2,3,7,8-TCDD
 TCDF = 13C-2,3,7,8-TCDF
 OCDD = 13C-OCDD
 OCDF = 13C-OCDF

QC Sample Results

Client: Chemtech Consulting Group Inc.

Job ID: 410-249403-1

Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Method: 8290A - Dioxins and Furans (HRGC/HRMS)

Lab Sample ID: MB 410-735653/1-A

Matrix: Solid

Analysis Batch: 736227

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 735653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,4,6,7,8-HpCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,4,7,8-HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,4,7,8-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,4,7,8,9-HpCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,6,7,8-HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,6,7,8-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,7,8-PeCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,7,8-PeCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,7,8,9-HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
1,2,3,7,8,9-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
2,3,4,6,7,8-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
2,3,4,7,8-PeCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
2,3,7,8-TCDD	ND		1.0	0.20	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
2,3,7,8-TCDF	ND		1.0	0.60	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
OCDD	ND		15	13	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
OCDF	ND		10	5.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total HpCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total HpCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total PeCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total PeCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total TCDD	ND		1.0	0.20	ng/Kg		11/25/25 18:31	11/30/25 19:36	1
Total TCDF	ND		1.0	0.60	ng/Kg		11/25/25 18:31	11/30/25 19:36	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	86		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,4,6,7,8-HpCDF	81		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,4,7,8-HxCDD	77		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,4,7,8-HxCDF	73		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,4,7,8,9-HpCDF	85		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,6,7,8-HxCDD	76		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,6,7,8-HxCDF	73		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,7,8-PeCDD	52		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,7,8-PeCDF	50		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,7,8,9-HxCDD	81		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-1,2,3,7,8,9-HxCDF	76		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-2,3,4,6,7,8-HxCDF	75		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-2,3,4,7,8-PeCDF	56		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-2,3,7,8-TCDD	55		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-2,3,7,8-TCDF	55		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-OCDD	86		40 - 135	11/25/25 18:31	11/30/25 19:36	1
13C-OCDF	81		40 - 135	11/25/25 18:31	11/30/25 19:36	1

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Method: 8290A - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 410-735653/2-A

Matrix: Solid

Analysis Batch: 736227

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 735653

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3,4,6,7,8-HpCDD	100	98.6		ng/Kg		99	79 - 129
1,2,3,4,6,7,8-HpCDF	100	104		ng/Kg		104	80 - 128
1,2,3,4,7,8-HxCDD	100	96.7		ng/Kg		97	79 - 134
1,2,3,4,7,8-HxCDF	100	105		ng/Kg		105	79 - 128
1,2,3,4,7,8,9-HpCDF	100	101		ng/Kg		101	80 - 127
1,2,3,6,7,8-HxCDD	100	96.4		ng/Kg		96	78 - 131
1,2,3,6,7,8-HxCDF	100	102		ng/Kg		102	80 - 128
1,2,3,7,8-PeCDD	100	104		ng/Kg		104	77 - 137
1,2,3,7,8-PeCDF	100	101		ng/Kg		101	77 - 140
1,2,3,7,8,9-HxCDD	100	95.8		ng/Kg		96	80 - 130
1,2,3,7,8,9-HxCDF	100	105		ng/Kg		105	79 - 127
2,3,4,6,7,8-HxCDF	100	103		ng/Kg		103	80 - 128
2,3,4,7,8-PeCDF	100	105		ng/Kg		105	79 - 135
2,3,7,8-TCDD	20.0	20.9		ng/Kg		104	76 - 136
2,3,7,8-TCDF	20.0	21.1		ng/Kg		106	76 - 133
OCDD	200	199		ng/Kg		100	79 - 132
OCDF	200	194		ng/Kg		97	79 - 129

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C-1,2,3,4,6,7,8-HpCDD	96		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	86		40 - 135
13C-1,2,3,4,7,8-HxCDD	86		40 - 135
13C-1,2,3,4,7,8-HxCDF	80		40 - 135
13C-1,2,3,4,7,8,9-HpCDF	97		40 - 135
13C-1,2,3,6,7,8-HxCDD	88		40 - 135
13C-1,2,3,6,7,8-HxCDF	83		40 - 135
13C-1,2,3,7,8-PeCDD	70		40 - 135
13C-1,2,3,7,8-PeCDF	66		40 - 135
13C-1,2,3,7,8,9-HxCDD	93		40 - 135
13C-1,2,3,7,8,9-HxCDF	85		40 - 135
13C-2,3,4,6,7,8-HxCDF	84		40 - 135
13C-2,3,4,7,8-PeCDF	70		40 - 135
13C-2,3,7,8-TCDD	59		40 - 135
13C-2,3,7,8-TCDF	64		40 - 135
13C-OCDD	95		40 - 135
13C-OCDF	91		40 - 135

QC Association Summary

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Specialty Organics

Prep Batch: 735653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249403-1	PR132-DP3-20251021	Total/NA	Solid	HRMS-Soxtherm	
410-249403-2	PR132-S11-010080-20251021	Total/NA	Solid	HRMS-Soxtherm	
410-249403-3	PR132-S14-000094-20251021	Total/NA	Solid	HRMS-Soxtherm	
MB 410-735653/1-A	Method Blank	Total/NA	Solid	HRMS-Soxtherm	
LCS 410-735653/2-A	Lab Control Sample	Total/NA	Solid	HRMS-Soxtherm	

Analysis Batch: 736227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-735653/1-A	Method Blank	Total/NA	Solid	8290A	735653
LCS 410-735653/2-A	Lab Control Sample	Total/NA	Solid	8290A	735653

Analysis Batch: 737025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249403-1	PR132-DP3-20251021	Total/NA	Solid	8290A	735653
410-249403-2	PR132-S11-010080-20251021	Total/NA	Solid	8290A	735653
410-249403-3	PR132-S14-000094-20251021	Total/NA	Solid	8290A	735653

General Chemistry

Analysis Batch: 720568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249403-1	PR132-DP3-20251021	Total/NA	Solid	Moisture	
410-249403-2	PR132-S11-010080-20251021	Total/NA	Solid	Moisture	
410-249403-3	PR132-S14-000094-20251021	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Client Sample ID: PR132-DP3-20251021

Lab Sample ID: 410-249403-1

Date Collected: 10/21/25 09:20

Matrix: Solid

Date Received: 10/24/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720568	USWF	ELLE	10/28/25 00:48

Client Sample ID: PR132-DP3-20251021

Lab Sample ID: 410-249403-1

Date Collected: 10/21/25 09:20

Matrix: Solid

Date Received: 10/24/25 09:40

Percent Solids: 44.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735653	SA8Q	ELLE	11/25/25 18:31
Total/NA	Analysis	8290A		1	737025	TJK2	ELLE	12/01/25 14:08

Client Sample ID: PR132-S11-010080-20251021

Lab Sample ID: 410-249403-2

Date Collected: 10/21/25 09:15

Matrix: Solid

Date Received: 10/24/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720568	USWF	ELLE	10/28/25 00:48

Client Sample ID: PR132-S11-010080-20251021

Lab Sample ID: 410-249403-2

Date Collected: 10/21/25 09:15

Matrix: Solid

Date Received: 10/24/25 09:40

Percent Solids: 48.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735653	SA8Q	ELLE	11/25/25 18:31
Total/NA	Analysis	8290A		5	737025	TJK2	ELLE	12/01/25 14:59

Client Sample ID: PR132-S14-000094-20251021

Lab Sample ID: 410-249403-3

Date Collected: 10/21/25 09:25

Matrix: Solid

Date Received: 10/24/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720568	USWF	ELLE	10/28/25 00:48

Client Sample ID: PR132-S14-000094-20251021

Lab Sample ID: 410-249403-3

Date Collected: 10/21/25 09:25

Matrix: Solid

Date Received: 10/24/25 09:40

Percent Solids: 48.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735653	SA8Q	ELLE	11/25/25 18:31
Total/NA	Analysis	8290A		5	737025	TJK2	ELLE	12/01/25 15:51

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Eurofins Lancaster Laboratories Environment Testing, LLC

Accreditation/Certification Summary

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

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 York	NELAP	10670	04-01-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8290A	HRMS-Soxtherm	Solid	Total HpCDD
8290A	HRMS-Soxtherm	Solid	Total HpCDF
8290A	HRMS-Soxtherm	Solid	Total HxCDD
8290A	HRMS-Soxtherm	Solid	Total HxCDF
8290A	HRMS-Soxtherm	Solid	Total PeCDD
8290A	HRMS-Soxtherm	Solid	Total PeCDF
8290A	HRMS-Soxtherm	Solid	Total TCDD
8290A	HRMS-Soxtherm	Solid	Total TCDF
Moisture		Solid	Percent Moisture

Method Summary

Client: Chemtech Consulting Group Inc.

Job ID: 410-249403-1

Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Method	Method Description	Protocol	Laboratory
8290A	Dioxins and Furans (HRGC/HRMS)	SW846	ELLE
Moisture	Percent Moisture	EPA	ELLE
HRMS-Soxtherm	Soxtherm Extraction	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Chemtech Consulting Group Inc.
Project/Site: AE1-CTY
3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-249403-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-249403-1	PR132-DP3-20251021	Solid	10/21/25 09:20	10/24/25 09:40	New York
410-249403-2	PR132-S11-010080-20251021	Solid	10/21/25 09:15	10/24/25 09:40	New York
410-249403-3	PR132-S14-000094-20251021	Solid	10/21/25 09:25	10/24/25 09:40	New York

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- 14
- 15



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
WWW.CHEMTECH.NET



410-249403 Chain of Custody

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION		CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION	
COMPANY : EUROFINS Lancaster Laboratories		ORDER ID : Q3425		BILL TO: CHEMTECH PO# : Q3425	
ADDRESS : 2425 New Holland Pike		PROJECT ID:AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1		ADDRESS : 284, Sheffield Street	
CITY:Lancaster State :PA ZIP :17601		PROJECT MANAGER YAZMEEN		CITY: Mountainside State : NJ ZIP : 07092	
E-mail :		E-mail : YAZMEEN.GOMEZ@AllianceTG.com		ATTENTION :YAZMEE	
PHONE :717-693-5814		PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922	

EDD : EQUIS	Report : NYS ASP A	Comment : NY. GRABS
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ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	PR132-DP3-20251021	Solld	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:20:00	1	10
02	PR132-S11-010080-20251021	Solld	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:15:00	1	10
03	PR132-S14-000094-20251021	Solid	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:25:00	1	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY				
RELINQUISHED BY SAMPLER:	DATETIME:	RECEIVED BY:	Conditions of bottles or Coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp _____ Ice or Cooler? _____	
1.	10/22/25	1.		
RELINQUISHED BY:	DATETIME:	RECEIVED BY:		
2.		2.		
RELINQUISHED BY:	DATETIME:	RECEIVED BY:	Page 1 of 1 ☐ OVERNIGHT ☐ OVERNIGHT Shipment Complete: ☐ YES ☐ NO	
3.	10/24/25	3.		

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM
ADDRESS: 605 3rd Ave
CITY New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner
PHONE: 212-377-8721 FAX:

PROJECT NAME: Port Richmond
PROJECT NO.: 60693795 LOCATION: Staten Isl
PROJECT MANAGER: Rob Forstner
e-mail: Robert.Forstner@aecom.com
PHONE: 212-377-8721 FAX:

BILL TO: AECOM PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Rob Forstner PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☒ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1. SVOCs
2. Pesticides TCL
3. Mercury Metals
4. PCBs Hexachloro
5. Dioxin
6. Grain Size
7. TOCs
8. VOCs
9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	PR132-DP3-202S1021	S		X	10/21	9:20	11	X	X	X	X	X	X	X	X		
2.	PR132-S11-010080-202S1021	S		X	10/21	9:15	11	X	X	X	X	X	X	X	X		
3.	PR132-S14-000094-202S1021	S		X	10/21	9:25	11	X	X	X	X	X	X	X	X		
4.	Temp Blank	A			10/21		1	X	X	X	X	X	/		X		
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Jim Alderson</u>	DATE/TIME: <u>10/21/25 4:30</u>	RECEIVED BY: <u>[Signature]</u> <u>1635</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.0</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: <u>[Signature]</u>	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>10-21-25</u>	RECEIVED BY: <u>[Signature]</u>	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 410-249403-1

Login Number: 249403

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Knoedler, Christine M

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?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	