

SUB DATA PACKAGE

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

AECOM

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ORDER ID : Q3364

ATTENTION : Rob Forstner



Cover Page

Order ID : Q3364

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

Client : AECOM

Lab Sample Number

Q3364-01
Q3364-02
Q3364-03
Q3364-04
Q3364-05

Client Sample Number

PR132-S01-085011-20251015
PR132-S01-039085-20251015
PR132-S03-028010-20251015
PR132-S03-010013-20251015
COMP01-20251015

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

410-248808-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

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

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

Authorization



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

Compliance Statement

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

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
 - Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
 - Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
- Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

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

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

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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: 410-248808-1

Qualifiers

Dioxin

Qualifier	Qualifier Description
*5-	Isotope dilution analyte is outside acceptance limits, low biased.
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: 410-248808-1

Job ID: 410-248808-1

Eurofins Lancaster Laboratories Environment

Job Narrative 410-248808-1

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 10/23/2025 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 1.2°C.

Dioxin

Method 8290A: The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: PR132-S03-028010-20251015 (410-248808-3). Signal-to-noise ratios are within method 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.

Job ID: 410-248808-1

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

Client Sample ID: PR132-S01-085011-20251015

Lab Sample ID: 410-248808-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	22		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	34		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	7.5	J	11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	8.1	J	11	4.3	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	1.9	J I	2.2	0.43	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	4.8		2.2	1.3	ng/Kg	1	✱	8290A	Total/NA
OCDD	500		33	29	ng/Kg	1	✱	8290A	Total/NA
OCDF	34		22	11	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	57		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	56		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	25	I	11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	50		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	7.2	J	11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	43		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	5.2	I	2.2	0.43	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	30		2.2	1.3	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: PR132-S01-039085-20251015

Lab Sample ID: 410-248808-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	570		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	350		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDD	5.3	J	9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	56		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	18		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	34		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	25		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDD	9.5	J I	9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	15		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	15		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDF	5.8	J	9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	21		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	31		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	190		2.0	0.39	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	31		2.0	1.2	ng/Kg	1	✱	8290A	Total/NA
OCDD	5500		29	26	ng/Kg	1	✱	8290A	Total/NA
OCDF	770		20	9.8	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	1300		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	830		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	270		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	420		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	63	I	9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	510		9.8	3.9	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	220		2.0	0.39	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	760		2.0	1.2	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: PR132-S03-028010-20251015

Lab Sample ID: 410-248808-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	630	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	310	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDD	4.9	J cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Chemtech Consulting Group Inc.

Job ID: 410-248808-1

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

Client Sample ID: PR132-S03-028010-20251015 (Continued)

Lab Sample ID: 410-248808-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,7,8-HxCDF	47	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	15	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	39	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	20	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDD	11	I cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	12	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	16	I cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDF	6.1	J cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	19	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	30	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	330	cn	2.1	0.42	ng/Kg	1	✱	8290A	Total/NA
OCDD	5400	cn	32	28	ng/Kg	1	✱	8290A	Total/NA
OCDF	580	cn	21	11	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	1800	cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	710	I cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	350	I cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	360	I cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	76	I cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	640	I cn	11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	410	I cn	2.1	0.42	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	1200	I cn	2.1	1.3	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: PR132-S03-010013-20251015

Lab Sample ID: 410-248808-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	65		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	140		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	28		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	15		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	4.8	J I	11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	35		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	14		11	4.3	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDF	5.6	J	11	4.3	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	15		11	4.3	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	13		11	4.3	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	15		2.1	0.43	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	12		2.1	1.3	ng/Kg	1	✱	8290A	Total/NA
OCDD	1500		32	28	ng/Kg	1	✱	8290A	Total/NA
OCDF	100		21	11	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	190		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	240		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	71	I	11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	240		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	24	I	11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	180		11	4.3	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	27		2.1	0.43	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	180		2.1	1.3	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: COMP01-20251015

Lab Sample ID: 410-248808-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	30		9.1	3.6	ng/Kg	1	✱	8290A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Chemtech Consulting Group Inc.

Job ID: 410-248808-1

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

Client Sample ID: COMP01-20251015 (Continued)

Lab Sample ID: 410-248808-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDF	8.0	J	9.1	3.6	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	0.72	J I	1.8	0.36	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	2.3		1.8	1.1	ng/Kg	1	✱	8290A	Total/NA
OCDD	1000		27	24	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	90		9.1	3.6	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	15		9.1	3.6	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	35	I	9.1	3.6	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	18		9.1	3.6	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	14		9.1	3.6	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	23		9.1	3.6	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	5.9	I	1.8	0.36	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	26		1.8	1.1	ng/Kg	1	✱	8290A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample Results

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

Job ID: 410-248808-1

Client Sample ID: PR132-S01-085011-20251015

Lab Sample ID: 410-248808-1

Date Collected: 10/15/25 11:57

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 45.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	22		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,4,6,7,8-HpCDF	34		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,4,7,8-HxCDD	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,4,7,8-HxCDF	7.5	J	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,4,7,8,9-HpCDF	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,6,7,8-HxCDD	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,6,7,8-HxCDF	8.1	J	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,7,8-PeCDD	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,7,8-PeCDF	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,7,8,9-HxCDD	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
1,2,3,7,8,9-HxCDF	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
2,3,4,6,7,8-HxCDF	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
2,3,4,7,8-PeCDF	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
2,3,7,8-TCDD	1.9	J I	2.2	0.43	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
2,3,7,8-TCDF	4.8		2.2	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
OCDD	500		33	29	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
OCDF	34		22	11	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total HpCDD	57		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total HpCDF	56		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total HxCDD	25	I	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total HxCDF	50		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total PeCDD	7.2	J	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total PeCDF	43		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total TCDD	5.2	I	2.2	0.43	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1
Total TCDF	30		2.2	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 09:21	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	85		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,4,6,7,8-HpCDF	75		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,4,7,8-HxCDD	79		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,4,7,8-HxCDF	73		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,4,7,8,9-HpCDF	82		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,6,7,8-HxCDD	75		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,6,7,8-HxCDF	72		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,7,8-PeCDD	87		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,7,8-PeCDF	77		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,7,8,9-HxCDD	79		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-1,2,3,7,8,9-HxCDF	74		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-2,3,4,6,7,8-HxCDF	73		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-2,3,4,7,8-PeCDF	78		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-2,3,7,8-TCDD	71		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-2,3,7,8-TCDF	66		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-OCDD	82		40 - 135	11/25/25 18:36	11/30/25 09:21	1
13C-OCDF	76		40 - 135	11/25/25 18:36	11/30/25 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	54.5		1.0	1.0	%			10/28/25 08:11	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: 410-248808-1

Client Sample ID: PR132-S01-039085-20251015

Lab Sample ID: 410-248808-2

Date Collected: 10/15/25 12:10

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 50.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	570		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,4,6,7,8-HpCDF	350		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,4,7,8-HxCDD	5.3	J	9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,4,7,8-HxCDF	56		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,4,7,8,9-HpCDF	18		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,6,7,8-HxCDD	34		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,6,7,8-HxCDF	25		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,7,8-PeCDD	9.5	J I	9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,7,8-PeCDF	15		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,7,8,9-HxCDD	15		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
1,2,3,7,8,9-HxCDF	5.8	J	9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
2,3,4,6,7,8-HxCDF	21		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
2,3,4,7,8-PeCDF	31		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
2,3,7,8-TCDD	190		2.0	0.39	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
2,3,7,8-TCDF	31		2.0	1.2	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
OCDD	5500		29	26	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
OCDF	770		20	9.8	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total HpCDD	1300		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total HpCDF	830		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total HxCDD	270		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total HxCDF	420		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total PeCDD	63	I	9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total PeCDF	510		9.8	3.9	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total TCDD	220		2.0	0.39	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1
Total TCDF	760		2.0	1.2	ng/Kg	✱	11/25/25 18:36	11/30/25 10:12	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	80		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,4,6,7,8-HpCDF	74		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,4,7,8-HxCDD	73		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,4,7,8-HxCDF	66		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,4,7,8,9-HpCDF	79		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,6,7,8-HxCDD	66		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,6,7,8-HxCDF	68		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,7,8-PeCDD	71		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,7,8-PeCDF	59		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,7,8,9-HxCDD	71		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-1,2,3,7,8,9-HxCDF	71		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-2,3,4,6,7,8-HxCDF	69		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-2,3,4,7,8-PeCDF	66		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-2,3,7,8-TCDD	59		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-2,3,7,8-TCDF	56		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-OCDD	84		40 - 135	11/25/25 18:36	11/30/25 10:12	1
13C-OCDF	78		40 - 135	11/25/25 18:36	11/30/25 10:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	49.2		1.0	1.0	%			10/28/25 08:11	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: 410-248808-1

Client Sample ID: PR132-S03-028010-20251015

Lab Sample ID: 410-248808-3

Date Collected: 10/15/25 13:15

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 45.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	630	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,4,6,7,8-HpCDF	310	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,4,7,8-HxCDD	4.9	J cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,4,7,8-HxCDF	47	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,4,7,8,9-HpCDF	15	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,6,7,8-HxCDD	39	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,6,7,8-HxCDF	20	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,7,8-PeCDD	11	I cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,7,8-PeCDF	12	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,7,8,9-HxCDD	16	I cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
1,2,3,7,8,9-HxCDF	6.1	J cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
2,3,4,6,7,8-HxCDF	19	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
2,3,4,7,8-PeCDF	30	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
2,3,7,8-TCDD	330	cn	2.1	0.42	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
2,3,7,8-TCDF	ND	cn	2.1	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
OCDD	5400	cn	32	28	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
OCDF	580	cn	21	11	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total HpCDD	1800	cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total HpCDF	710	I cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total HxCDD	350	I cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total HxCDF	360	I cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total PeCDD	76	I cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total PeCDF	640	I cn	11	4.2	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total TCDD	410	I cn	2.1	0.42	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1
Total TCDF	1200	I cn	2.1	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:05	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	17	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,4,6,7,8-HpCDF	14	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,4,7,8-HxCDD	12	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,4,7,8-HxCDF	11	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,4,7,8,9-HpCDF	17	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,6,7,8-HxCDD	11	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,6,7,8-HxCDF	10	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,7,8-PeCDD	9	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,7,8-PeCDF	9	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,7,8,9-HxCDD	13	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-1,2,3,7,8,9-HxCDF	12	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-2,3,4,6,7,8-HxCDF	11	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-2,3,4,7,8-PeCDF	9	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-2,3,7,8-TCDD	9	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-2,3,7,8-TCDF	8	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-OCDD	21	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1
13C-OCDF	19	*5- cn	40 - 135	11/25/25 18:36	11/30/25 11:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	54.3		1.0	1.0	%			10/28/25 08:11	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: 410-248808-1

Client Sample ID: PR132-S03-010013-20251015

Lab Sample ID: 410-248808-4

Date Collected: 10/15/25 13:30

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 46.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	65		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,4,6,7,8-HpCDF	140		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,4,7,8-HxCDD	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,4,7,8-HxCDF	28		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,4,7,8,9-HpCDF	15		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,6,7,8-HxCDD	4.8	J I	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,6,7,8-HxCDF	35		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,7,8-PeCDD	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,7,8-PeCDF	14		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,7,8,9-HxCDD	ND		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
1,2,3,7,8,9-HxCDF	5.6	J	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
2,3,4,6,7,8-HxCDF	15		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
2,3,4,7,8-PeCDF	13		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
2,3,7,8-TCDD	15		2.1	0.43	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
2,3,7,8-TCDF	12		2.1	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
OCDD	1500		32	28	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
OCDF	100		21	11	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total HpCDD	190		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total HpCDF	240		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total HxCDD	71	I	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total HxCDF	240		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total PeCDD	24	I	11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total PeCDF	180		11	4.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total TCDD	27		2.1	0.43	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1
Total TCDF	180		2.1	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 11:56	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	84		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,4,6,7,8-HpCDF	73		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,4,7,8-HxCDD	78		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,4,7,8-HxCDF	74		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,4,7,8,9-HpCDF	83		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,6,7,8-HxCDD	78		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,6,7,8-HxCDF	73		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,7,8-PeCDD	77		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,7,8-PeCDF	68		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,7,8,9-HxCDD	83		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-1,2,3,7,8,9-HxCDF	78		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-2,3,4,6,7,8-HxCDF	73		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-2,3,4,7,8-PeCDF	63		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-2,3,7,8-TCDD	73		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-2,3,7,8-TCDF	68		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-OCDD	78		40 - 135	11/25/25 18:36	11/30/25 11:56	1
13C-OCDF	75		40 - 135	11/25/25 18:36	11/30/25 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	53.9		1.0	1.0	%			10/28/25 08:11	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: 410-248808-1

Client Sample ID: COMP01-20251015

Lab Sample ID: 410-248808-5

Date Collected: 10/15/25 13:53

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 53.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	30		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,4,6,7,8-HpCDF	8.0	J	9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,4,7,8-HxCDD	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,4,7,8-HxCDF	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,4,7,8,9-HpCDF	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,6,7,8-HxCDD	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,6,7,8-HxCDF	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,7,8-PeCDD	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,7,8-PeCDF	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,7,8,9-HxCDD	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
1,2,3,7,8,9-HxCDF	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
2,3,4,6,7,8-HxCDF	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
2,3,4,7,8-PeCDF	ND		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
2,3,7,8-TCDD	0.72	J I	1.8	0.36	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
2,3,7,8-TCDF	2.3		1.8	1.1	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
OCDD	1000		27	24	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
OCDF	ND		18	9.1	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total HpCDD	90		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total HpCDF	15		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total HxCDD	35	I	9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total HxCDF	18		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total PeCDD	14		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total PeCDF	23		9.1	3.6	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total TCDD	5.9	I	1.8	0.36	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1
Total TCDF	26		1.8	1.1	ng/Kg	✱	11/25/25 18:36	11/30/25 12:48	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	82		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,4,6,7,8-HpCDF	75		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,4,7,8-HxCDD	73		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,4,7,8-HxCDF	70		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,4,7,8,9-HpCDF	79		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,6,7,8-HxCDD	73		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,6,7,8-HxCDF	70		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,7,8-PeCDD	59		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,7,8-PeCDF	61		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,7,8,9-HxCDD	75		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-1,2,3,7,8,9-HxCDF	72		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-2,3,4,6,7,8-HxCDF	70		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-2,3,4,7,8-PeCDF	61		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-2,3,7,8-TCDD	72		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-2,3,7,8-TCDF	67		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-OCDD	79		40 - 135	11/25/25 18:36	11/30/25 12:48	1
13C-OCDF	75		40 - 135	11/25/25 18:36	11/30/25 12:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	46.2		1.0	1.0	%			10/28/25 08:11	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: 410-248808-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	HpCDD (40-135)	HpCDF (40-135)	HxCDD (40-135)	HxCDF (40-135)	HpCDF2 (40-135)	HxDD (40-135)	HxDF (40-135)	PeCDD (40-135)
410-248808-1	PR132-S01-085011-20251015	85	75	79	73	82	75	72	87
410-248808-2	PR132-S01-039085-20251015	80	74	73	66	79	66	68	71
410-248808-3	PR132-S03-028010-20251015	17 *5- cn	14 *5- cn	12 *5- cn	11 *5- cn	17 *5- cn	11 *5- cn	10 *5- cn	9 *5- cn
410-248808-4	PR132-S03-010013-20251015	84	73	78	74	83	78	73	77
410-248808-5	COMP01-20251015	82	75	73	70	79	73	70	59
LCS 410-735657/2-A	Lab Control Sample	76	77	77	78	78	91	80	70
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 (40-135)	13CHxCD (40-135)	HxCF (40-135)	13CHxCF (40-135)	PeCF (40-135)	TCDD (40-135)	TCDF (40-135)	OCDD (40-135)
410-248808-1	PR132-S01-085011-20251015	77	79	74	73	78	71	66	82
410-248808-2	PR132-S01-039085-20251015	59	71	71	69	66	59	56	84
410-248808-3	PR132-S03-028010-20251015	9 *5- cn	13 *5- cn	12 *5- cn	11 *5- cn	9 *5- cn	9 *5- cn	8 *5- cn	21 *5- cn
410-248808-4	PR132-S03-010013-20251015	68	83	78	73	63	73	68	78
410-248808-5	COMP01-20251015	61	75	72	70	61	72	67	79
LCS 410-735657/2-A	Lab Control Sample	79	82	78	79	71	63	65	74
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 (40-135)							
410-248808-1	PR132-S01-085011-20251015	76							
410-248808-2	PR132-S01-039085-20251015	78							
410-248808-3	PR132-S03-028010-20251015	19 *5- cn							
410-248808-4	PR132-S03-010013-20251015	75							
410-248808-5	COMP01-20251015	75							
LCS 410-735657/2-A	Lab Control Sample	76							
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

Eurofins Lancaster Laboratories Environment Testing, LLC

QC Sample Results

Client: Chemtech Consulting Group Inc.

Job ID: 410-248808-1

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

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

Lab Sample ID: MB 410-735657/1-A

Matrix: Solid

Analysis Batch: 736239

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 735657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,6,7,8-HpCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,7,8-HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,7,8-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,4,7,8,9-HpCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,6,7,8-HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,6,7,8-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8-PeCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8-PeCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8,9-HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
1,2,3,7,8,9-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,4,6,7,8-HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,4,7,8-PeCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,7,8-TCDD	ND		1.0	0.20	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
2,3,7,8-TCDF	ND		1.0	0.60	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
OCDD	ND		15	13	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
OCDF	ND		10	5.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HpCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HpCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HxCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total HxCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total PeCDD	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total PeCDF	ND		5.0	2.0	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total TCDD	ND		1.0	0.20	ng/Kg		11/25/25 18:36	11/29/25 13:12	1
Total TCDF	ND		1.0	0.60	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		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,4,6,7,8-HpCDF	68		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,4,7,8-HxCDD	74		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,4,7,8-HxCDF	69		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,4,7,8,9-HpCDF	67		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,6,7,8-HxCDD	80		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,6,7,8-HxCDF	76		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,7,8-PeCDD	124		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,7,8-PeCDF	90		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,7,8,9-HxCDD	78		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-1,2,3,7,8,9-HxCDF	71		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-2,3,4,6,7,8-HxCDF	73		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-2,3,4,7,8-PeCDF	122		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-2,3,7,8-TCDD	62		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-2,3,7,8-TCDF	58		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-OCDD	65		40 - 135	11/25/25 18:36	11/29/25 13:12	1
13C-OCDF	66		40 - 135	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.

Job ID: 410-248808-1

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

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

Lab Sample ID: LCS 410-735657/2-A

Matrix: Solid

Analysis Batch: 736239

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	79 - 129
1,2,3,4,6,7,8-HpCDF	100	101		ng/Kg		101	80 - 128
1,2,3,4,7,8-HxCDD	100	103		ng/Kg		103	79 - 134
1,2,3,4,7,8-HxCDF	100	104		ng/Kg		104	79 - 128
1,2,3,4,7,8,9-HpCDF	100	102		ng/Kg		102	80 - 127
1,2,3,6,7,8-HxCDD	100	95.6		ng/Kg		96	78 - 131
1,2,3,6,7,8-HxCDF	100	104		ng/Kg		104	80 - 128
1,2,3,7,8-PeCDD	100	104		ng/Kg		104	77 - 137
1,2,3,7,8-PeCDF	100	99.8		ng/Kg		100	77 - 140
1,2,3,7,8,9-HxCDD	100	103		ng/Kg		103	80 - 130
1,2,3,7,8,9-HxCDF	100	99.8		ng/Kg		100	79 - 127
2,3,4,6,7,8-HxCDF	100	106		ng/Kg		106	80 - 128
2,3,4,7,8-PeCDF	100	103		ng/Kg		103	79 - 135
2,3,7,8-TCDD	20.0	20.8		ng/Kg		104	76 - 136
2,3,7,8-TCDF	20.0	20.1		ng/Kg		101	76 - 133
OCDD	200	213		ng/Kg		107	79 - 132
OCDF	200	212		ng/Kg		106	79 - 129

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C-1,2,3,4,6,7,8-HpCDD	76		40 - 135
13C-1,2,3,4,6,7,8-HpCDF	77		40 - 135
13C-1,2,3,4,7,8-HxCDD	77		40 - 135
13C-1,2,3,4,7,8-HxCDF	78		40 - 135
13C-1,2,3,4,7,8,9-HpCDF	78		40 - 135
13C-1,2,3,6,7,8-HxCDD	91		40 - 135
13C-1,2,3,6,7,8-HxCDF	80		40 - 135
13C-1,2,3,7,8-PeCDD	70		40 - 135
13C-1,2,3,7,8-PeCDF	79		40 - 135
13C-1,2,3,7,8,9-HxCDD	82		40 - 135
13C-1,2,3,7,8,9-HxCDF	78		40 - 135
13C-2,3,4,6,7,8-HxCDF	79		40 - 135
13C-2,3,4,7,8-PeCDF	71		40 - 135
13C-2,3,7,8-TCDD	63		40 - 135
13C-2,3,7,8-TCDF	65		40 - 135
13C-OCDD	74		40 - 135
13C-OCDF	76		40 - 135

QC Association Summary

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

Job ID: 410-248808-1

Specialty Organics

Prep Batch: 735657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248808-1	PR132-S01-085011-20251015	Total/NA	Solid	HRMS-Soxtherm	
410-248808-2	PR132-S01-039085-20251015	Total/NA	Solid	HRMS-Soxtherm	
410-248808-3	PR132-S03-028010-20251015	Total/NA	Solid	HRMS-Soxtherm	
410-248808-4	PR132-S03-010013-20251015	Total/NA	Solid	HRMS-Soxtherm	
410-248808-5	COMP01-20251015	Total/NA	Solid	HRMS-Soxtherm	
MB 410-735657/1-A	Method Blank	Total/NA	Solid	HRMS-Soxtherm	
LCS 410-735657/2-A	Lab Control Sample	Total/NA	Solid	HRMS-Soxtherm	

Analysis Batch: 736227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248808-1	PR132-S01-085011-20251015	Total/NA	Solid	8290A	735657
410-248808-2	PR132-S01-039085-20251015	Total/NA	Solid	8290A	735657
410-248808-3	PR132-S03-028010-20251015	Total/NA	Solid	8290A	735657
410-248808-4	PR132-S03-010013-20251015	Total/NA	Solid	8290A	735657
410-248808-5	COMP01-20251015	Total/NA	Solid	8290A	735657

Analysis Batch: 736239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-735657/1-A	Method Blank	Total/NA	Solid	8290A	735657
LCS 410-735657/2-A	Lab Control Sample	Total/NA	Solid	8290A	735657

General Chemistry

Analysis Batch: 720864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248808-1	PR132-S01-085011-20251015	Total/NA	Solid	Moisture	
410-248808-2	PR132-S01-039085-20251015	Total/NA	Solid	Moisture	
410-248808-3	PR132-S03-028010-20251015	Total/NA	Solid	Moisture	
410-248808-4	PR132-S03-010013-20251015	Total/NA	Solid	Moisture	
410-248808-5	COMP01-20251015	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: 410-248808-1

Client Sample ID: PR132-S01-085011-20251015

Lab Sample ID: 410-248808-1

Date Collected: 10/15/25 11:57

Matrix: Solid

Date Received: 10/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720864	E5GC	ELLE	10/28/25 08:11

Client Sample ID: PR132-S01-085011-20251015

Lab Sample ID: 410-248808-1

Date Collected: 10/15/25 11:57

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 45.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	8290A		1	736227	TJK2	ELLE	11/30/25 09:21

Client Sample ID: PR132-S01-039085-20251015

Lab Sample ID: 410-248808-2

Date Collected: 10/15/25 12:10

Matrix: Solid

Date Received: 10/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720864	E5GC	ELLE	10/28/25 08:11

Client Sample ID: PR132-S01-039085-20251015

Lab Sample ID: 410-248808-2

Date Collected: 10/15/25 12:10

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 50.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	8290A		1	736227	TJK2	ELLE	11/30/25 10:12

Client Sample ID: PR132-S03-028010-20251015

Lab Sample ID: 410-248808-3

Date Collected: 10/15/25 13:15

Matrix: Solid

Date Received: 10/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720864	E5GC	ELLE	10/28/25 08:11

Client Sample ID: PR132-S03-028010-20251015

Lab Sample ID: 410-248808-3

Date Collected: 10/15/25 13:15

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 45.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	8290A		1	736227	TJK2	ELLE	11/30/25 11:05

Client Sample ID: PR132-S03-010013-20251015

Lab Sample ID: 410-248808-4

Date Collected: 10/15/25 13:30

Matrix: Solid

Date Received: 10/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720864	E5GC	ELLE	10/28/25 08:11

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: 410-248808-1

Client Sample ID: PR132-S03-010013-20251015

Lab Sample ID: 410-248808-4

Date Collected: 10/15/25 13:30

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 46.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	8290A		1	736227	TJK2	ELLE	11/30/25 11:56

Client Sample ID: COMP01-20251015

Lab Sample ID: 410-248808-5

Date Collected: 10/15/25 13:53

Matrix: Solid

Date Received: 10/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	720864	E5GC	ELLE	10/28/25 08:11

Client Sample ID: COMP01-20251015

Lab Sample ID: 410-248808-5

Date Collected: 10/15/25 13:53

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 53.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	8290A		1	736227	TJK2	ELLE	11/30/25 12:48

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: 410-248808-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-26

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

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

Method Summary

Client: Chemtech Consulting Group Inc.

Job ID: 410-248808-1

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

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

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

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

Job ID: 410-248808-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-248808-1	PR132-S01-085011-20251015	Solid	10/15/25 11:57	10/23/25 10:10	New York
410-248808-2	PR132-S01-039085-20251015	Solid	10/15/25 12:10	10/23/25 10:10	New York
410-248808-3	PR132-S03-028010-20251015	Solid	10/15/25 13:15	10/23/25 10:10	New York
410-248808-4	PR132-S03-010013-20251015	Solid	10/15/25 13:30	10/23/25 10:10	New York
410-248808-5	COMP01-20251015	Solid	10/15/25 13:53	10/23/25 10:10	New York



410-248808 Chain of Custody

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
COMPANY : Eurofins Eaton Analytical South Bend	ORDER ID : Q3364	BILL TO: CHEMTECH PO# : Q3364
ADDRESS : 110 South Bend	PROJECT ID:AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1	ADDRESS : 284, Sheffield Street
CITY:South Bend State :IN ZIP :46617	PROJECT MANAGER YAZMEEN	CITY: Mountainside State : NJ ZIP : 07092
E-mail :Nathan.Trowbridge@et.eurofinsus.	E-mail : YAZMEEN.GOMEZ@AllianceTG.com	ATTENTION :YAZMEE
PHONE :574-233-4777	PHONE : (908) 789 8900 FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922

EDD : EQUIS	Report : NYS ASP A	Comment : NY. GRABS.
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ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	PR132-S01-085011-20251015	Solid	Dioxin BY 522	Cool 4 deg C	Chemtech -SOP	10/15/2025	11:57:00	1	10
02	PR132-S01-039085-20251015	Solid	Dioxin BY 522	Cool 4 deg C	Chemtech -SOP	10/15/2025	12:10:00	1	10
03	PR132-S03-028010-20251015	Solid	Dioxin BY 522	Cool 4 deg C	Chemtech -SOP	10/15/2025	13:15:00	1	10
04	PR132-S03-010013-20251015	Solid	Dioxin BY 522	Cool 4 deg C	Chemtech -SOP	10/15/2025	13:30:00	1	10
05	COMP01-20251015	Solid	Dioxin BY 522	Cool 4 deg C	Chemtech -SOP	10/15/2025	13:53:00	1	10

Initial Temp: 1.4
Corrected Temp: 6.9 cel
IR Gun # 3

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY					
RELINQUISHED BY SAMPLER:	DATETIME:	RECEIVED BY:	Conditions of bottles or Coolers at receipt:	☐ Compliant ☐ Non Compliant	Cooler Temp _____ Ice or Cooler? _____
1.	10/20/25	1. EEA 10/21/2025 9:15 am			
RELINQUISHED BY: (EEA-SB)	DATETIME:	RECEIVED BY:			
2.	10/21/2025 1650	2.			
RELINQUISHED BY:	DATETIME:	RECEIVED BY:		☐ OVERNIGHT ☐ OVERNIGHT	Shipment Complete: ☐ YES ☐ NO
3.		3.	10/23/25 1010 am		

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: AECOM
ADDRESS: 605 Third Avenue
CITY: New York STATE: NY ZIP: 10158
ATTENTION: Robert Forstner
PHONE: 212-377-8721 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond 132
PROJECT NO.: 60693795 LOCATION: Staten Island
PROJECT MANAGER: Rob Forstner
e-mail: robert.forstner@aecom.com
PHONE: 212-377-8721 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS: 605 Third Avenue
CITY: New York STATE: NY ZIP: 10158
ATTENTION: Rob Forstner PHONE: 212-377-8721

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-TOLS 3. Mercury-Metals 4. PCBs/Hexachlor 5. Dioxin 6. Grain Size 7. TOC 8. VOCs 9.

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES										
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	F			
								1	2	3	4	5	6	7	8	9		
1.	PR132-S01-085011-20251015	Soil		X	10/15	1157	11	X	X	X	X	X	X	X	X			
2.	PR132-S01-039085-20251015	Soil		X	10/15	1210	11	X	X	X	X	X	X	X	X			
3.	PR132-S03-028010-20251015	Soil		X	10/15	1315	11	X	X	X	X	X	X	X	X			
4.	PR132-S03-010013-20251015	Soil		X	10/15	1330	11	X	X	X	X	X	X	X	X			
5.	COMP01-20251015	Soil	X		10/15	1353	11	X	X	X	X	X	X	X	X			
6.	TB-01	Water			10/15		1	X	X	X	X	X	X	X	X	X		Temp Blank
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. Jim Alderson DATE/TIME: 1700 10/15/25 RECEIVED BY: 1. [Signature] 1700 10-15-25
RELINQUISHED BY SAMPLER: 2. DATE/TIME: RECEIVED BY: 2. [Signature]
RELINQUISHED BY SAMPLER: 3. DATE/TIME: 1750 10-15-25 RECEIVED BY: 3. [Signature]

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments:

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 410-248808-1

Login Number: 248808

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: McCaskey, Jonathan

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.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace $> 6\text{mm}$ in diameter (none, if from WV)?	N/A	