284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

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 : Q3377

ATTENTION : Rob Forstner

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q3377

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

Client : AECOM

Lab Sample Number	Client Sample Number
Q3377-01	PR132-S09-000051-20251017
Q3377-02	PR132-S07-000102-20251017
Q3377-03	PR132-S07-102116-20251017
Q3377-04	PR132-COMP03-20251017
Q3377-05	Q3377-02MS
Q3377-06	Q3377-02MSD

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 4:56 pm, Dec 02, 2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/2/2025 3:38:58 PM

JOB DESCRIPTION

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

JOB NUMBER

410-248196-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

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

Barb Weyandt

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12/2/2025 3:38:58 PM

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.

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.

Table of Contents

Client: Chemtech Consulting Group Inc. Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Qualifiers

Dioxin

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
B	Compound was found in the blank and sample.
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

Job ID: 410-248196-1 Eurofins Lancaster Laboratories Environment

Job Narrative
410-248196-1

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 10/21/2025 10:10 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 0.4°C.

Receipt Exceptions
The container count for the following sample did not match what was listed on the Chain-of-Custody (COC): PR132-S07-000102-20251017 (410-248196-2).
The laboratory received 2 total containers, while the COC lists 1 total containers.

Dioxin
Method 1613B: The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit: PR132-S09-000051-20251017 (410-248196-1) and PR132-S07-000102-20251017 (410-248196-2). Signal-to-noise ratios are within recommended limits.

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: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-S09-000051-20251017
Lab Sample ID: 410-248196-1

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	340	B cn	8.8	0.47	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	130	B cn	8.8	0.44	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8-HxCDF	22	cn	8.8	0.31	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8,9-HpCDF	7.5	J B cn	8.8	0.46	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDD	28	B cn	8.8	0.45	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDF	8.2	J I B cn	8.8	0.30	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDD	4.6	J B cn	8.8	0.079	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDF	6.8	J cn	8.8	0.14	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDD	11	B cn	8.8	0.34	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDF	2.4	J B cn	8.8	0.25	ng/Kg	1	☼	1613B	Total/NA
2,3,4,6,7,8-HxCDF	8.7	J B cn	8.8	0.23	ng/Kg	1	☼	1613B	Total/NA
2,3,4,7,8-PeCDF	13	B cn	8.8	0.12	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDD	26	cn	1.8	0.11	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDF	16	cn	1.8	0.21	ng/Kg	1	☼	1613B	Total/NA
OCDD	2900	B cn	26	0.22	ng/Kg	1	☼	1613B	Total/NA
OCDF	210	B cn	18	0.14	ng/Kg	1	☼	1613B	Total/NA
Total HpCDD	800	B cn	8.8	0.47	ng/Kg	1	☼	1613B	Total/NA
Total HpCDF	270	B cn	8.8	0.45	ng/Kg	1	☼	1613B	Total/NA
Total HxCDD	170	B cn	8.8	0.42	ng/Kg	1	☼	1613B	Total/NA
Total HxCDF	120	I B cn	8.8	0.27	ng/Kg	1	☼	1613B	Total/NA
Total PeCDD	23	B cn	8.8	0.079	ng/Kg	1	☼	1613B	Total/NA
Total PeCDF	120	B cn	8.8	0.13	ng/Kg	1	☼	1613B	Total/NA
Total TCDD	37	cn	1.8	0.11	ng/Kg	1	☼	1613B	Total/NA
Total TCDF	210	cn	1.8	0.21	ng/Kg	1	☼	1613B	Total/NA

Client Sample ID: PR132-S07-000102-20251017
Lab Sample ID: 410-248196-2

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	600	B cn	10	1.1	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	350	B cn	10	1.0	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8-HxCDD	4.3	J I B cn	10	0.26	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8-HxCDF	52	cn	10	1.0	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8,9-HpCDF	17	B cn	10	1.0	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDD	38	B cn	10	0.25	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDF	18	B cn	10	1.0	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDD	9.2	J B cn	10	0.15	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDF	12	cn	10	0.25	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDD	14	B cn	10	0.17	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDF	4.9	J B cn	10	0.74	ng/Kg	1	☼	1613B	Total/NA
2,3,4,6,7,8-HxCDF	18	B cn	10	0.74	ng/Kg	1	☼	1613B	Total/NA
2,3,4,7,8-PeCDF	30	B cn	10	0.19	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDD	53	cn	2.0	0.17	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDF	23	cn	2.0	0.40	ng/Kg	1	☼	1613B	Total/NA
OCDD	4600	B cn	30	0.26	ng/Kg	1	☼	1613B	Total/NA
OCDF	660	B cn	20	0.13	ng/Kg	1	☼	1613B	Total/NA
Total HpCDD	1800	B cn	10	1.1	ng/Kg	1	☼	1613B	Total/NA
Total HpCDF	830	B cn	10	1.0	ng/Kg	1	☼	1613B	Total/NA
Total HxCDD	270	I B cn	10	0.23	ng/Kg	1	☼	1613B	Total/NA
Total HxCDF	320	B cn	10	0.88	ng/Kg	1	☼	1613B	Total/NA
Total PeCDD	46	B cn	10	0.15	ng/Kg	1	☼	1613B	Total/NA
Total PeCDF	290	B cn	10	0.22	ng/Kg	1	☼	1613B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PR132-S07-000102-20251017 (Continued)
Lab Sample ID: 410-248196-2

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
Total TCDD	59	cn	2.0	0.17	ng/Kg	1	☼	1613B	Total/NA
Total TCDF	410	cn	2.0	0.40	ng/Kg	1	☼	1613B	Total/NA

Client Sample ID: PR132-S07-102116-20251017
Lab Sample ID: 410-248196-3

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	37	B	11	0.17	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	140	B	11	0.089	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8-HxCDD	1.2	J B	11	0.15	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8-HxCDF	30		11	0.70	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8,9-HpCDF	16	B	11	0.10	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDD	2.6	J B	11	0.14	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDF	36	B	11	0.66	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDD	1.9	J I B	11	0.044	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDF	15		11	0.14	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDD	2.2	J I B	11	0.15	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDF	5.0	J B	11	0.71	ng/Kg	1	☼	1613B	Total/NA
2,3,4,6,7,8-HxCDF	15	B	11	0.61	ng/Kg	1	☼	1613B	Total/NA
2,3,4,7,8-PeCDF	12	B	11	0.093	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDD	4.9		2.1	0.051	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDF	8.0		2.1	0.084	ng/Kg	1	☼	1613B	Total/NA
OCDD	930	B	32	0.14	ng/Kg	1	☼	1613B	Total/NA
OCDF	83	B	21	0.079	ng/Kg	1	☼	1613B	Total/NA
Total HpCDD	100	B	11	0.17	ng/Kg	1	☼	1613B	Total/NA
Total HpCDF	230	B	11	0.096	ng/Kg	1	☼	1613B	Total/NA
Total HxCDD	48	I B	11	0.14	ng/Kg	1	☼	1613B	Total/NA
Total HxCDF	260	B	11	0.67	ng/Kg	1	☼	1613B	Total/NA
Total PeCDD	19	I B	11	0.044	ng/Kg	1	☼	1613B	Total/NA
Total PeCDF	140	B	11	0.12	ng/Kg	1	☼	1613B	Total/NA
Total TCDD	9.6		2.1	0.051	ng/Kg	1	☼	1613B	Total/NA
Total TCDF	59		2.1	0.084	ng/Kg	1	☼	1613B	Total/NA

Client Sample ID: PR132-COMP03-20251017
Lab Sample ID: 410-248196-4

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	9.3	B	6.8	0.096	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,6,7,8-HpCDF	23	B	6.8	0.044	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8-HxCDD	0.36	J I B	6.8	0.072	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8-HxCDF	4.6	J	6.8	0.10	ng/Kg	1	☼	1613B	Total/NA
1,2,3,4,7,8,9-HpCDF	2.3	J B	6.8	0.052	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDD	0.65	J B	6.8	0.071	ng/Kg	1	☼	1613B	Total/NA
1,2,3,6,7,8-HxCDF	5.5	J B	6.8	0.10	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDD	0.45	J B	6.8	0.010	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8-PeCDF	2.8	J	6.8	0.045	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDD	0.54	J B	6.8	0.063	ng/Kg	1	☼	1613B	Total/NA
1,2,3,7,8,9-HxCDF	1.0	J B	6.8	0.11	ng/Kg	1	☼	1613B	Total/NA
2,3,4,6,7,8-HxCDF	2.2	J B	6.8	0.097	ng/Kg	1	☼	1613B	Total/NA
2,3,4,7,8-PeCDF	2.6	J B	6.8	0.037	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDD	0.37	J I	1.4	0.016	ng/Kg	1	☼	1613B	Total/NA
2,3,7,8-TCDF	5.5		1.4	0.063	ng/Kg	1	☼	1613B	Total/NA
OCDD	260	B	20	0.069	ng/Kg	1	☼	1613B	Total/NA
OCDF	14	B	14	0.044	ng/Kg	1	☼	1613B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-COMP03-20251017 (Continued)
Lab Sample ID: 410-248196-4

Analyte	Result	Qualifier	RL	EDL	Unit	Dil Fac	D	Method	Prep Type
Total HpCDD	27	B	6.8	0.096	ng/Kg	1	☼	1613B	Total/NA
Total HpCDF	36	B	6.8	0.048	ng/Kg	1	☼	1613B	Total/NA
Total HxCDD	6.6	J I B	6.8	0.069	ng/Kg	1	☼	1613B	Total/NA
Total HxCDF	36	B	6.8	0.10	ng/Kg	1	☼	1613B	Total/NA
Total PeCDD	3.8	J B	6.8	0.010	ng/Kg	1	☼	1613B	Total/NA
Total PeCDF	30	B	6.8	0.041	ng/Kg	1	☼	1613B	Total/NA
Total TCDD	0.37	J I	1.4	0.016	ng/Kg	1	☼	1613B	Total/NA
Total TCDF	82		1.4	0.063	ng/Kg	1	☼	1613B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-S09-000051-20251017
Lab Sample ID: 410-248196-1
Date Collected: 10/17/25 12:55
Matrix: Solid
Date Received: 10/21/25 10:10
Percent Solids: 55.0

Method: EPA 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	340	B cn	8.8	0.47	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,4,6,7,8-HpCDF	130	B cn	8.8	0.44	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,4,7,8-HxCDD	ND	cn	8.8	0.45	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,4,7,8-HxCDF	22	cn	8.8	0.31	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,4,7,8,9-HpCDF	7.5	J B cn	8.8	0.46	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,6,7,8-HxCDD	28	B cn	8.8	0.45	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,6,7,8-HxCDF	8.2	J I B cn	8.8	0.30	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,7,8-PeCDD	4.6	J B cn	8.8	0.079	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,7,8-PeCDF	6.8	J cn	8.8	0.14	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,7,8,9-HxCDD	11	B cn	8.8	0.34	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
1,2,3,7,8,9-HxCDF	2.4	J B cn	8.8	0.25	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
2,3,4,6,7,8-HxCDF	8.7	J B cn	8.8	0.23	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
2,3,4,7,8-PeCDF	13	B cn	8.8	0.12	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
2,3,7,8-TCDD	26	cn	1.8	0.11	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
2,3,7,8-TCDF	16	cn	1.8	0.21	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
OCDD	2900	B cn	26	0.22	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
OCDF	210	B cn	18	0.14	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total HpCDD	800	B cn	8.8	0.47	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total HpCDF	270	B cn	8.8	0.45	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total HxCDD	170	B cn	8.8	0.42	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total HxCDF	120	I B cn	8.8	0.27	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total PeCDD	23	B cn	8.8	0.079	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total PeCDF	120	B cn	8.8	0.13	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total TCDD	37	cn	1.8	0.11	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1
Total TCDF	210	cn	1.8	0.21	ng/Kg	☼	11/25/25 18:36	12/01/25 22:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*64*	*cn*	*23 - 140*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*52*	*cn*	*28 - 143*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,4,7,8-HxCDD	*55*	*cn*	*32 - 141*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,4,7,8-HxCDF	*41*	*cn*	*26 - 152*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*63*	*cn*	*26 - 138*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,6,7,8-HxCDD	*37*	*cn*	*28 - 130*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,6,7,8-HxCDF	*42*	*cn*	*26 - 123*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,7,8-PeCDD	*40*	*cn*	*25 - 181*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,7,8-PeCDF	*36*	*cn*	*24 - 185*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,7,8,9-HxCDD	*60*	*cn*	*28 - 130*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-1,2,3,7,8,9-HxCDF	*58*	*cn*	*29 - 147*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-2,3,4,6,7,8-HxCDF	*52*	*cn*	*28 - 136*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-2,3,4,7,8-PeCDF	*37*	*cn*	*21 - 178*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-2,3,7,8-TCDD	*24*	**5- cn*	*25 - 164*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-2,3,7,8-TCDF	*22*	**5- cn*	*24 - 169*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-OCDD	*62*	*cn*	*17 - 157*	*11/25/25 18:36*	*12/01/25 22:12*	*1*
13C-OCDF	*58*	*cn*	*17 - 157*	*11/25/25 18:36*	*12/01/25 22:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	45.0		1.0	1.0	%			10/23/25 22:43	1

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-S07-000102-20251017
Lab Sample ID: 410-248196-2
Date Collected: 10/17/25 11:40
Matrix: Solid
Date Received: 10/21/25 10:10
Percent Solids: 48.0

Method: EPA 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	600	B cn	10	1.1	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,4,6,7,8-HpCDF	350	B cn	10	1.0	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,4,7,8-HxCDD	4.3	J I B cn	10	0.26	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,4,7,8-HxCDF	52	cn	10	1.0	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,4,7,8,9-HpCDF	17	B cn	10	1.0	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,6,7,8-HxCDD	38	B cn	10	0.25	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,6,7,8-HxCDF	18	B cn	10	1.0	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,7,8-PeCDD	9.2	J B cn	10	0.15	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,7,8-PeCDF	12	cn	10	0.25	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,7,8,9-HxCDD	14	B cn	10	0.17	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
1,2,3,7,8,9-HxCDF	4.9	J B cn	10	0.74	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
2,3,4,6,7,8-HxCDF	18	B cn	10	0.74	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
2,3,4,7,8-PeCDF	30	B cn	10	0.19	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
2,3,7,8-TCDD	53	cn	2.0	0.17	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
2,3,7,8-TCDF	23	cn	2.0	0.40	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
OCDD	4600	B cn	30	0.26	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
OCDF	660	B cn	20	0.13	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total HpCDD	1800	B cn	10	1.1	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total HpCDF	830	B cn	10	1.0	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total HxCDD	270	I B cn	10	0.23	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total HxCDF	320	B cn	10	0.88	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total PeCDD	46	B cn	10	0.15	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total PeCDF	290	B cn	10	0.22	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total TCDD	59	cn	2.0	0.17	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1
Total TCDF	410	cn	2.0	0.40	ng/Kg	☼	11/25/25 18:36	12/01/25 23:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*65*	*cn*	*23 - 140*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*52*	*cn*	*28 - 143*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,4,7,8-HxCDD	*45*	*cn*	*32 - 141*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,4,7,8-HxCDF	*39*	*cn*	*26 - 152*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*63*	*cn*	*26 - 138*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,6,7,8-HxCDD	*39*	*cn*	*28 - 130*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,6,7,8-HxCDF	*38*	*cn*	*26 - 123*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,7,8-PeCDD	*36*	*cn*	*25 - 181*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,7,8-PeCDF	*28*	*cn*	*24 - 185*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,7,8,9-HxCDD	*59*	*cn*	*28 - 130*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-1,2,3,7,8,9-HxCDF	*58*	*cn*	*29 - 147*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-2,3,4,6,7,8-HxCDF	*51*	*cn*	*28 - 136*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-2,3,4,7,8-PeCDF	*32*	*cn*	*21 - 178*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-2,3,7,8-TCDD	*20*	**5- cn*	*25 - 164*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-2,3,7,8-TCDF	*20*	**5- cn*	*24 - 169*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-OCDD	*66*	*cn*	*17 - 157*	*11/25/25 18:36*	*12/01/25 23:03*	*1*
13C-OCDF	*60*	*cn*	*17 - 157*	*11/25/25 18:36*	*12/01/25 23:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	52.0		1.0	1.0	%			10/23/25 22:43	1

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-S07-102116-20251017
Lab Sample ID: 410-248196-3
Date Collected: 10/17/25 11:50
Matrix: Solid
Date Received: 10/21/25 10:10
Percent Solids: 46.4

Method: EPA 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	37	B	11	0.17	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,4,6,7,8-HpCDF	140	B	11	0.089	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,4,7,8-HxCDD	1.2	J B	11	0.15	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,4,7,8-HxCDF	30		11	0.70	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,4,7,8,9-HpCDF	16	B	11	0.10	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,6,7,8-HxCDD	2.6	J B	11	0.14	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,6,7,8-HxCDF	36	B	11	0.66	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,7,8-PeCDD	1.9	J I B	11	0.044	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,7,8-PeCDF	15		11	0.14	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,7,8,9-HxCDD	2.2	J I B	11	0.15	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
1,2,3,7,8,9-HxCDF	5.0	J B	11	0.71	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
2,3,4,6,7,8-HxCDF	15	B	11	0.61	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
2,3,4,7,8-PeCDF	12	B	11	0.093	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
2,3,7,8-TCDD	4.9		2.1	0.051	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
2,3,7,8-TCDF	8.0		2.1	0.084	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
OCDD	930	B	32	0.14	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
OCDF	83	B	21	0.079	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total HpCDD	100	B	11	0.17	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total HpCDF	230	B	11	0.096	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total HxCDD	48	I B	11	0.14	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total HxCDF	260	B	11	0.67	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total PeCDD	19	I B	11	0.044	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total PeCDF	140	B	11	0.12	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total TCDD	9.6		2.1	0.051	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1
Total TCDF	59		2.1	0.084	ng/Kg	☼	11/25/25 18:36	12/01/25 23:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*80*		*23 - 140*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*74*		*28 - 143*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,4,7,8-HxCDD	*72*		*32 - 141*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,4,7,8-HxCDF	*70*		*26 - 152*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*78*		*26 - 138*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,6,7,8-HxCDD	*72*		*28 - 130*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,6,7,8-HxCDF	*67*		*26 - 123*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,7,8-PeCDD	*74*		*25 - 181*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,7,8-PeCDF	*63*		*24 - 185*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,7,8,9-HxCDD	*69*		*28 - 130*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-1,2,3,7,8,9-HxCDF	*71*		*29 - 147*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-2,3,4,6,7,8-HxCDF	*70*		*28 - 136*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-2,3,4,7,8-PeCDF	*74*		*21 - 178*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-2,3,7,8-TCDD	*54*		*25 - 164*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-2,3,7,8-TCDF	*62*		*24 - 169*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-OCDD	*76*		*17 - 157*	*11/25/25 18:36*	*12/01/25 23:55*	*1*
13C-OCDF	*73*		*17 - 157*	*11/25/25 18:36*	*12/01/25 23:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	53.6		1.0	1.0	%			10/23/25 22:43	1

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-COMP03-20251017
Lab Sample ID: 410-248196-4
Date Collected: 10/17/25 10:10
Matrix: Solid
Date Received: 10/21/25 10:10
Percent Solids: 72.2

Method: EPA 1613B - Dioxins and Furans (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	9.3	B	6.8	0.096	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,4,6,7,8-HpCDF	23	B	6.8	0.044	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,4,7,8-HxCDD	0.36	J I B	6.8	0.072	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,4,7,8-HxCDF	4.6	J	6.8	0.10	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,4,7,8,9-HpCDF	2.3	J B	6.8	0.052	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,6,7,8-HxCDD	0.65	J B	6.8	0.071	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,6,7,8-HxCDF	5.5	J B	6.8	0.10	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,7,8-PeCDD	0.45	J B	6.8	0.010	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,7,8-PeCDF	2.8	J	6.8	0.045	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,7,8,9-HxCDD	0.54	J B	6.8	0.063	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
1,2,3,7,8,9-HxCDF	1.0	J B	6.8	0.11	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
2,3,4,6,7,8-HxCDF	2.2	J B	6.8	0.097	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
2,3,4,7,8-PeCDF	2.6	J B	6.8	0.037	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
2,3,7,8-TCDD	0.37	J I	1.4	0.016	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
2,3,7,8-TCDF	5.5		1.4	0.063	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
OCDD	260	B	20	0.069	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
OCDF	14	B	14	0.044	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total HpCDD	27	B	6.8	0.096	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total HpCDF	36	B	6.8	0.048	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total HxCDD	6.6	J I B	6.8	0.069	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total HxCDF	36	B	6.8	0.10	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total PeCDD	3.8	J B	6.8	0.010	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total PeCDF	30	B	6.8	0.041	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total TCDD	0.37	J I	1.4	0.016	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1
Total TCDF	82		1.4	0.063	ng/Kg	☼	11/25/25 18:36	12/02/25 00:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*87*		*23 - 140*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*77*		*28 - 143*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,4,7,8-HxCDD	*83*		*32 - 141*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,4,7,8-HxCDF	*77*		*26 - 152*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*84*		*26 - 138*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,6,7,8-HxCDD	*78*		*28 - 130*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,6,7,8-HxCDF	*74*		*26 - 123*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,7,8-PeCDD	*84*		*25 - 181*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,7,8-PeCDF	*77*		*24 - 185*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,7,8,9-HxCDD	*85*		*28 - 130*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-1,2,3,7,8,9-HxCDF	*78*		*29 - 147*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-2,3,4,6,7,8-HxCDF	*76*		*28 - 136*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-2,3,4,7,8-PeCDF	*78*		*21 - 178*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-2,3,7,8-TCDD	*66*		*25 - 164*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-2,3,7,8-TCDF	*68*		*24 - 169*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-OCDD	*81*		*17 - 157*	*11/25/25 18:36*	*12/02/25 00:46*	*1*
13C-OCDF	*75*		*17 - 157*	*11/25/25 18:36*	*12/02/25 00:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	27.8		1.0	1.0	%			10/23/25 22:43	1

Isotope Dilution Summary

Client: Chemtech Consulting Group Inc. Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HpCDD	HpCDF	HxCDD	HxCDF	HpCDF2	HxDD	HxDF	PeCDD
Lab Sample ID	Client Sample ID	(23-140)	(28-143)	(32-141)	(26-152)	(26-138)	(28-130)	(26-123)	(25-181)
410-248196-1	PR132-S09-000051-20251017	64 cn	52 cn	55 cn	41 cn	63 cn	37 cn	42 cn	40 cn
410-248196-2	PR132-S07-000102-20251017	65 cn	52 cn	45 cn	39 cn	63 cn	39 cn	38 cn	36 cn
410-248196-3	PR132-S07-102116-20251017	80	74	72	70	78	72	67	74
410-248196-4	PR132-COMP03-20251017	87	77	83	77	84	78	74	84
MB 410-735657/1-A	Method Blank	72	68	74	69	67	80	76	124

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PeCDF	13CHxCD	HxCF	13CHxCF	PeCF	TCDD	TCDF	OCDD
Lab Sample ID	Client Sample ID	(24-185)	(28-130)	(29-147)	(28-136)	(21-178)	(25-164)	(24-169)	(17-157)
410-248196-1	PR132-S09-000051-20251017	36 cn	60 cn	58 cn	52 cn	37 cn	24 *5- cn	22 *5- cn	62 cn
410-248196-2	PR132-S07-000102-20251017	28 cn	59 cn	58 cn	51 cn	32 cn	20 *5- cn	20 *5- cn	66 cn
410-248196-3	PR132-S07-102116-20251017	63	69	71	70	74	54	62	76
410-248196-4	PR132-COMP03-20251017	77	85	78	76	78	66	68	81
MB 410-735657/1-A	Method Blank	90	78	71	73	122	62	58	65

		Percent Isotope Dilution Recovery (Acceptance Limits)
		OCDF
Lab Sample ID	Client Sample ID	(17-157)
410-248196-1	PR132-S09-000051-20251017	58 cn
410-248196-2	PR132-S07-000102-20251017	60 cn
410-248196-3	PR132-S07-102116-20251017	73
410-248196-4	PR132-COMP03-20251017	75
MB 410-735657/1-A	Method Blank	66

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

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HpCDD	HpCDF	HxCDD	HxCDF	HpCDF2	HxDD	HxDF	PeCDD
Lab Sample ID	Client Sample ID	(26-166)	(21-158)	(21-193)	(19-202)	(20-186)	(25-163)	(21-159)	(21-227)
LCS 410-735657/2-A	Lab Control Sample	76	77	77	78	78	91	80	70

Isotope Dilution Summary

Client: Chemtech Consulting Group Inc. Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Method: 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PeCDF (21-192)	13CHxCD (25-163)	HxCF (17-205)	13CHxCF (22-176)	PeCF (13-328)	TCDD (20-175)	TCDF (22-152)	OCDD (13-199)
LCS 410-735657/2-A	Lab Control Sample	79	82	78	79	71	63	65	74

		Percent Isotope Dilution Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OCDF (13-199)
LCS 410-735657/2-A	Lab Control Sample	76

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

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Method: 1613B - Dioxins and Furans (HRGC/HRMS)

Lab Sample ID: MB 410-735657/1-A
Matrix: Solid
Analysis Batch: 736237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735657

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	0.233	J I	5.0	0.011	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,6,7,8-HpCDF	0.0594	J	5.0	0.00092	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,7,8-HxCDD	0.0499	J	5.0	0.0016	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,7,8-HxCDF	ND		5.0	0.0049	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,7,8,9-HpCDF	0.0696	J I	5.0	0.0012	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,6,7,8-HxCDD	0.0559	J I	5.0	0.0016	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,6,7,8-HxCDF	0.0477	J I	5.0	0.0045	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8-PeCDD	0.0463	J I	5.0	0.0013	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8-PeCDF	ND		5.0	0.0025	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8,9-HxCDD	0.0621	J	5.0	0.0017	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8,9-HxCDF	0.0978	J	5.0	0.0054	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,4,6,7,8-HxCDF	0.0521	J	5.0	0.0044	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,4,7,8-PeCDF	0.0550	J	5.0	0.0015	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,7,8-TCDD	ND		1.0	0.0029	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,7,8-TCDF	ND		1.0	0.0030	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
OCDD	1.05	J	15	0.0017	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
OCDF	0.268	J I	10	0.0020	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HpCDD	0.233	J I	5.0	0.011	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HpCDF	0.129	J I	5.0	0.0011	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HxCDD	0.168	J I	5.0	0.0016	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HxCDF	0.198	J I	5.0	0.0048	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total PeCDD	0.0463	J I	5.0	0.0013	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total PeCDF	0.0550	J	5.0	0.0020	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total TCDD	ND		1.0	0.038	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total TCDF	ND		1.0	0.020	ng/Kg		11/25/25 18:36	11/29/25 13:12	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*72*		*23 - 140*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*68*		*28 - 143*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,4,7,8-HxCDD	*74*		*32 - 141*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,4,7,8-HxCDF	*69*		*26 - 152*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*67*		*26 - 138*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,6,7,8-HxCDD	*80*		*28 - 130*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,6,7,8-HxCDF	*76*		*26 - 123*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,7,8-PeCDD	*124*		*25 - 181*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,7,8-PeCDF	*90*		*24 - 185*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,7,8,9-HxCDD	*78*		*28 - 130*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-1,2,3,7,8,9-HxCDF	*71*		*29 - 147*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-2,3,4,6,7,8-HxCDF	*73*		*28 - 136*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-2,3,4,7,8-PeCDF	*122*		*21 - 178*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-2,3,7,8-TCDD	*62*		*25 - 164*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-2,3,7,8-TCDF	*58*		*24 - 169*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-OCDD	*65*		*17 - 157*	*11/25/25 18:36*	*11/29/25 13:12*	*1*
13C-OCDF	*66*		*17 - 157*	*11/25/25 18:36*	*11/29/25 13:12*	*1*

Method: 1613B - Dioxins and Furans (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 410-735657/2-A
Matrix: Solid
Analysis Batch: 736237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 735657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3,4,6,7,8-HpCDD			100	100		ng/Kg		100	70 - 140		
1,2,3,4,6,7,8-HpCDF			100	101		ng/Kg		101	82 - 122		
1,2,3,4,7,8-HxCDD			100	103		ng/Kg		103	70 - 164		
1,2,3,4,7,8-HxCDF			100	104		ng/Kg		104	72 - 134		
1,2,3,4,7,8,9-HpCDF			100	102		ng/Kg		102	78 - 138		
1,2,3,6,7,8-HxCDD			100	95.6		ng/Kg		96	76 - 134		
1,2,3,6,7,8-HxCDF			100	104		ng/Kg		104	84 - 130		
1,2,3,7,8-PeCDD			100	104		ng/Kg		104	70 - 142		
1,2,3,7,8-PeCDF			100	99.8		ng/Kg		100	80 - 134		
1,2,3,7,8,9-HxCDD			100	103		ng/Kg		103	64 - 162		
1,2,3,7,8,9-HxCDF			100	99.8		ng/Kg		100	78 - 130		
2,3,4,6,7,8-HxCDF			100	106		ng/Kg		106	70 - 156		
2,3,4,7,8-PeCDF			100	103		ng/Kg		103	68 - 160		
2,3,7,8-TCDD			20.0	20.8		ng/Kg		104	67 - 158		
2,3,7,8-TCDF			20.0	20.1		ng/Kg		101	75 - 158		
OCDD			200	213		ng/Kg		107	78 - 144		
OCDF			200	212		ng/Kg		106	63 - 170		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-1,2,3,4,6,7,8-HpCDD	*76*		*26 - 166*
13C-1,2,3,4,6,7,8-HpCDF	*77*		*21 - 158*
13C-1,2,3,4,7,8-HxCDD	*77*		*21 - 193*
13C-1,2,3,4,7,8-HxCDF	*78*		*19 - 202*
13C-1,2,3,4,7,8,9-HpCDF	*78*		*20 - 186*
13C-1,2,3,6,7,8-HxCDD	*91*		*25 - 163*
13C-1,2,3,6,7,8-HxCDF	*80*		*21 - 159*
13C-1,2,3,7,8-PeCDD	*70*		*21 - 227*
13C-1,2,3,7,8-PeCDF	*79*		*21 - 192*
13C-1,2,3,7,8,9-HxCDD	*82*		*25 - 163*
13C-1,2,3,7,8,9-HxCDF	*78*		*17 - 205*
13C-2,3,4,6,7,8-HxCDF	*79*		*22 - 176*
13C-2,3,4,7,8-PeCDF	*71*		*13 - 328*
13C-2,3,7,8-TCDD	*63*		*20 - 175*
13C-2,3,7,8-TCDF	*65*		*22 - 152*
13C-OCDD	*74*		*13 - 199*
13C-OCDF	*76*		*13 - 199*

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Specialty Organics

Prep Batch: 735657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248196-1	PR132-S09-000051-20251017	Total/NA	Solid	1613B	
410-248196-2	PR132-S07-000102-20251017	Total/NA	Solid	1613B	
410-248196-3	PR132-S07-102116-20251017	Total/NA	Solid	1613B	
410-248196-4	PR132-COMP03-20251017	Total/NA	Solid	1613B	
MB 410-735657/1-A	Method Blank	Total/NA	Solid	1613B	
LCS 410-735657/2-A	Lab Control Sample	Total/NA	Solid	1613B	

Analysis Batch: 736237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-735657/1-A	Method Blank	Total/NA	Solid	1613B	735657
LCS 410-735657/2-A	Lab Control Sample	Total/NA	Solid	1613B	735657

Analysis Batch: 737254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248196-1	PR132-S09-000051-20251017	Total/NA	Solid	1613B	735657
410-248196-2	PR132-S07-000102-20251017	Total/NA	Solid	1613B	735657
410-248196-3	PR132-S07-102116-20251017	Total/NA	Solid	1613B	735657
410-248196-4	PR132-COMP03-20251017	Total/NA	Solid	1613B	735657

General Chemistry

Analysis Batch: 719035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248196-1	PR132-S09-000051-20251017	Total/NA	Solid	Moisture	
410-248196-2	PR132-S07-000102-20251017	Total/NA	Solid	Moisture	
410-248196-3	PR132-S07-102116-20251017	Total/NA	Solid	Moisture	
410-248196-4	PR132-COMP03-20251017	Total/NA	Solid	Moisture	

Client Sample ID: PR132-S09-000051-20251017 **Lab Sample ID: 410-248196-1**
Date Collected: 10/17/25 12:55 **Matrix: Solid**
Date Received: 10/21/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	719035	CQ8V	ELLE	10/23/25 22:43

Client Sample ID: PR132-S09-000051-20251017 **Lab Sample ID: 410-248196-1**
Date Collected: 10/17/25 12:55 **Matrix: Solid**
Date Received: 10/21/25 10:10 **Percent Solids: 55.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1613B			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	1613B		1	737254	TJK2	ELLE	12/01/25 22:12

Client Sample ID: PR132-S07-000102-20251017 **Lab Sample ID: 410-248196-2**
Date Collected: 10/17/25 11:40 **Matrix: Solid**
Date Received: 10/21/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	719035	CQ8V	ELLE	10/23/25 22:43

Client Sample ID: PR132-S07-000102-20251017 **Lab Sample ID: 410-248196-2**
Date Collected: 10/17/25 11:40 **Matrix: Solid**
Date Received: 10/21/25 10:10 **Percent Solids: 48.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1613B			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	1613B		1	737254	TJK2	ELLE	12/01/25 23:03

Client Sample ID: PR132-S07-102116-20251017 **Lab Sample ID: 410-248196-3**
Date Collected: 10/17/25 11:50 **Matrix: Solid**
Date Received: 10/21/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	719035	CQ8V	ELLE	10/23/25 22:43

Client Sample ID: PR132-S07-102116-20251017 **Lab Sample ID: 410-248196-3**
Date Collected: 10/17/25 11:50 **Matrix: Solid**
Date Received: 10/21/25 10:10 **Percent Solids: 46.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1613B			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	1613B		1	737254	TJK2	ELLE	12/01/25 23:55

Client Sample ID: PR132-COMP03-20251017 **Lab Sample ID: 410-248196-4**
Date Collected: 10/17/25 10:10 **Matrix: Solid**
Date Received: 10/21/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	719035	CQ8V	ELLE	10/23/25 22:43

Lab Chronicle

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR132-COMP03-20251017
Lab Sample ID: 410-248196-4
Date Collected: 10/17/25 10:10
Matrix: Solid
Date Received: 10/21/25 10:10
Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1613B			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	1613B		1	737254	TJK2	ELLE	12/02/25 00:46

Laboratory References:

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

Accreditation/Certification Summary

Client: Chemtech Consulting Group Inc. Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

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
1613B	1613B	Solid	1,2,3,4,6,7,8-HpCDD
1613B	1613B	Solid	1,2,3,4,6,7,8-HpCDF
1613B	1613B	Solid	1,2,3,4,7,8,9-HpCDF
1613B	1613B	Solid	1,2,3,4,7,8-HxCDD
1613B	1613B	Solid	1,2,3,4,7,8-HxCDF
1613B	1613B	Solid	1,2,3,6,7,8-HxCDD
1613B	1613B	Solid	1,2,3,6,7,8-HxCDF
1613B	1613B	Solid	1,2,3,7,8,9-HxCDD
1613B	1613B	Solid	1,2,3,7,8,9-HxCDF
1613B	1613B	Solid	1,2,3,7,8-PeCDD
1613B	1613B	Solid	1,2,3,7,8-PeCDF
1613B	1613B	Solid	2,3,4,6,7,8-HxCDF
1613B	1613B	Solid	2,3,4,7,8-PeCDF
1613B	1613B	Solid	2,3,7,8-TCDD
1613B	1613B	Solid	2,3,7,8-TCDF
1613B	1613B	Solid	OCDD
1613B	1613B	Solid	OCDF
1613B	1613B	Solid	Total HpCDD
1613B	1613B	Solid	Total HpCDF
1613B	1613B	Solid	Total HxCDD
1613B	1613B	Solid	Total HxCDF
1613B	1613B	Solid	Total PeCDD
1613B	1613B	Solid	Total PeCDF
1613B	1613B	Solid	Total TCDD
1613B	1613B	Solid	Total TCDF
Moisture		Solid	Percent Moisture

Method Summary

Client: Chemtech Consulting Group Inc.
Job ID: 410-248196-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Method	Method Description	Protocol	Laboratory
1613B	Dioxins and Furans (HRGC/HRMS)	EPA	ELLE
Moisture	Percent Moisture	EPA	ELLE
1613B	Soxhlet Extraction	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

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: 410-248196-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-248196-1	PR132-S09-000051-20251017	Solid	10/17/25 12:55	10/21/25 10:10	New York
410-248196-2	PR132-S07-000102-20251017	Solid	10/17/25 11:40	10/21/25 10:10	New York
410-248196-3	PR132-S07-102116-20251017	Solid	10/17/25 11:50	10/21/25 10:10	New York
410-248196-4	PR132-COMP03-20251017	Solid	10/17/25 10:10	10/21/25 10:10	New York

Alliance TECHNICAL GROUP

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

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION
COMPANY : EUROFINS Lancaster Laboratories	ORDER ID : Q3377		BILL TO: CHEMTECH PO# : q3377
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. grab

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	TAT DAYS
01	PR132-S09-000051-20251017	Solid	Dioxin	1:1 HNO3 to pH < 2	Chemtech -SOP	10/17/2025	12:55:00	1	10
02	PR132-S07-000102-20251017	Solid	Dioxin	1:1 HNO3 to pH < 2	Chemtech -SOP	10/17/2025	11:40:00	1	10
03	PR132-S07-102116-20251017	Solid	Dioxin	1:1 HNO3 to pH < 2	Chemtech -SOP	10/17/2025	11:50:00	1	10
04	PR132-COMP03-20251017	Solid	Dioxin	1:1 HNO3 to pH < 2	Chemtech -SOP	10/17/2025	10:10:00	1	10

410-248196 Chain of Custody

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

RELINQUIESHED BY SAMPLER: 1.	DATETIME: 10/20/25	RECEIVED BY: 1.	Conditions of bottles or Coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp ____ Ice or Cooler? ____ R: 0.5 C: 0.4
RELINQUIESHED BY: 2.	DATETIME:	RECEIVED BY: 2.	
RELINQUIESHED BY: 3.	DATETIME: 10/21/25 1010	RECEIVED BY: 3.	☐ OVERNIGHT ☐ OVERNIGHT Page 1 of 1 Shipment Complete: ☐ YES ☐ NO

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q3377
QUOTE NO. Q3395
COC Number 2045362

CLIENT 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:

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1: SVOCs 2: Pesticides TCL 3: Mercury Metals 4: PCBs Hex Chrome 5: Dioxin 6: Grain Size 7: TPCS 8: VOCs 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8 (Methanol)	9	COMMENTS
1.	PR132-S09-000051-20251017	S		X	10/17	1235	11	X	X	X	X	X	X	X	X		
2.	PR132-S07-000102-20251017	S		X	10/17	1140	11	X	X	X	X	X	X	X	X		
3.	PR132-S07-000102-20251017MSD	S		X	10/17	1140	10	X	X	X	X	X		X	X		
4.	PR132-S07-000102-20251017-MS	S		X	10/17	1140	10	X	X	X	X	X		X	X		
5.	PR132-S07-10216-20251017	S		X	10/17	1150	11	X	X	X	X	X	X	X	X		
6.	PR132-COMP03-2025-20251017	S	X		10/17	1010	7	X	X	X	X	X	X	X			
7.	Temp Blank	A			10/17		1	X	X	X	X	X			X		
8.	PR132-S08-038048-20251017	S		X	10/17	0840	4								X		
9.																	
10.																	

PRESERVATIVES: ← Specify Preservatives — A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jim Aldeson	10/17/25 4pm	1. 1600 10-17-25
2.		2.
3.	10-17-25 1740	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

 Q3377 WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 410-248196-1

Login Number: 248196

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Arroyo, Haley

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
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.	False	Refer to Job Narrative for details.
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	