

DATA PACKAGE

SUB - DATA

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

AECOM

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ORDER ID : Q3379

ATTENTION : Rob Forstner



Cover Page

Order ID : Q3379

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

Client : AECOM

Lab Sample Number

Q3379-01
Q3379-02
Q3379-03
Q3379-04
Q3379-05

Client Sample Number

PR132-S05-057082-20251016
PR132-DP01-20251016
PR132-COMP2-20251016
PR132-S12-047072-20251016
PR132-S12-020047-20251016

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

Signature :

APPROVED

By *Nimisha Pandya, QA/QC Supervisor at 4:02 pm, Dec 02, 2025*

Date: 11/7/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

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

JOB NUMBER

410-248809-1

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
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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.

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

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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: 410-248809-1

Qualifiers

Dioxin

Qualifier	Qualifier Description
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: 410-248809-1

Job ID: 410-248809-1

Eurofins Lancaster Laboratories Environment

Job Narrative 410-248809-1

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

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

General Chemistry

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

Detection Summary

Client: Chemtech Consulting Group Inc.

Job ID: 410-248809-1

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

Client Sample ID: PR132-S05-057082-20251016

Lab Sample ID: 410-248809-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	340		11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	390		11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	52		11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	16		11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	21		11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	20		11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDD	6.1	J	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	7.6	J	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	7.8	J	11	4.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDF	5.2	J	11	4.2	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	17		11	4.2	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	27		11	4.2	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	58		2.1	0.42	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	14		2.1	1.3	ng/Kg	1	✱	8290A	Total/NA
OCDD	2700		32	28	ng/Kg	1	✱	8290A	Total/NA
OCDF	520		21	11	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	760		11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	890		11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	160		11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	420		11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	57		11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	270		11	4.2	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	100		2.1	0.42	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	270		2.1	1.3	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: PR132-DP01-20251016

Lab Sample ID: 410-248809-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	970		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	720		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDD	7.0	J	13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	84		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	29		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	49		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	31		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDD	14		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	15		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	20		13	5.2	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDF	8.6	J	13	5.2	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	33		13	5.2	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	52		13	5.2	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	190		2.6	0.52	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	31		2.6	1.5	ng/Kg	1	✱	8290A	Total/NA
OCDD	7700		39	34	ng/Kg	1	✱	8290A	Total/NA
OCDF	1200		26	13	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	2200		13	5.2	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	1800		13	5.2	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	390		13	5.2	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	780		13	5.2	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	150		13	5.2	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	520		13	5.2	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: 410-248809-1

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

Client Sample ID: PR132-DP01-20251016 (Continued)

Lab Sample ID: 410-248809-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total TCDD	310		2.6	0.52	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	770		2.6	1.5	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: PR132-COMP2-20251016

Lab Sample ID: 410-248809-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	93		10	4.1	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	210		10	4.1	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	42		10	4.1	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	10		10	4.1	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	6.7	J	10	4.1	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	23		10	4.1	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	9.0	J	10	4.1	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	11		10	4.1	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	16		10	4.1	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	9.4		2.1	0.41	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	10		2.1	1.2	ng/Kg	1	✱	8290A	Total/NA
OCDD	980		31	27	ng/Kg	1	✱	8290A	Total/NA
OCDF	180		21	10	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	220		10	4.1	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	360		10	4.1	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	67	I	10	4.1	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	290		10	4.1	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	29		10	4.1	ng/Kg	1	✱	8290A	Total/NA
Total PeCDF	190		10	4.1	ng/Kg	1	✱	8290A	Total/NA
Total TCDD	32		2.1	0.41	ng/Kg	1	✱	8290A	Total/NA
Total TCDF	140		2.1	1.2	ng/Kg	1	✱	8290A	Total/NA

Client Sample ID: PR132-S12-047072-20251016

Lab Sample ID: 410-248809-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	320		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	180		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	31		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	9.6	J	11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	25		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	13		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDD	6.4	J	11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8-PeCDF	9.7	J	11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	11		11	4.4	ng/Kg	1	✱	8290A	Total/NA
1,2,3,7,8,9-HxCDF	4.4	J	11	4.4	ng/Kg	1	✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	13		11	4.4	ng/Kg	1	✱	8290A	Total/NA
2,3,4,7,8-PeCDF	24		11	4.4	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDD	86		2.2	0.44	ng/Kg	1	✱	8290A	Total/NA
2,3,7,8-TCDF	22		2.2	1.3	ng/Kg	1	✱	8290A	Total/NA
OCDD	2500		33	29	ng/Kg	1	✱	8290A	Total/NA
OCDF	280		22	11	ng/Kg	1	✱	8290A	Total/NA
Total HpCDD	850		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total HpCDF	400		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total HxCDD	220	I	11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total HxCDF	280		11	4.4	ng/Kg	1	✱	8290A	Total/NA
Total PeCDD	57		11	4.4	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: 410-248809-1

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

Client Sample ID: PR132-S12-047072-20251016 (Continued)

Lab Sample ID: 410-248809-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Total PeCDF	420		11	4.4	ng/Kg	1		✱	8290A	Total/NA
Total TCDD	200		2.2	0.44	ng/Kg	1		✱	8290A	Total/NA
Total TCDF	790		2.2	1.3	ng/Kg	1		✱	8290A	Total/NA

Client Sample ID: PR132-S12-020047-20251016

Lab Sample ID: 410-248809-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	330		10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	120		10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,4,7,8-HxCDF	21		10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	6.5	J	10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,6,7,8-HxCDD	23		10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,6,7,8-HxCDF	8.3	J	10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,7,8-PeCDD	5.5	J I	10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,7,8-PeCDF	7.3	J	10	4.1	ng/Kg	1		✱	8290A	Total/NA
1,2,3,7,8,9-HxCDD	9.7	J I	10	4.1	ng/Kg	1		✱	8290A	Total/NA
2,3,4,6,7,8-HxCDF	8.5	J	10	4.1	ng/Kg	1		✱	8290A	Total/NA
2,3,4,7,8-PeCDF	15		10	4.1	ng/Kg	1		✱	8290A	Total/NA
2,3,7,8-TCDD	22		2.1	0.41	ng/Kg	1		✱	8290A	Total/NA
2,3,7,8-TCDF	24		2.1	1.2	ng/Kg	1		✱	8290A	Total/NA
OCDD	2500		31	27	ng/Kg	1		✱	8290A	Total/NA
OCDF	200		21	10	ng/Kg	1		✱	8290A	Total/NA
Total HpCDD	820		10	4.1	ng/Kg	1		✱	8290A	Total/NA
Total HpCDF	260		10	4.1	ng/Kg	1		✱	8290A	Total/NA
Total HxCDD	200	I	10	4.1	ng/Kg	1		✱	8290A	Total/NA
Total HxCDF	150		10	4.1	ng/Kg	1		✱	8290A	Total/NA
Total PeCDD	37	I	10	4.1	ng/Kg	1		✱	8290A	Total/NA
Total PeCDF	170		10	4.1	ng/Kg	1		✱	8290A	Total/NA
Total TCDD	62		2.1	0.41	ng/Kg	1		✱	8290A	Total/NA
Total TCDF	320		2.1	1.2	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: 410-248809-1

Client Sample ID: PR132-S05-057082-20251016

Lab Sample ID: 410-248809-1

Date Collected: 10/16/25 10:35

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 46.5

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	340		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,4,6,7,8-HpCDF	390		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,4,7,8-HxCDD	ND		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,4,7,8-HxCDF	52		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,4,7,8,9-HpCDF	16		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,6,7,8-HxCDD	21		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,6,7,8-HxCDF	20		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,7,8-PeCDD	6.1	J	11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,7,8-PeCDF	7.6	J	11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,7,8,9-HxCDD	7.8	J	11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
1,2,3,7,8,9-HxCDF	5.2	J	11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
2,3,4,6,7,8-HxCDF	17		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
2,3,4,7,8-PeCDF	27		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
2,3,7,8-TCDD	58		2.1	0.42	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
2,3,7,8-TCDF	14		2.1	1.3	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
OCDD	2700		32	28	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
OCDF	520		21	11	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total HpCDD	760		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total HpCDF	890		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total HxCDD	160		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total HxCDF	420		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total PeCDD	57		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total PeCDF	270		11	4.2	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total TCDD	100		2.1	0.42	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1
Total TCDF	270		2.1	1.3	ng/Kg	☆	11/25/25 18:36	11/30/25 13:39	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	79		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,4,6,7,8-HpCDF	70		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,4,7,8-HxCDD	74		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,4,7,8-HxCDF	69		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,4,7,8,9-HpCDF	77		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,6,7,8-HxCDD	68		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,6,7,8-HxCDF	68		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,7,8-PeCDD	74		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,7,8-PeCDF	72		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,7,8,9-HxCDD	70		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-1,2,3,7,8,9-HxCDF	72		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-2,3,4,6,7,8-HxCDF	69		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-2,3,4,7,8-PeCDF	71		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-2,3,7,8-TCDD	58		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-2,3,7,8-TCDF	62		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-OCDD	76		40 - 135	11/25/25 18:36	11/30/25 13:39	1
13C-OCDF	72		40 - 135	11/25/25 18:36	11/30/25 13:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	53.5		1.0	1.0	%			10/28/25 08:11	1

Client Sample Results

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

Job ID: 410-248809-1

Client Sample ID: PR132-DP01-20251016

Lab Sample ID: 410-248809-2

Date Collected: 10/16/25 10:50

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 37.4

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	970		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,4,6,7,8-HpCDF	720		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,4,7,8-HxCDD	7.0	J	13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,4,7,8-HxCDF	84		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,4,7,8,9-HpCDF	29		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,6,7,8-HxCDD	49		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,6,7,8-HxCDF	31		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,7,8-PeCDD	14		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,7,8-PeCDF	15		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,7,8,9-HxCDD	20		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
1,2,3,7,8,9-HxCDF	8.6	J	13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
2,3,4,6,7,8-HxCDF	33		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
2,3,4,7,8-PeCDF	52		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
2,3,7,8-TCDD	190		2.6	0.52	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
2,3,7,8-TCDF	31		2.6	1.5	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
OCDD	7700		39	34	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
OCDF	1200		26	13	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total HpCDD	2200		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total HpCDF	1800		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total HxCDD	390		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total HxCDF	780		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total PeCDD	150		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total PeCDF	520		13	5.2	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total TCDD	310		2.6	0.52	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1
Total TCDF	770		2.6	1.5	ng/Kg	✱	11/25/25 18:36	11/30/25 14:31	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	77		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,4,6,7,8-HpCDF	67		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,4,7,8-HxCDD	69		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,4,7,8-HxCDF	66		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,4,7,8,9-HpCDF	77		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,6,7,8-HxCDD	68		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,6,7,8-HxCDF	64		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,7,8-PeCDD	68		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,7,8-PeCDF	64		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,7,8,9-HxCDD	72		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-1,2,3,7,8,9-HxCDF	71		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-2,3,4,6,7,8-HxCDF	68		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-2,3,4,7,8-PeCDF	66		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-2,3,7,8-TCDD	59		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-2,3,7,8-TCDF	57		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-OCDD	72		40 - 135	11/25/25 18:36	11/30/25 14:31	1
13C-OCDF	68		40 - 135	11/25/25 18:36	11/30/25 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	62.6		1.0	1.0	%			10/28/25 08:11	1

Client Sample Results

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

Job ID: 410-248809-1

Client Sample ID: PR132-COMP2-20251016

Lab Sample ID: 410-248809-3

Date Collected: 10/16/25 12:50

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 46.5

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	93		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,4,6,7,8-HpCDF	210		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,4,7,8-HxCDD	ND		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,4,7,8-HxCDF	42		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,4,7,8,9-HpCDF	10		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,6,7,8-HxCDD	6.7	J	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,6,7,8-HxCDF	23		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,7,8-PeCDD	ND		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,7,8-PeCDF	9.0	J	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,7,8,9-HxCDD	ND		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
1,2,3,7,8,9-HxCDF	ND		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
2,3,4,6,7,8-HxCDF	11		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
2,3,4,7,8-PeCDF	16		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
2,3,7,8-TCDD	9.4		2.1	0.41	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
2,3,7,8-TCDF	10		2.1	1.2	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
OCDD	980		31	27	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
OCDF	180		21	10	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total HpCDD	220		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total HpCDF	360		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total HxCDD	67	I	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total HxCDF	290		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total PeCDD	29		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total PeCDF	190		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total TCDD	32		2.1	0.41	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1
Total TCDF	140		2.1	1.2	ng/Kg	✱	11/25/25 18:36	11/30/25 20:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	78		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,4,6,7,8-HpCDF	68		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,4,7,8-HxCDD	74		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,4,7,8-HxCDF	70		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,4,7,8,9-HpCDF	73		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,6,7,8-HxCDD	69		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,6,7,8-HxCDF	67		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,7,8-PeCDD	71		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,7,8-PeCDF	67		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,7,8,9-HxCDD	75		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-1,2,3,7,8,9-HxCDF	69		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-2,3,4,6,7,8-HxCDF	68		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-2,3,4,7,8-PeCDF	68		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-2,3,7,8-TCDD	62		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-2,3,7,8-TCDF	60		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-OCDD	72		40 - 135	11/25/25 18:36	11/30/25 20:27	1
13C-OCDF	68		40 - 135	11/25/25 18:36	11/30/25 20:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	53.5		1.0	1.0	%			10/28/25 08:11	1

Client Sample Results

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

Job ID: 410-248809-1

Client Sample ID: PR132-S12-047072-20251016

Lab Sample ID: 410-248809-4

Date Collected: 10/16/25 13:25

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 44.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	320		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,4,6,7,8-HpCDF	180		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,4,7,8-HxCDD	ND		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,4,7,8-HxCDF	31		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,4,7,8,9-HpCDF	9.6	J	11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,6,7,8-HxCDD	25		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,6,7,8-HxCDF	13		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,7,8-PeCDD	6.4	J	11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,7,8-PeCDF	9.7	J	11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,7,8,9-HxCDD	11		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
1,2,3,7,8,9-HxCDF	4.4	J	11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
2,3,4,6,7,8-HxCDF	13		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
2,3,4,7,8-PeCDF	24		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
2,3,7,8-TCDD	86		2.2	0.44	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
2,3,7,8-TCDF	22		2.2	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
OCDD	2500		33	29	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
OCDF	280		22	11	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total HpCDD	850		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total HpCDF	400		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total HxCDD	220	I	11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total HxCDF	280		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total PeCDD	57		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total PeCDF	420		11	4.4	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total TCDD	200		2.2	0.44	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1
Total TCDF	790		2.2	1.3	ng/Kg	✱	11/25/25 18:36	11/30/25 21:19	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	78		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,4,6,7,8-HpCDF	68		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,4,7,8-HxCDD	71		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,4,7,8-HxCDF	66		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,4,7,8,9-HpCDF	74		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,6,7,8-HxCDD	68		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,6,7,8-HxCDF	66		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,7,8-PeCDD	78		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,7,8-PeCDF	66		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,7,8,9-HxCDD	75		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-1,2,3,7,8,9-HxCDF	69		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-2,3,4,6,7,8-HxCDF	68		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-2,3,4,7,8-PeCDF	71		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-2,3,7,8-TCDD	57		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-2,3,7,8-TCDF	60		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-OCDD	77		40 - 135	11/25/25 18:36	11/30/25 21:19	1
13C-OCDF	69		40 - 135	11/25/25 18:36	11/30/25 21:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	55.9		1.0	1.0	%			10/28/25 08:11	1

Client Sample Results

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

Job ID: 410-248809-1

Client Sample ID: PR132-S12-020047-20251016

Lab Sample ID: 410-248809-5

Date Collected: 10/16/25 13:15

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 47.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-HpCDD	330		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,4,6,7,8-HpCDF	120		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,4,7,8-HxCDD	ND		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,4,7,8-HxCDF	21		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,4,7,8,9-HpCDF	6.5	J	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,6,7,8-HxCDD	23		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,6,7,8-HxCDF	8.3	J	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,7,8-PeCDD	5.5	J I	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,7,8-PeCDF	7.3	J	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,7,8,9-HxCDD	9.7	J I	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
1,2,3,7,8,9-HxCDF	ND		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
2,3,4,6,7,8-HxCDF	8.5	J	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
2,3,4,7,8-PeCDF	15		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
2,3,7,8-TCDD	22		2.1	0.41	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
2,3,7,8-TCDF	24		2.1	1.2	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
OCDD	2500		31	27	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
OCDF	200		21	10	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total HpCDD	820		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total HpCDF	260		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total HxCDD	200	I	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total HxCDF	150		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total PeCDD	37	I	10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total PeCDF	170		10	4.1	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total TCDD	62		2.1	0.41	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1
Total TCDF	320		2.1	1.2	ng/Kg	✱	11/25/25 18:36	11/30/25 22:11	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,4,6,7,8-HpCDD	83		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,4,6,7,8-HpCDF	70		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,4,7,8-HxCDD	75		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,4,7,8-HxCDF	73		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,4,7,8,9-HpCDF	82		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,6,7,8-HxCDD	69		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,6,7,8-HxCDF	69		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,7,8-PeCDD	71		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,7,8-PeCDF	53		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,7,8,9-HxCDD	74		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-1,2,3,7,8,9-HxCDF	74		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-2,3,4,6,7,8-HxCDF	70		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-2,3,4,7,8-PeCDF	62		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-2,3,7,8-TCDD	62		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-2,3,7,8-TCDF	59		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-OCDD	82		40 - 135	11/25/25 18:36	11/30/25 22:11	1
13C-OCDF	77		40 - 135	11/25/25 18:36	11/30/25 22:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	53.0		1.0	1.0	%			10/28/25 08:11	1

Isotope Dilution Summary

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

Job ID: 410-248809-1

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)
410-248809-1	PR132-S05-057082-20251016	79	70	74	69	77	68	68	74
410-248809-2	PR132-DP01-20251016	77	67	69	66	77	68	64	68
410-248809-3	PR132-COMP2-20251016	78	68	74	70	73	69	67	71
410-248809-4	PR132-S12-047072-20251016	78	68	71	66	74	68	66	78
410-248809-5	PR132-S12-020047-20251016	83	70	75	73	82	69	69	71
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)
410-248809-1	PR132-S05-057082-20251016	72	70	72	69	71	58	62	76
410-248809-2	PR132-DP01-20251016	64	72	71	68	66	59	57	72
410-248809-3	PR132-COMP2-20251016	67	75	69	68	68	62	60	72
410-248809-4	PR132-S12-047072-20251016	66	75	69	68	71	57	60	77
410-248809-5	PR132-S12-020047-20251016	53	74	74	70	62	62	59	82
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)							
410-248809-1	PR132-S05-057082-20251016	72							
410-248809-2	PR132-DP01-20251016	68							
410-248809-3	PR132-COMP2-20251016	68							
410-248809-4	PR132-S12-047072-20251016	69							
410-248809-5	PR132-S12-020047-20251016	77							
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

QC Sample Results

Client: Chemtech Consulting Group Inc.

Job ID: 410-248809-1

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

QC Sample Results

Client: Chemtech Consulting Group Inc.

Job ID: 410-248809-1

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: 410-248809-1

Specialty Organics

Prep Batch: 735657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-248809-1	PR132-S05-057082-20251016	Total/NA	Solid	HRMS-Soxtherm	
410-248809-2	PR132-DP01-20251016	Total/NA	Solid	HRMS-Soxtherm	
410-248809-3	PR132-COMP2-20251016	Total/NA	Solid	HRMS-Soxtherm	
410-248809-4	PR132-S12-047072-20251016	Total/NA	Solid	HRMS-Soxtherm	
410-248809-5	PR132-S12-020047-20251016	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
410-248809-1	PR132-S05-057082-20251016	Total/NA	Solid	8290A	735657
410-248809-2	PR132-DP01-20251016	Total/NA	Solid	8290A	735657
410-248809-3	PR132-COMP2-20251016	Total/NA	Solid	8290A	735657
410-248809-4	PR132-S12-047072-20251016	Total/NA	Solid	8290A	735657
410-248809-5	PR132-S12-020047-20251016	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
410-248809-1	PR132-S05-057082-20251016	Total/NA	Solid	Moisture	
410-248809-2	PR132-DP01-20251016	Total/NA	Solid	Moisture	
410-248809-3	PR132-COMP2-20251016	Total/NA	Solid	Moisture	
410-248809-4	PR132-S12-047072-20251016	Total/NA	Solid	Moisture	
410-248809-5	PR132-S12-020047-20251016	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: 410-248809-1

Client Sample ID: PR132-S05-057082-20251016

Lab Sample ID: 410-248809-1

Date Collected: 10/16/25 10:35

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-S05-057082-20251016

Lab Sample ID: 410-248809-1

Date Collected: 10/16/25 10:35

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 46.5

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 13:39

Client Sample ID: PR132-DP01-20251016

Lab Sample ID: 410-248809-2

Date Collected: 10/16/25 10:50

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-DP01-20251016

Lab Sample ID: 410-248809-2

Date Collected: 10/16/25 10:50

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 37.4

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 14:31

Client Sample ID: PR132-COMP2-20251016

Lab Sample ID: 410-248809-3

Date Collected: 10/16/25 12:50

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-COMP2-20251016

Lab Sample ID: 410-248809-3

Date Collected: 10/16/25 12:50

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 46.5

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 20:27

Client Sample ID: PR132-S12-047072-20251016

Lab Sample ID: 410-248809-4

Date Collected: 10/16/25 13:25

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: 410-248809-1

Client Sample ID: PR132-S12-047072-20251016

Lab Sample ID: 410-248809-4

Date Collected: 10/16/25 13:25

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 44.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735657	SA8Q	ELLE	11/25/25 18:36
Total/NA	Analysis	8290A		1	736227	TJK2	ELLE	11/30/25 21:19

Client Sample ID: PR132-S12-020047-20251016

Lab Sample ID: 410-248809-5

Date Collected: 10/16/25 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-S12-020047-20251016

Lab Sample ID: 410-248809-5

Date Collected: 10/16/25 13:15

Matrix: Solid

Date Received: 10/23/25 10:10

Percent Solids: 47.0

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 22:11

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: 410-248809-1

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: 410-248809-1

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: 410-248809-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-248809-1	PR132-S05-057082-20251016	Solid	10/16/25 10:35	10/23/25 10:10	New York
410-248809-2	PR132-DP01-20251016	Solid	10/16/25 10:50	10/23/25 10:10	New York
410-248809-3	PR132-COMP2-20251016	Solid	10/16/25 12:50	10/23/25 10:10	New York
410-248809-4	PR132-S12-047072-20251016	Solid	10/16/25 13:25	10/23/25 10:10	New York
410-248809-5	PR132-S12-020047-20251016	Solid	10/16/25 13:15	10/23/25 10:10	New York



CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
COMPANY : Eurofins Eaton Analytical South Bend	ORDER ID : Q3379	BILL TO: CHEMTECH PO# : Q3379
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-S05-057082-20251016	Solid	Dioxin BY 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/16/2025	10:35:00	1	10
02	PR132-DP01-20251016	Solid	Dioxin BY 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/16/2025	10:50:00	1	10
03	PR132-COMP2-20251016	Solid	Dioxin BY 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/16/2025	12:50:00	1	10
04	PR132-S12-047072-20251016	Solid	Dioxin BY 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/16/2025	13:25:00	1	10
05	PR132-S12-020047-20251016	Solid	Dioxin BY 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/16/2025	13:15:00	1	10

Initial Temp: 1.4
Corrected Temp: 0.0 wet
IR Gun # TO

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:						
1. <i>[Signature]</i>	10/20/25	1. <i>[Signature]</i>	☐ Compliant ☐ Non Compliant Cooler Temp _____						
RELINQUISHED BY: (EEA-SB)	DATETIME:	RECEIVED BY:	Ice or Cooler? <i>2.6/1-2</i>						
2. <i>Rameison Williams</i>	10/21/2025 1650	2. <i>[Signature]</i>	☐ OVERNIGHT ☐ OVERNIGHT Shipment Complete:						
RELINQUISHED BY:	DATETIME:	RECEIVED BY:	☐ YES ☐ NO						
3. <i>[Signature]</i>		3. <i>[Signature]</i>							

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 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 3rd Ave
CITY New York STATE: NY ZIP: 10138
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

SVOCs
Pesticides - TCL
Micro Metals
DBP 2/Hexachlor
Dioxin
Gram Size
TAC
VOCs

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										Math	Specify Preservatives	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	PRI32-S05-057082-20251016	S		X	10/16	1035	11	X	X	X	X	X	X	X	X				
2.	PRI32-DP01-20251016	S		X	10/16	1050	11	X	X	X	X	X	X	X	X				
3.	PRI32-COMP2-20251016	S	X		10/16	1250	11	X	X	X	X	X	X	X	X				
4.	PRI32-S12-047072-20251016	S		X	10/16	1325	11	X	X	X	X	X	X	X	X				
5.	PRI32-S12-020047-20251016	S		X	10/16	1315	11	X	X	X	X	X	X	X	X				
6.	PRI32-FB01-20251016	A			10/16	1355	1	X	X	X	X	X			X				
7.	Temp Blank	A													X				
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: 10/16/25 RECEIVED BY: 1. 10-16-25
RELINQUISHED BY SAMPLER: 2. DATE/TIME: RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3. DATE/TIME: 10-16-25 RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments:

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete
☐ YES ☐ NO

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 410-248809-1

Login Number: 248809

List Number: 1

Creator: McCaskey, Jonathan

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(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	