

SUB DATA PACKAGE

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

AECOM

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ORDER ID : Q3377

ATTENTION : Rob Forstner



Cover Page

Order ID : Q3377

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

Client : AECOM

Lab Sample Number

Q3377-01
Q3377-02
Q3377-03
Q3377-04
Q3377-05
Q3377-06

Client Sample Number

PR132-S09-000051-20251017
PR132-S07-000102-20251017
PR132-S07-102116-20251017
PR132-COMP03-20251017
Q3377-02MS
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 : _____

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

410-248196-1

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
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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.

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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: 410-248196-1

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

Case Narrative

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

Job ID: 410-248196-1

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.

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: 410-248196-1

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.

Eurofins Lancaster Laboratories Environment Testing, LLC

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-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.

Eurofins Lancaster Laboratories Environment Testing, LLC

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-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.

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: 410-248196-1

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

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: 410-248196-1

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

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: 410-248196-1

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

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: 410-248196-1

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

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: 410-248196-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	HpCDD (23-140)	HpCDF (28-143)	HxCDD (32-141)	HxCDF (26-152)	HpCDF2 (26-138)	HxDD (28-130)	HxDF (26-123)	PeCDD (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)							
Lab Sample ID	Client Sample ID	PeCDF (24-185)	13CHxCD (28-130)	HxCF (29-147)	13CHxCF (28-136)	PeCF (21-178)	TCDD (25-164)	TCDF (24-169)	OCDD (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)							
Lab Sample ID	Client Sample ID	OCDF (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)							
Lab Sample ID	Client Sample ID	HpCDD (26-166)	HpCDF (21-158)	HxCDD (21-193)	HxCDF (19-202)	HpCDF2 (20-186)	HxDD (25-163)	HxDF (21-159)	PeCDD (21-227)
LCS 410-735657/2-A	Lab Control Sample	76	77	77	78	78	91	80	70

Eurofins Lancaster Laboratories Environment Testing, LLC

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									

QC Sample Results

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

Job ID: 410-248196-1

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

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: 410-248196-1

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

QC Association Summary

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

Job ID: 410-248196-1

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	

Lab Chronicle

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

Job ID: 410-248196-1

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

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Lab Chronicle

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

Job ID: 410-248196-1

Client Sample ID: PR132-COMP03-20251017
Date Collected: 10/17/25 10:10
Date Received: 10/21/25 10:10

Lab Sample ID: 410-248196-4
Matrix: Solid
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.
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Job ID: 410-248196-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15



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		# OF BOTTLES	TAT DAYS
						DATE	TIME		
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			
RELINQUISHED BY: SAMPLER: 1.	DATE/TIME: 10/20/25	RECEIVED BY: 1.	Conditions of bottles or Coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp _____ Ice or Cooler? _____
RELINQUISHED BY: 2.	DATE/TIME: 10/21/25	RECEIVED BY: 2.	12:05:00
RELINQUISHED BY: 3.	DATE/TIME: 10/21/25 1010	RECEIVED BY: 3.	Page 1 of 1 ☐ OVERNIGHT ☐ OVERNIGHT Shipment Complete: ☐ YES ☐ NO

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

ANALYSIS

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 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 + PCBs
3. Mercury Metals
4. PCBs Hexachloro
5. Dioxin
6. Gram 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-S09-000051-20251017	S		X	10/17	1255	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-S07-000102-20251017MS	S		X	10/17	1140	10	X	X	X	X	X		X	X			
5.	PR132-S07-102116-20251017	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.																		

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

RELINQUISHED BY SAMPLER: 1. Jim Alderson	DATE/TIME: 10/17/25 4pm	RECEIVED BY: 1. [Signature] 10-17-25	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2. [Signature]	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 1740	RECEIVED BY: 3. [Signature]	Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 410-248196-1

Login Number: 248196

List Number: 1

Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

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 ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temp acceptable, where thermal pres is required ($\leq 6^{\circ}\text{C}$, 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 $> 6\text{mm}$ in diameter (none, if from WV)?	N/A	