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

DATA PACKAGE

METALS

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

AECOM

605 3rd Avenue

29th Floor

New York, NY - 10158

Phone No: 212-973-2900

ORDER ID : Q3421

ATTENTION : Rob Forstner

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

Cover Page

Order ID : Q3421

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

Client : AECOM

Lab Sample Number	Client Sample Number
Q3421-01	PR-132-S16-015094-20251021
Q3421-02	Q3421-01MS
Q3421-03	Q3421-01MSD
Q3421-04	PR132-S16-119133-20251021
Q3421-05	PR132-S16-094119-20251021

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

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 5:01 pm, Dec 02, 2025

Date: 11/5/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/2/2025 4:38:11 PM

JOB DESCRIPTION

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

JOB NUMBER

410-249399-1

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

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Barb Weyandt

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

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

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

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

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

Table of Contents

Qualifiers

Dioxin

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 410-249399-1 Eurofins Lancaster Laboratories Environment

Job Narrative
410-249399-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

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

Dioxin
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: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR-132-S16-015094-20251021
Lab Sample ID: 410-249399-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	340	F1 F2	9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	140	F1 F2	9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,4,7,8-HxCDF	29		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	8.3	J	9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,6,7,8-HxCDD	28		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,6,7,8-HxCDF	11		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,7,8-PeCDD	5.5	J	9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,7,8-PeCDF	7.7	J	9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
1,2,3,7,8,9-HxCDD	12		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
2,3,4,6,7,8-HxCDF	10		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
2,3,4,7,8-PeCDF	17		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
2,3,7,8-TCDD	30	F1 F2	1.9	0.38	ng/Kg	1	☼	8290A	Total/NA
2,3,7,8-TCDF	26	F1 F2	1.9	1.1	ng/Kg	1	☼	8290A	Total/NA
OCDD	2400	F2	29	25	ng/Kg	1	☼	8290A	Total/NA
OCDF	270	F1 F2	19	9.6	ng/Kg	1	☼	8290A	Total/NA
Total HpCDD	840		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
Total HpCDF	330		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
Total HxCDD	260	I	9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
Total HxCDF	180		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
Total PeCDD	53		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
Total PeCDF	200		9.6	3.8	ng/Kg	1	☼	8290A	Total/NA
Total TCDD	56		1.9	0.38	ng/Kg	1	☼	8290A	Total/NA
Total TCDF	340		1.9	1.1	ng/Kg	1	☼	8290A	Total/NA

Client Sample ID: PR-132-S16-119133-20251021
Lab Sample ID: 410-249399-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	22		9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	10		9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
2,3,7,8-TCDD	1.5	J	1.8	0.36	ng/Kg	1	☼	8290A	Total/NA
2,3,7,8-TCDF	3.2		1.8	1.1	ng/Kg	1	☼	8290A	Total/NA
OCDD	470		27	24	ng/Kg	1	☼	8290A	Total/NA
OCDF	23		18	9.0	ng/Kg	1	☼	8290A	Total/NA
Total HpCDD	60		9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
Total HpCDF	20		9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
Total HxCDD	22	I	9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
Total HxCDF	16		9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
Total PeCDD	5.2	J I	9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
Total PeCDF	26		9.0	3.6	ng/Kg	1	☼	8290A	Total/NA
Total TCDD	4.8		1.8	0.36	ng/Kg	1	☼	8290A	Total/NA
Total TCDF	29		1.8	1.1	ng/Kg	1	☼	8290A	Total/NA

Client Sample ID: PR-132-S16-094119-20251021
Lab Sample ID: 410-249399-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,4,6,7,8-HpCDD	230		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
1,2,3,4,6,7,8-HpCDF	120		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
1,2,3,4,7,8-HxCDF	20		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
1,2,3,4,7,8,9-HpCDF	6.8	J	9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
1,2,3,6,7,8-HxCDD	13		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
1,2,3,6,7,8-HxCDF	8.2	J	9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
1,2,3,7,8-PeCDF	6.5	J	9.7	3.9	ng/Kg	1	☼	8290A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Client Sample ID: PR-132-S16-094119-20251021 (Continued) Lab Sample ID: 410-249399-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,3,7,8,9-HxCDD	6.8	J	9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
2,3,4,6,7,8-HxCDF	7.5	J	9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
2,3,4,7,8-PeCDF	12		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
2,3,7,8-TCDD	78		1.9	0.39	ng/Kg	1	☼	8290A	Total/NA
2,3,7,8-TCDF	14		1.9	1.2	ng/Kg	1	☼	8290A	Total/NA
OCDD	2400		29	26	ng/Kg	1	☼	8290A	Total/NA
OCDF	300		19	9.7	ng/Kg	1	☼	8290A	Total/NA
Total HpCDD	510		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
Total HpCDF	300		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
Total HxCDD	120		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
Total HxCDF	140		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
Total PeCDD	37		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
Total PeCDF	200		9.7	3.9	ng/Kg	1	☼	8290A	Total/NA
Total TCDD	100		1.9	0.39	ng/Kg	1	☼	8290A	Total/NA
Total TCDF	350		1.9	1.2	ng/Kg	1	☼	8290A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Chemtech Consulting Group Inc.
Job ID: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR-132-S16-015094-20251021
Lab Sample ID: 410-249399-1
Date Collected: 10/21/25 09:31
Matrix: Solid
Date Received: 10/24/25 09:40
Percent Solids: 51.0

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	340	F1 F2	9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,4,6,7,8-HpCDF	140	F1 F2	9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,4,7,8-HxCDD	ND		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,4,7,8-HxCDF	29		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,4,7,8,9-HpCDF	8.3	J	9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,6,7,8-HxCDD	28		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,6,7,8-HxCDF	11		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,7,8-PeCDD	5.5	J	9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,7,8-PeCDF	7.7	J	9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,7,8,9-HxCDD	12		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
1,2,3,7,8,9-HxCDF	ND		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
2,3,4,6,7,8-HxCDF	10		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
2,3,4,7,8-PeCDF	17		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
2,3,7,8-TCDD	30	F1 F2	1.9	0.38	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
2,3,7,8-TCDF	26	F1 F2	1.9	1.1	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
OCDD	2400	F2	29	25	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
OCDF	270	F1 F2	19	9.6	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total HpCDD	840		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total HpCDF	330		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total HxCDD	260	I	9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total HxCDF	180		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total PeCDD	53		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total PeCDF	200		9.6	3.8	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total TCDD	56		1.9	0.38	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1
Total TCDF	340		1.9	1.1	ng/Kg	☼	11/25/25 18:31	12/02/25 04:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*75*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*67*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,4,7,8-HxCDD	*69*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,4,7,8-HxCDF	*64*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*75*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,6,7,8-HxCDD	*69*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,6,7,8-HxCDF	*65*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,7,8-PeCDD	*62*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,7,8-PeCDF	*62*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,7,8,9-HxCDD	*72*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-1,2,3,7,8,9-HxCDF	*69*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-2,3,4,6,7,8-HxCDF	*66*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-2,3,4,7,8-PeCDF	*61*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-2,3,7,8-TCDD	*54*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-2,3,7,8-TCDF	*52*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-OCDD	*74*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*
13C-OCDF	*69*		*40 - 135*	*11/25/25 18:31*	*12/02/25 04:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	49.0		1.0	1.0	%			10/28/25 00:48	1

Client: Chemtech Consulting Group Inc.
Job ID: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR-132-S16-119133-20251021
Lab Sample ID: 410-249399-4
Date Collected: 10/21/25 09:35
Matrix: Solid
Date Received: 10/24/25 09:40
Percent Solids: 55.0

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	22		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,4,6,7,8-HpCDF	10		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,4,7,8-HxCDD	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,4,7,8-HxCDF	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,4,7,8,9-HpCDF	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,6,7,8-HxCDD	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,6,7,8-HxCDF	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,7,8-PeCDD	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,7,8-PeCDF	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,7,8,9-HxCDD	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
1,2,3,7,8,9-HxCDF	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
2,3,4,6,7,8-HxCDF	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
2,3,4,7,8-PeCDF	ND		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
2,3,7,8-TCDD	1.5	J	1.8	0.36	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
2,3,7,8-TCDF	3.2		1.8	1.1	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
OCDD	470		27	24	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
OCDF	23		18	9.0	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total HpCDD	60		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total HpCDF	20		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total HxCDD	22	I	9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total HxCDF	16		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total PeCDD	5.2	J I	9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total PeCDF	26		9.0	3.6	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total TCDD	4.8		1.8	0.36	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1
Total TCDF	29		1.8	1.1	ng/Kg	☼	11/25/25 18:31	12/01/25 03:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*52*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*46*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,4,7,8-HxCDD	*46*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,4,7,8-HxCDF	*45*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*50*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,6,7,8-HxCDD	*49*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,6,7,8-HxCDF	*44*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,7,8-PeCDD	*49*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,7,8-PeCDF	*46*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,7,8,9-HxCDD	*50*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-1,2,3,7,8,9-HxCDF	*46*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-2,3,4,6,7,8-HxCDF	*44*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-2,3,4,7,8-PeCDF	*47*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-2,3,7,8-TCDD	*49*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-2,3,7,8-TCDF	*44*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-OCDD	*51*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*
13C-OCDF	*48*		*40 - 135*	*11/25/25 18:31*	*12/01/25 03:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	45.0		1.0	1.0	%			10/28/25 00:48	1

Client: Chemtech Consulting Group Inc.
Job ID: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR-132-S16-094119-20251021
Lab Sample ID: 410-249399-5
Date Collected: 10/21/25 09:33
Matrix: Solid
Date Received: 10/24/25 09:40
Percent Solids: 49.4

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	230		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,4,6,7,8-HpCDF	120		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,4,7,8-HxCDD	ND		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,4,7,8-HxCDF	20		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,4,7,8,9-HpCDF	6.8	J	9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,6,7,8-HxCDD	13		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,6,7,8-HxCDF	8.2	J	9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,7,8-PeCDD	ND		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,7,8-PeCDF	6.5	J	9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,7,8,9-HxCDD	6.8	J	9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
1,2,3,7,8,9-HxCDF	ND		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
2,3,4,6,7,8-HxCDF	7.5	J	9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
2,3,4,7,8-PeCDF	12		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
2,3,7,8-TCDD	78		1.9	0.39	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
2,3,7,8-TCDF	14		1.9	1.2	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
OCDD	2400		29	26	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
OCDF	300		19	9.7	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total HpCDD	510		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total HpCDF	300		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total HxCDD	120		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total HxCDF	140		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total PeCDD	37		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total PeCDF	200		9.7	3.9	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total TCDD	100		1.9	0.39	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1
Total TCDF	350		1.9	1.2	ng/Kg	☼	11/25/25 18:31	12/01/25 13:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,4,6,7,8-HpCDD	*72*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*69*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,4,7,8-HxCDD	*66*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,4,7,8-HxCDF	*64*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,4,7,8,9-HpCDF	*72*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,6,7,8-HxCDD	*68*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,6,7,8-HxCDF	*65*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,7,8-PeCDD	*65*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,7,8-PeCDF	*67*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,7,8,9-HxCDD	*69*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-1,2,3,7,8,9-HxCDF	*72*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-2,3,4,6,7,8-HxCDF	*68*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-2,3,4,7,8-PeCDF	*72*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-2,3,7,8-TCDD	*53*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-2,3,7,8-TCDF	*59*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-OCDD	*71*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*
13C-OCDF	*71*		*40 - 135*	*11/25/25 18:31*	*12/01/25 13:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	50.6		1.0	1.0	%			10/28/25 00:48	1

Isotope Dilution Summary

Client: Chemtech Consulting Group Inc.
Job ID: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

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

Matrix: Solid
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HpCDD	HpCDF	HxCDD	HxCDF	HpCDF2	HxDD	HxDF	PeCDD
Lab Sample ID	Client Sample ID	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)
410-249399-1	PR-132-S16-015094-20251021	75	67	69	64	75	69	65	62
410-249399-1 MS	PR-132-S16-015094-20251021-MS	81	73	73	67	80	72	67	68
410-249399-1 MSD	PR-132-S16-015094-20251021-MSD	84	71	78	71	80	73	70	73
410-249399-4	PR-132-S16-119133-20251021	52	46	46	45	50	49	44	49
410-249399-5	PR-132-S16-094119-20251021	72	69	66	64	72	68	65	65
LCS 410-735653/2-A	Lab Control Sample	96	86	86	80	97	88	83	70
MB 410-735653/1-A	Method Blank	86	81	77	73	85	76	73	52

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PeCDF	13CHxCD	HxCF	13CHxCF	PeCF	TCDD	TCDF	OCDD
Lab Sample ID	Client Sample ID	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)	(40-135)
410-249399-1	PR-132-S16-015094-20251021	62	72	69	66	61	54	52	74
410-249399-1 MS	PR-132-S16-015094-20251021-MS	66	75	74	70	69	61	61	83
410-249399-1 MSD	PR-132-S16-015094-20251021-MSD	71	80	76	71	69	71	67	83
410-249399-4	PR-132-S16-119133-20251021	46	50	46	44	47	49	44	51
410-249399-5	PR-132-S16-094119-20251021	67	69	72	68	72	53	59	71
LCS 410-735653/2-A	Lab Control Sample	66	93	85	84	70	59	64	95
MB 410-735653/1-A	Method Blank	50	81	76	75	56	55	55	86

		Percent Isotope Dilution Recovery (Acceptance Limits)
		OCDF
Lab Sample ID	Client Sample ID	(40-135)
410-249399-1	PR-132-S16-015094-20251021	69
410-249399-1 MS	PR-132-S16-015094-20251021-MS	78
410-249399-1 MSD	PR-132-S16-015094-20251021-MSD	78
410-249399-4	PR-132-S16-119133-20251021	48
410-249399-5	PR-132-S16-094119-20251021	71
LCS 410-735653/2-A	Lab Control Sample	91
MB 410-735653/1-A	Method Blank	81

Surrogate Legend

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

Isotope Dilution Summary

Client: Chemtech Consulting Group Inc.
Job ID: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

OCDF = 13C-OCDF

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

Lab Sample ID: MB 410-735653/1-A
Matrix: Solid
Analysis Batch: 736227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735653

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

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

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

Lab Sample ID: LCS 410-735653/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 736227
Prep Batch: 735653

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

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

Lab Sample ID: 410-249399-1 MS
Client Sample ID: PR-132-S16-015094-20251021-MS
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 737256
Prep Batch: 735653

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3,4,6,7,8-HpCDD	340	F1 F2	193	938	F1	ng/Kg	☼	307	79 - 129		
1,2,3,4,6,7,8-HpCDF	140	F1 F2	193	475	F1	ng/Kg	☼	172	80 - 128		
1,2,3,4,7,8-HxCDD	ND		193	204		ng/Kg	☼	105	79 - 134		
1,2,3,4,7,8-HxCDF	29		193	255		ng/Kg	☼	117	79 - 128		
1,2,3,4,7,8,9-HpCDF	8.3	J	193	215		ng/Kg	☼	107	80 - 127		
1,2,3,6,7,8-HxCDD	28		193	239		ng/Kg	☼	109	78 - 131		
1,2,3,6,7,8-HxCDF	11		193	224		ng/Kg	☼	110	80 - 128		

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

Lab Sample ID: 410-249399-1 MS
Client Sample ID: PR-132-S16-015094-20251021-MS
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 737256
Prep Batch: 735653

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3,7,8-PeCDD	5.5	J	193	206		ng/Kg	☼	104	77 - 137
1,2,3,7,8-PeCDF	7.7	J	193	207		ng/Kg	☼	103	77 - 140
1,2,3,7,8,9-HxCDD	12		193	210		ng/Kg	☼	103	80 - 130
1,2,3,7,8,9-HxCDF	ND		193	205		ng/Kg	☼	106	79 - 127
2,3,4,6,7,8-HxCDF	10		193	221		ng/Kg	☼	109	80 - 128
2,3,4,7,8-PeCDF	17		193	225		ng/Kg	☼	107	79 - 135
2,3,7,8-TCDD	30	F1 F2	38.7	111	F1	ng/Kg	☼	208	76 - 136
2,3,7,8-TCDF	26	F1 F2	38.7	86.9	F1	ng/Kg	☼	158	76 - 133
OCDD	2400	F2	387	6150	4	ng/Kg	☼	972	79 - 132
OCDF	270	F1 F2	387	952	F1	ng/Kg	☼	177	79 - 129

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C-1,2,3,4,6,7,8-HpCDD	*81*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDF	*73*		*40 - 135*
13C-1,2,3,4,7,8-HxCDD	*73*		*40 - 135*
13C-1,2,3,4,7,8-HxCDF	*67*		*40 - 135*
13C-1,2,3,4,7,8,9-HpCDF	*80*		*40 - 135*
13C-1,2,3,6,7,8-HxCDD	*72*		*40 - 135*
13C-1,2,3,6,7,8-HxCDF	*67*		*40 - 135*
13C-1,2,3,7,8-PeCDD	*68*		*40 - 135*
13C-1,2,3,7,8-PeCDF	*66*		*40 - 135*
13C-1,2,3,7,8,9-HxCDD	*75*		*40 - 135*
13C-1,2,3,7,8,9-HxCDF	*74*		*40 - 135*
13C-2,3,4,6,7,8-HxCDF	*70*		*40 - 135*
13C-2,3,4,7,8-PeCDF	*69*		*40 - 135*
13C-2,3,7,8-TCDD	*61*		*40 - 135*
13C-2,3,7,8-TCDF	*61*		*40 - 135*
13C-OCDD	*83*		*40 - 135*
13C-OCDF	*78*		*40 - 135*

Lab Sample ID: 410-249399-1 MSD
Client Sample ID: PR-132-S16-015094-20251021-MSD
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 737256
Prep Batch: 735653

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3,4,6,7,8-HpCDD	340	F1 F2	192	424	F1 F2	ng/Kg	☼	42	79 - 129	75	25
1,2,3,4,6,7,8-HpCDF	140	F1 F2	192	299	F2	ng/Kg	☼	81	80 - 128	46	25
1,2,3,4,7,8-HxCDD	ND		192	180		ng/Kg	☼	94	79 - 134	12	25
1,2,3,4,7,8-HxCDF	29		192	207		ng/Kg	☼	93	79 - 128	21	25
1,2,3,4,7,8,9-HpCDF	8.3	J	192	195		ng/Kg	☼	97	80 - 127	10	25
1,2,3,6,7,8-HxCDD	28		192	200		ng/Kg	☼	90	78 - 131	18	25
1,2,3,6,7,8-HxCDF	11		192	194		ng/Kg	☼	96	80 - 128	14	25
1,2,3,7,8-PeCDD	5.5	J	192	187		ng/Kg	☼	95	77 - 137	9	25
1,2,3,7,8-PeCDF	7.7	J	192	188		ng/Kg	☼	94	77 - 140	10	25
1,2,3,7,8,9-HxCDD	12		192	184		ng/Kg	☼	90	80 - 130	13	25
1,2,3,7,8,9-HxCDF	ND		192	188		ng/Kg	☼	98	79 - 127	9	25
2,3,4,6,7,8-HxCDF	10		192	197		ng/Kg	☼	97	80 - 128	12	25
2,3,4,7,8-PeCDF	17		192	201		ng/Kg	☼	96	79 - 135	11	25
2,3,7,8-TCDD	30	F1 F2	38.3	58.0	F1 F2	ng/Kg	☼	73	76 - 136	62	25

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

Lab Sample ID: 410-249399-1 MSD **Client Sample ID: PR-132-S16-015094-20251021-MSD**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 737256 **Prep Batch: 735653**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,3,7,8-TCDF	26	F1 F2	38.3	59.9	F2	ng/Kg	☼	89	76 - 133	37	25
OCDD	2400	F2	383	2190	4 F2	ng/Kg	☼	-53	79 - 132	95	25
OCDF	270	F1 F2	383	516	F1 F2	ng/Kg	☼	65	79 - 129	59	25

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C-1,2,3,4,6,7,8-HpCDD	*84*		*40 - 135*
13C-1,2,3,4,6,7,8-HpCDF	*71*		*40 - 135*
13C-1,2,3,4,7,8-HxCDD	*78*		*40 - 135*
13C-1,2,3,4,7,8-HxCDF	*71*		*40 - 135*
13C-1,2,3,4,7,8,9-HpCDF	*80*		*40 - 135*
13C-1,2,3,6,7,8-HxCDD	*73*		*40 - 135*
13C-1,2,3,6,7,8-HxCDF	*70*		*40 - 135*
13C-1,2,3,7,8-PeCDD	*73*		*40 - 135*
13C-1,2,3,7,8-PeCDF	*71*		*40 - 135*
13C-1,2,3,7,8,9-HxCDD	*80*		*40 - 135*
13C-1,2,3,7,8,9-HxCDF	*76*		*40 - 135*
13C-2,3,4,6,7,8-HxCDF	*71*		*40 - 135*
13C-2,3,4,7,8-PeCDF	*69*		*40 - 135*
13C-2,3,7,8-TCDD	*71*		*40 - 135*
13C-2,3,7,8-TCDF	*67*		*40 - 135*
13C-OCDD	*83*		*40 - 135*
13C-OCDF	*78*		*40 - 135*

Specialty Organics

Prep Batch: 735653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249399-1	PR-132-S16-015094-20251021	Total/NA	Solid	HRMS-Soxtherm	
410-249399-4	PR-132-S16-119133-20251021	Total/NA	Solid	HRMS-Soxtherm	
410-249399-5	PR-132-S16-094119-20251021	Total/NA	Solid	HRMS-Soxtherm	
MB 410-735653/1-A	Method Blank	Total/NA	Solid	HRMS-Soxtherm	
LCS 410-735653/2-A	Lab Control Sample	Total/NA	Solid	HRMS-Soxtherm	
410-249399-1 MS	PR-132-S16-015094-20251021-MS	Total/NA	Solid	HRMS-Soxtherm	
410-249399-1 MSD	PR-132-S16-015094-20251021-MSD	Total/NA	Solid	HRMS-Soxtherm	

Analysis Batch: 736227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249399-4	PR-132-S16-119133-20251021	Total/NA	Solid	8290A	735653
MB 410-735653/1-A	Method Blank	Total/NA	Solid	8290A	735653
LCS 410-735653/2-A	Lab Control Sample	Total/NA	Solid	8290A	735653

Analysis Batch: 737025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249399-5	PR-132-S16-094119-20251021	Total/NA	Solid	8290A	735653

Analysis Batch: 737256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249399-1	PR-132-S16-015094-20251021	Total/NA	Solid	8290A	735653
410-249399-1 MS	PR-132-S16-015094-20251021-MS	Total/NA	Solid	8290A	735653
410-249399-1 MSD	PR-132-S16-015094-20251021-MSD	Total/NA	Solid	8290A	735653

General Chemistry

Analysis Batch: 720568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-249399-1	PR-132-S16-015094-20251021	Total/NA	Solid	Moisture	
410-249399-4	PR-132-S16-119133-20251021	Total/NA	Solid	Moisture	
410-249399-5	PR-132-S16-094119-20251021	Total/NA	Solid	Moisture	

Client: Chemtech Consulting Group Inc.
Job ID: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Client Sample ID: PR-132-S16-015094-20251021 — **Lab Sample ID: 410-249399-1**
Date Collected: 10/21/25 09:31 — **Matrix: Solid**
Date Received: 10/24/25 09:40

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

Client Sample ID: PR-132-S16-015094-20251021 — **Lab Sample ID: 410-249399-1**
Date Collected: 10/21/25 09:31 — **Matrix: Solid**
Date Received: 10/24/25 09:40 — **Percent Solids: 51.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735653	SA8Q	ELLE	11/25/25 18:31
Total/NA	Analysis	8290A		1	737256	TJK2	ELLE	12/02/25 04:12

Client Sample ID: PR-132-S16-119133-20251021 — **Lab Sample ID: 410-249399-4**
Date Collected: 10/21/25 09:35 — **Matrix: Solid**
Date Received: 10/24/25 09:40

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

Client Sample ID: PR-132-S16-119133-20251021 — **Lab Sample ID: 410-249399-4**
Date Collected: 10/21/25 09:35 — **Matrix: Solid**
Date Received: 10/24/25 09:40 — **Percent Solids: 55.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735653	SA8Q	ELLE	11/25/25 18:31
Total/NA	Analysis	8290A		1	736227	TJK2	ELLE	12/01/25 03:20

Client Sample ID: PR-132-S16-094119-20251021 — **Lab Sample ID: 410-249399-5**
Date Collected: 10/21/25 09:33 — **Matrix: Solid**
Date Received: 10/24/25 09:40

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

Client Sample ID: PR-132-S16-094119-20251021 — **Lab Sample ID: 410-249399-5**
Date Collected: 10/21/25 09:33 — **Matrix: Solid**
Date Received: 10/24/25 09:40 — **Percent Solids: 49.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	HRMS-Soxtherm			735653	SA8Q	ELLE	11/25/25 18:31
Total/NA	Analysis	8290A		1	737025	TJK2	ELLE	12/01/25 13:17

Laboratory References:

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

Accreditation/Certification Summary

Client: Chemtech Consulting Group Inc. Job ID: 410-249399-1
Project/Site: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
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: 410-249399-1
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: 410-249399-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-249399-1	PR-132-S16-015094-20251021	Solid	10/21/25 09:31	10/24/25 09:40	New York
410-249399-4	PR-132-S16-119133-20251021	Solid	10/21/25 09:35	10/24/25 09:40	New York
410-249399-5	PR-132-S16-094119-20251021	Solid	10/21/25 09:33	10/24/25 09:40	New York

Alliance TECHNICAL GROUP

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

410-249399 Chain of Custody

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION
COMPANY : EUROFINS Lancaster Laboratories	ORDER ID : Q3421		BILL TO: CHEMTECH PO# : Q3421
ADDRESS : 2425 New Holland Pike	PROJECT ID:AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1		ADDRESS : 284, Sheffield Street
CITY:Lancaster State :PA ZIP :17601	PROJECT MANAGER YAZMEEN		CITY: Mountainside State : NJ ZIP : 07092
E-mail :	E-mail : YAZMEEN.GOMEZ@AllianceTG.com		ATTENTION :YAZMEE
PHONE :717-693-5814	PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922

EDD : EQUIS **Report :** NYS ASP A **Comment :** NY. GRABS

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	TAT DAYS
01	PR-132-S16-015094-20251021	Solid	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:31:00	1	10
02	PR-132-S16-015094-20251021I	Solid	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:31:00	1	10
03	PR-132-S16-015094-20251021I	Solid	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:31:00	1	10
04	PR-132-S16-119133-20251021	Solid	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:35:00	1	10
05	PR-132-S16-094119-20251021	Solid	Dioxin 522	1:1 HNO3 to pH < 2	Chemtech -SOP	10/21/2025	09:33:00	1	10

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

RELINQUIESHED BY SAMPLER: 1.	DATETIME: 10/22/25	RECEIVED BY: 1.	Conditions of bottles or Coolers at receipt: ☐ Compliant ☐ Non Compliant	Cooler Temp ____ Ice or Cooler? ____
RELINQUIESHED BY: 2.	DATETIME:	RECEIVED BY: 2.		
RELINQUIESHED BY: 3.	DATETIME: 10/24/25 0910	RECEIVED BY: 3.	Page 1 of 1 ☐ OVERNIGHT ☐ OVERNIGHT	Shipment Complete: ☐ YES ☐ NO

KF

Rad 1.9 cont. 2.0 TMK

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q3419
COC Number 2045127 Q3421

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

PROJECT NAME: Port Richmond
PROJECT NO.: 60693795 LOCATION: Staten Isl
PROJECT MANAGER: Rob Forstner
e-mail: Robert.Forstner@aecom.com
PHONE: 11 FAX:

CLIENT BILLING INFORMATION

BILL TO: AECOM PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: Rob Forstner PHONE: 11

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 + Raw Data) ☐ NYS ASP A ☑ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: SVOCs 2: Pesticides TCL 3: Hg Metals 4: PCBs Hexchrome 5: Dioxin 6: Grainsize 7: TOCs 8: VOCs 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	PR-132-S16-015094-20251021	S		X	10/21	9:31	11	X	X	X	X	X	X	X	X		
2.	PR-132-S16-015094-20251021-MS	S		X	10/21	9:31	10	X	X	X	X	X		X	X		
3.	PR132-S16-015094-20251021-MSD	S		X	10/21	9:31	10	X	X	X	X	X		X	X		
4.	PR132-S16-119133-20251021	S		X	10/21	9:35	11	X	X	X	X	X	X	X	X		
5.	PR132-S16-094119-20251021	S		X	10/21	9:33	11	X	X	X	X	X	X	X	X		
6.	Temp Blank	A			10/21		1	X	X	X	X	X			X		
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jim Alderson	10/21/25 430	1. 1635 10-21-25
2.		2.
3.	10-21-25 1742	3.

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

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc.

Job Number: 410-249399-1

Login Number: 249399

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Knoedler, Christine M

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	True	
WV: Container Temperature is recorded.	True	
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.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	