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Fax : 908 789 8922

DATA PACKAGE

GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : NWIRP NORTHRUP GRUMMAN SITE – BETHPAGE, NY

ICE SERVICE GROUP, INC.

191 Central Avenue Suite 200C

Newark, NJ - 07103

Phone No: 4129165710

ORDER ID : Q3399

ATTENTION : Dennis D. Morgan, II

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3399

Project ID : NWIRP Northrup Grumman Site – Bethpage, NY

Client : ICE Service Group, Inc.

Lab Sample Number	Client Sample Number
Q3399-01	COMP-ROLLOFF
Q3399-02	COMP-ROLLOFF
Q3399-03	COMP-ROLLOFF
Q3399-04	COMP-ROLLOFF

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 : _____ Date: 11/4/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

ICE Service Group, Inc.
Project Name: NWIRP Northrup Grumman Site – Bethpage, NY
Project # N/A
Order ID # Q3399
Test Name: TCLP VOA,VOC-TCLVOA-10,SVOC-TCL BNA -20,TCLP BNA,Diesel Range Organics,Gasoline Range Organics,Herbicide,PCB,Pesticide-TCL,TCLP Herbicide,TCLP Pesticide,Mercury,Metals ICP-TAL,TCLP ICP Metals,TCLP Mercury,Corrosivity,Hexavalent Chromium,Ignitability,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide,Trivalent Chromium

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 10/20/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP VOA,VOC-TCLVOA-10,SVOC-TCL BNA -20,TCLP BNA,Diesel Range Organics,Gasoline Range Organics,Herbicide,PCB,Pesticide-TCL,TCLP Herbicide,TCLP Pesticide,Mercury,Metals ICP-TAL,TCLP ICP Metals,TCLP Mercury,Corrosivity,Hexavalent Chromium,Ignitability,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide,Trivalent Chromium. This data package contains results for TCLP VOA(8260D),VOC-TCLVOA-10(8260D),SVOC-TCL BNA -20(8270E),TCLP BNA(8270E),Diesel Range Organics(8015D),Gasoline Range Organics(8015D),Herbicide(8151A),PCB(8082A),Pesticide-TCL(8081B),TCLP Herbicide(8151A),TCLP Pesticide(8081B),Mercury(7471B),Metals ICP-TAL(6010D),TCLP ICP Metals(6010D),TCLP Mercury(7470A),Corrosivity(9045D),Hexavalent Chromium(7196A),Ignitability(1030),Paint Filter(9095B),pH(9045D),Reactive Cyanide(9012B),Reactive Sulfide(9034),Trivalent Chromium(6010D).

C. Analytical Techniques:
VOC-TCLVOA-10 : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

TCLP VOA : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

SVOC-TCL BNA -20 : The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog

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7HG-G027-17-GGA. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

TCLP BNA : The samples were analyzed on instrument BNA_G using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

Pesticide-TCL : The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

TCLP Pesticide : The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

TCLP Herbicide : The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324. The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

Diesel Range Organics : The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of Diesel Range Organics was based on method 8015D and extraction was done based on method 3541.

Gasoline Range Organics : The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909.The analysis of Gasoline Range Organics was based on method 8015D.

PCB : The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

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Herbicide : The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324. The analysis of Herbicides was based on method 8151A and extraction was done based on method 3541.

Mercury,Metals ICP-TAL : The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

TCLP ICP Metals,TCLP Mercury : The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

Wetchem : The analysis of Corrosivity,Hexavalent Chromium,Ignitability,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide,Trivalent Chromium was based on method 1030,6010D,7196A,9012B,9034,9045D,9095B and extraction was done based on method 8015B.

D. QA/ QC Samples:
The Holding Times were met for all analysis except following Wetchem : COMP-ROLLOFF of pH and for COMP-ROLLOFF of Corrosivity, as this sample received out of hold.

The Surrogate recoveries were met for all analysis except following
VOC-TCLVOA-10 : VY1021SBL01 [4-Bromofluorobenzene - 73%] surrogate failed for DoD criteria, lab has done analysis by regular limits and later it was updated with DoD criteria ,lab has lost time for re-analysis by the time, so lab has reported data with failing QC for the data package.

TCLP VOA : COMP-ROLLOFF [Toluene-d8 - 83%] and VX1024WBL01 [Dibromofluoromethane - 78%, Toluene-d8 - 86%] Surrogate failing for Original sample as a corrective action sample reanalyzed but in reanalysis surrogate failing for Blank therefore both run reported.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following

SVOC-TCL BNA -20 : The MS {Q3399-01MS} with File ID: BG064683.D recoveries met the requirements for all compounds except for 1,4-Dioxane[67%] and Hexachlorocyclopentadiene[149%], due to matrix interference therefore no corrective action was taken.

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TCLP Herbicide : The MS {Q3399-02MS} with File ID: PS032145.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)49%] due to matrix interference.

Herbicide : The MS {Q3412-01MS} with File ID: PS032155.D recoveries met the requirements for all compounds except for [2,4,5-T(1)11% - 2,4,5-T(2)14%], [2,4,5-TP(Silvex)(1)10% - 2,4,5-TP(Silvex)(2)24%], [2,4-DB(1)0% - 2,4-DB(2)0%], [DICAMBA(1)15% - DICAMBA(2)18%], [DICHLORPROP(1)14% - DICHLORPROP(2)10%] and [Dinoseb(1)0% - Dinoseb(2)0%] due to matrix interference.

Mercury,Metals ICP-TAL : The Matrix Spike (TP-6MS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Selenium, Silver, Sodium, Thallium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure.

TCLP ICP Metals,TCLP Mercury : The Matrix Spike (TP-6MS) analysis met criteria for all compounds except for Barium due to Chemical Interference during digestion process.

The MSD recoveries met the requirements for all compounds except following
SVOC-TCL BNA -20 : The MSD {Q3399-01MSD} with File ID: BG064684.D recoveries met the requirements for all compounds except for 1,4-Dioxane[63%], 2-Nitrophenol[126%] and Hexachlorocyclopentadiene[151%], due to matrix interference therefore no corrective action was taken.

TCLP Herbicide : The MSD {Q3399-02MSD} with File ID: PS032146.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)48%] due to matrix interference.
The sample # COMP-ROLLOFFMS and MSD is failing for 2,4,5-TP(Silvex) and the original sample (COMP-ROLLOFF) is reported with M flag for this compound.

Herbicide : The MSD {Q3412-01MSD} with File ID: PS032156.D recoveries met the requirements for all compounds except for [2,4,5-T(1)11% - 2,4,5-T(2)14%], [2,4,5-TP(Silvex)(1)10% - 2,4,5-TP(Silvex)(2)24%], [2,4-DB(1)0% - 2,4-DB(2)0%], [DICAMBA(1)15% - DICAMBA(2)18%], [DICHLORPROP(1)15% - DICHLORPROP(2)11%] and [Dinoseb(1)0% - Dinoseb(2)0%] due to matrix interference.

Mercury,Metals ICP-TAL : The Matrix Spike Duplicate (TP-6MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Lead,

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Potassium, Selenium, Silver, Sodium and Vanadium due to unknown interference with the reaction and noticed small black particles with soil which can cause possible failure.

TCLP ICP Metals,TCLP Mercury : The Matrix Spike Duplicate (TP-6MSD) analysis met criteria for all compounds except for Barium due to Chemical Interference during digestion process.

The RPD recoveries met criteria.
The Blank Spike met requirements for all compounds except following

TCLP VOA : The Blank Spike for {VX1024WBS01} with File ID: VX048341.D met requirements for all compounds except for Vinyl chloride[139%]. Failing high but associtaed samples have no positive hit for this compound therefore no corrective action was taken.

The Blank Spike Duplicate met requirements for all compounds
The Blank Spike met requirements for all compounds except following

SVOC-TCL BNA -20 : The Blank Spike for {PB170206BS} with File ID: BG064674.D met requirements for all compounds except for 1,4-Dioxane[59%], marginally low, therefore no corrective action was taken, Hexachlorocyclopentadiene[127%] failing high but The associate samples have no positive hit for these compounds therefore no corrective action was taken.
The Blank Spike Duplicate met requirements for all compounds

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements except following

TCLP BNA : The %RSD is greater than 20% in the Method 8270-BG102421.M for 2,4-Dinitrotoluene, this Compounds is passing on Linear regression.

SVOC-TCL BNA -20 : The %RSD is greater than 20% in the Method 8270-BG102421.M for 2-Nitrophenol, 2-Nitroaniline, 2,6-Dinitrotoluene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylphenolthese Compounds are passing on Linear regression,

The Continuous Calibration met the requirements except following
TCLP VOA : The Continuous Calibration File ID VX048339.D met the requirements except for Vinyl Chloride. Failing high but associated samples have not positive hit for this compound therefore no corrective action was taken.

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SVOC-TCL BNA -20 : The Continuous Calibration File ID BG064672.D met the requirements except for 2,4-Dinitrophenol,2,4-Dinitrotoluene,2,6-Dinitrotoluene,2-Nitroaniline,2-Nitrophenol,3-Nitroaniline,4,6-Dinitro-2-methylphenol,Hexachlorocyclopentadiene and Nitrobenzene-d5, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Continuous Calibration File ID BG064685.D met the requirements except for 2-Nitrophenol, faling high but The associate samples have no positive hit for these compounds therefore no corrective action was taken.

TCLP BNA : The Continuous Calibration File ID BG064672.D met the requirements except for Nitrobenzene-d5 maginally high therefore no corrective action was taken.

PCB : The Continuous Calibration File ID PP075960.D met the requirements except for Aroclor-1016(Peak-02) is failing in 2nd column but passing in 1st column therefore no corrective action taken.

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all compoundsexcept following Mercury,Metals ICP-TAL : The Duplicate (PR-132-S16-015094-20251021DUP) analysis met criteria for all compounds except for Mercury due to sample matrix interference. The Duplicate (TP-6MSD) analysis met criteria for all compounds except for Calcium due to sample matrix interference.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

SEMI-VOA : The sample # COMP-ROLLOFFMS and COMP-ROLLOFFMSD is failing for 2-Nitrophenol, Hexachlorocyclopentadiene,1,4-Dioxane, and the original sample(COMP-ROLLOFF) is reported with M flag for this compounds.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Mercury,Metals ICP-TAL : The Post Digest Spike (TP-6A) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Lead, Potassium, Silver, Sodium and Vanadium due to unknown chemical interference of

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matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

In analytical sequence LB137630, The % recovery was outside of acceptance limit for Iron, Potassium, Sodium and Thallium of CCV11 but no any samples associated under this CCV.
In analytical sequence LB137630, The % recovery was outside of acceptance limit for Iron and Sodium of CCV12 but no any samples associated under this CCV.
In analytical sequence LB137630, The Results was outside of acceptance limit for Potassium and Sodium of CCB10 , CCB11 and CCB12 but no any samples associated under this CCBs.

Pesticide-TCL : Sample COMP-ROLLOFF was reported with J flag on form 1 for compound Dieldrin based on reporting criteria of high concentration from both column. Now for other column compound detection is below MDL therefore it is not detecting on form 10.

VOC-TCLVOA-10 : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

TCLP ICP Metals,TCLP Mercury : The Post Digest Spike (TP-6A) analysis met criteria for all compounds except for Barium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

TCLP VOA : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.
Trip Blank was not provided with this set of samples.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3399

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 11/04/2025

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-03	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			VOC-TCLVOA-10	8260D			10/21/25	
Q3399-04	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP VOA	8260D			10/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:									

0

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-03	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	89.9
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	4.40	U	1	1.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
74-87-3	Chloromethane	2.80	U	1	1.30	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-01-4	Vinyl Chloride	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
74-83-9	Bromomethane	4.40	U	1	1.20	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
75-00-3	Chloroethane	2.80	U	1	1.40	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-69-4	Trichlorofluoromethane	4.40	U	1	1.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.80	U	1	1.20	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-35-4	1,1-Dichloroethene	2.80	U	1	1.10	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
67-64-1	Acetone	22.2	U	1	5.30	22.2	27.8	ug/Kg	10/21/25 14:59	VY102125
75-15-0	Carbon Disulfide	4.40	U	1	1.20	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
1634-04-4	Methyl tert-butyl Ether	2.80	U	1	0.81	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-20-9	Methyl Acetate	4.40	U	1	1.70	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
75-09-2	Methylene Chloride	8.90	U	1	3.90	8.90	11.1	ug/Kg	10/21/25 14:59	VY102125
156-60-5	trans-1,2-Dichloroethene	2.80	U	1	0.96	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-34-3	1,1-Dichloroethane	2.80	U	1	0.89	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
110-82-7	Cyclohexane	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
78-93-3	2-Butanone	22.2	U	1	7.30	22.2	27.8	ug/Kg	10/21/25 14:59	VY102125
56-23-5	Carbon Tetrachloride	2.80	U	1	1.10	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
156-59-2	cis-1,2-Dichloroethene	2.80	U	1	0.83	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
74-97-5	Bromochloromethane	4.40	U	1	1.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
67-66-3	Chloroform	4.40	U	1	0.93	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
71-55-6	1,1,1-Trichloroethane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
108-87-2	Methylcyclohexane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
71-43-2	Benzene	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
107-06-2	1,2-Dichloroethane	2.80	U	1	0.88	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-01-6	Trichloroethene	2.80	U	1	0.90	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
78-87-5	1,2-Dichloropropane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-27-4	Bromodichloromethane	2.80	U	1	0.87	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
108-10-1	4-Methyl-2-Pentanone	13.9	U	1	4.00	13.9	27.8	ug/Kg	10/21/25 14:59	VY102125
108-88-3	Toluene	2.80	U	1	0.87	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
10061-02-6	t-1,3-Dichloropropene	2.80	U	1	0.72	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
10061-01-5	cis-1,3-Dichloropropene	2.80	U	1	0.69	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-00-5	1,1,2-Trichloroethane	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
591-78-6	2-Hexanone	13.9	U	1	4.10	13.9	27.8	ug/Kg	10/21/25 14:59	VY102125
124-48-1	Dibromochloromethane	2.80	U	1	0.97	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
106-93-4	1,2-Dibromoethane	2.80	U	1	0.98	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
127-18-4	Tetrachloroethene	2.80	U	1	1.20	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
108-90-7	Chlorobenzene	2.80	U	1	1.00	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
100-41-4	Ethyl Benzene	2.80	U	1	0.75	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
179601-23-1	m/p-Xylenes	5.60	U	1	1.40	5.60	11.1	ug/Kg	10/21/25 14:59	VY102125
95-47-6	o-Xylene	2.80	U	1	0.91	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
100-42-5	Styrene	2.80	U	1	0.79	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
75-25-2	Bromoform	2.80	U	1	0.96	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-03	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	89.9
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.80	U	1	0.87	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	2.80	U	1	1.30	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
541-73-1	1,3-Dichlorobenzene	2.80	U	1	1.90	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
106-46-7	1,4-Dichlorobenzene	2.80	U	1	1.70	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
95-50-1	1,2-Dichlorobenzene	2.80	U	1	1.60	2.80	5.60	ug/Kg	10/21/25 14:59	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	4.40	U	1	2.00	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
120-82-1	1,2,4-Trichlorobenzene	4.40	U	1	3.30	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
87-61-6	1,2,3-Trichlorobenzene	4.40	U	1	3.50	4.40	5.60	ug/Kg	10/21/25 14:59	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.1			71 - 136		100%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.1			78 - 119		102%	SPK: 50		
2037-26-5	Toluene-d8	49.4			85 - 116		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.8			79 - 119		86%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	803000								
540-36-3	1,4-Difluorobenzene	1300000								
3114-55-4	Chlorobenzene-d5	1100000								
3855-82-1	1,4-Dichlorobenzene-d4	458000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3399-03	COMP-ROLLOFF	1,2-Dichloroethane-d4	50	50.1	100		71	136
		Dibromofluoromethane	50	51.1	102		78	119
		Toluene-d8	50	49.4	99		85	116
		4-Bromofluorobenzene	50	42.8	86		79	119
VY1021SBL01	VY1021SBL01	1,2-Dichloroethane-d4	50	46.0	92		71	136
		Dibromofluoromethane	50	49.7	99		78	119
		Toluene-d8	50	48.1	96		85	116
		4-Bromofluorobenzene	50	36.4	73	*	79	119
VY1021SBS01	VY1021SBS01	1,2-Dichloroethane-d4	50	46.9	94		71	136
		Dibromofluoromethane	50	50.9	102		78	119
		Toluene-d8	50	51.3	103		85	116
		4-Bromofluorobenzene	50	49.9	100		79	119
VY1021SBSD01	VY1021SBSD01	1,2-Dichloroethane-d4	50	45.6	91		71	136
		Dibromofluoromethane	50	49.6	99		78	119
		Toluene-d8	50	49.7	99		85	116
		4-Bromofluorobenzene	50	47.6	95		79	119

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023523.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBS01	Dichlorodifluoromethane	20	20.3	ug/Kg	102			29	149	
	Chloromethane	20	19.5	ug/Kg	98			50	136	
	Vinyl chloride	20	20.2	ug/Kg	101			56	135	
	Bromomethane	20	21.5	ug/Kg	108			53	143	
	Chloroethane	20	21.2	ug/Kg	106			59	139	
	Trichlorofluoromethane	20	20.4	ug/Kg	102			62	140	
	1,1,2-Trichlorotrifluoroethane	20	21.1	ug/Kg	106			66	136	
	1,1-Dichloroethene	20	20.2	ug/Kg	101			70	131	
	Acetone	100	120	ug/Kg	120			36	164	
	Carbon disulfide	20	20.2	ug/Kg	101			63	132	
	Methyl tert-butyl Ether	20	18.0	ug/Kg	90			73	125	
	Methyl Acetate	20	15.9	ug/Kg	79			53	144	
	Methylene Chloride	20	19.0	ug/Kg	95			70	128	
	trans-1,2-Dichloroethene	20	21.0	ug/Kg	105			74	125	
	1,1-Dichloroethane	20	20.5	ug/Kg	103			76	125	
	Cyclohexane	20	18.8	ug/Kg	94			67	131	
	2-Butanone	100	100	ug/Kg	100			51	148	
	Carbon Tetrachloride	20	21.7	ug/Kg	109			70	135	
	cis-1,2-Dichloroethene	20	20.7	ug/Kg	104			77	123	
	Bromochloromethane	20	19.7	ug/Kg	99			78	125	
	Chloroform	20	21.5	ug/Kg	108			78	123	
	1,1,1-Trichloroethane	20	21.1	ug/Kg	106			73	130	
	Methylcyclohexane	20	19.8	ug/Kg	99			66	133	
	Benzene	20	21.6	ug/Kg	108			77	121	
	1,2-Dichloroethane	20	20.0	ug/Kg	100			73	128	
	Trichloroethene	20	21.9	ug/Kg	110			77	123	
	1,2-Dichloropropane	20	21.5	ug/Kg	108			76	123	
	Bromodichloromethane	20	21.3	ug/Kg	106			75	127	
	4-Methyl-2-Pentanone	100	86.7	ug/Kg	87			65	135	
	Toluene	20	21.9	ug/Kg	110			77	121	
	t-1,3-Dichloropropene	20	19.9	ug/Kg	100			71	130	
	cis-1,3-Dichloropropene	20	20.8	ug/Kg	104			74	126	
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105			78	121	
	2-Hexanone	100	95.9	ug/Kg	96			53	145	
	Dibromochloromethane	20	20.8	ug/Kg	104			74	126	
	1,2-Dibromoethane	20	20.1	ug/Kg	101			78	122	
	Tetrachloroethene	20	22.0	ug/Kg	110			73	128	
	Chlorobenzene	20	21.2	ug/Kg	106			79	120	
	Ethyl Benzene	20	21.0	ug/Kg	105			76	122	
	m/p-Xylenes	40	43.1	ug/Kg	108			77	124	
	o-Xylene	20	20.6	ug/Kg	103			77	123	
	Styrene	20	21.0	ug/Kg	105			76	124	
	Bromoform	20	19.5	ug/Kg	98			67	132	
	Isopropylbenzene	20	20.3	ug/Kg	102			68	134	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/Kg	91			70	124	
	1,3-Dichlorobenzene	20	20.7	ug/Kg	104			77	121	
	1,4-Dichlorobenzene	20	20.5	ug/Kg	103			75	120	
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103			78	121	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023523.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBS01	1,2-Dibromo-3-Chloropropane	20	17.0	ug/Kg	85			61	132	
	1,2,4-Trichlorobenzene	20	18.0	ug/Kg	90			67	129	
	1,2,3-Trichlorobenzene	20	18.1	ug/Kg	91			66	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023524.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBSD01	Dichlorodifluoromethane	20	20.9	ug/Kg	104	2		29	149	20
	Chloromethane	20	19.3	ug/Kg	97	1		50	136	20
	Vinyl chloride	20	20.0	ug/Kg	100	1		56	135	20
	Bromomethane	20	20.7	ug/Kg	104	4		53	143	20
	Chloroethane	20	21.4	ug/Kg	107	1		59	139	20
	Trichlorofluoromethane	20	20.6	ug/Kg	103	1		62	140	20
	1,1,2-Trichlorotrifluoroethane	20	20.7	ug/Kg	104	2		66	136	20
	1,1-Dichloroethene	20	20.6	ug/Kg	103	2		70	131	20
	Acetone	100	120	ug/Kg	120	0		36	164	20
	Carbon disulfide	20	19.7	ug/Kg	99	2		63	132	20
	Methyl tert-butyl Ether	20	18.2	ug/Kg	91	1		73	125	20
	Methyl Acetate	20	15.6	ug/Kg	78	1		53	144	20
	Methylene Chloride	20	18.9	ug/Kg	95	0		70	128	20
	trans-1,2-Dichloroethene	20	20.6	ug/Kg	103	2		74	125	20
	1,1-Dichloroethane	20	20.6	ug/Kg	103	0		76	125	20
	Cyclohexane	20	18.6	ug/Kg	93	1		67	131	20
	2-Butanone	100	100	ug/Kg	100	0		51	148	20
	Carbon Tetrachloride	20	21.0	ug/Kg	105	4		70	135	20
	cis-1,2-Dichloroethene	20	20.5	ug/Kg	103	1		77	123	20
	Bromochloromethane	20	19.6	ug/Kg	98	1		78	125	20
	Chloroform	20	21.0	ug/Kg	105	3		78	123	20
	1,1,1-Trichloroethane	20	20.8	ug/Kg	104	2		73	130	20
	Methylcyclohexane	20	19.5	ug/Kg	98	1		66	133	20
	Benzene	20	21.6	ug/Kg	108	0		77	121	20
	1,2-Dichloroethane	20	20.0	ug/Kg	100	0		73	128	20
	Trichloroethene	20	21.2	ug/Kg	106	4		77	123	20
	1,2-Dichloropropane	20	20.7	ug/Kg	104	4		76	123	20
	Bromodichloromethane	20	21.2	ug/Kg	106	0		75	127	20
	4-Methyl-2-Pentanone	100	86.8	ug/Kg	87	0		65	135	20
	Toluene	20	21.4	ug/Kg	107	3		77	121	20
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98	2		71	130	20
	cis-1,3-Dichloropropene	20	20.2	ug/Kg	101	3		74	126	20
	1,1,2-Trichloroethane	20	20.2	ug/Kg	101	4		78	121	20
	2-Hexanone	100	96.5	ug/Kg	97	1		53	145	20
	Dibromochloromethane	20	20.5	ug/Kg	103	1		74	126	20
	1,2-Dibromoethane	20	20.2	ug/Kg	101	0		78	122	20
	Tetrachloroethene	20	22.1	ug/Kg	111	1		73	128	20
	Chlorobenzene	20	21.2	ug/Kg	106	0		79	120	20
	Ethyl Benzene	20	20.8	ug/Kg	104	1		76	122	20
	m/p-Xylenes	40	42.7	ug/Kg	107	1		77	124	20
	o-Xylene	20	20.7	ug/Kg	104	1		77	123	20
	Styrene	20	20.5	ug/Kg	103	2		76	124	20
	Bromoform	20	19.6	ug/Kg	98	0		67	132	20
	Isopropylbenzene	20	20.3	ug/Kg	102	0		68	134	20
	1,1,2,2-Tetrachloroethane	20	18.8	ug/Kg	94	3		70	124	20
	1,3-Dichlorobenzene	20	20.8	ug/Kg	104	0		77	121	20
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103	0		75	120	20
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103	0		78	121	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260D

Client: ICE Service Group, Inc. **Datafile :** VY023524.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY1021SBSD01	1,2-Dibromo-3-Chloropropane	20	17.3	ug/Kg	86	1		61	132	20
	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96	6		67	129	20
	1,2,3-Trichlorobenzene	20	18.8	ug/Kg	94	3		66	130	20

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VOLATILE METHOD BLANK SUMMARY

Client ID: VY1021SBL01

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VY023522.D Lab Sample ID: VY1021SBL01

Date Analyzed: 10/21/2025 Time Analyzed: 09:34

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY1021SBS01	VY1021SBS01	VY023523.D	10/21/2025
VY1021SBSD01	VY1021SBSD01	VY023524.D	10/21/2025
COMP-ROLLOFF	Q3399-03	VY023534.D	10/21/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: VY023383.D
BFB Injection Date: 10/07/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:43
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.9 (0.9) 1
174	50.0 - 100.0% of mass 95	99.1
175	5.0 - 9.0% of mass 174	7.3 (7.4) 1
176	95.0 - 101.0% of mass 174	95.4 (96.2) 1
177	5.0 - 9.0% of mass 176	6.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY023384.D	10/07/2025	09:17
VSTDICC010	VSTDICC010	VY023385.D	10/07/2025	10:02
VSTDICC020	VSTDICC020	VY023386.D	10/07/2025	11:24
VSTDICCC050	VSTDICCC050	VY023387.D	10/07/2025	11:47
VSTDICC100	VSTDICC100	VY023388.D	10/07/2025	12:09
VSTDICC150	VSTDICC150	VY023389.D	10/07/2025	12:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: VY023520.D
BFB Injection Date: 10/21/2025
Instrument ID: MSVOA_Y
BFB Injection Time: 08:29
GC Column: RXI-624 ID: 0.25 (mm)
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	48.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1.3 (1.4) 1
174	50.0 - 100.0% of mass 95	94.7
175	5.0 - 9.0% of mass 174	6.8 (7.1) 1
176	95.0 - 101.0% of mass 174	92.5 (97.7) 1
177	5.0 - 9.0% of mass 176	6.2 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY023521.D	10/21/2025	09:05
VY1021SBL01	VY1021SBL01	VY023522.D	10/21/2025	09:34
VY1021SBS01	VY1021SBS01	VY023523.D	10/21/2025	10:04
VY1021SBSD01	VY1021SBSD01	VY023524.D	10/21/2025	10:27
COMP-ROLLOFF	Q3399-03	VY023534.D	10/21/2025	14:59

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VY023521.D Date Analyzed: 10/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:05

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	499961	7.71	698196	8.62	642915	11.42
UPPER LIMIT	999922	8.213	1396390	9.116	1285830	11.92
LOWER LIMIT	249981	7.213	349098	8.116	321458	10.92
EPA SAMPLE NO.						
COMP-ROLLOFF	803329	7.71	1303553	8.62	1099444	11.41
VY1021SBL01	767531	7.71	1271980	8.62	1000258	11.42
VY1021SBS01	494016	7.71	712868	8.62	635785	11.41
VY1021SBSD01	507725	7.71	737688	8.62	649036	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VY023521.D Date Analyzed: 10/21/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:05

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	341616	13.347				
UPPER LIMIT	683232	13.847				
LOWER LIMIT	170808	12.847				
EPA SAMPLE NO.						
COMP-ROLLOFF	457774	13.35				
VY1021SBL01	378610	13.35				
VY1021SBS01	341398	13.35				
VY1021SBSD01	345630	13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBL01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBL01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
74-87-3	Chloromethane	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-01-4	Vinyl Chloride	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
74-83-9	Bromomethane	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
75-00-3	Chloroethane	2.50	U	1	1.30	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-69-4	Trichlorofluoromethane	4.00	U	1	1.20	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-35-4	1,1-Dichloroethene	2.50	U	1	1.00	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
67-64-1	Acetone	20.0	U	1	4.70	20.0	25.0	ug/Kg	10/21/25 09:34	VY102125
75-15-0	Carbon Disulfide	4.00	U	1	1.10	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
1634-04-4	Methyl tert-butyl Ether	2.50	U	1	0.73	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-20-9	Methyl Acetate	4.00	U	1	1.50	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
75-09-2	Methylene Chloride	8.00	U	1	3.50	8.00	10.0	ug/Kg	10/21/25 09:34	VY102125
156-60-5	trans-1,2-Dichloroethene	2.50	U	1	0.86	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-34-3	1,1-Dichloroethane	2.50	U	1	0.80	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
110-82-7	Cyclohexane	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
78-93-3	2-Butanone	20.0	U	1	6.50	20.0	25.0	ug/Kg	10/21/25 09:34	VY102125
56-23-5	Carbon Tetrachloride	2.50	U	1	0.97	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
156-59-2	cis-1,2-Dichloroethene	2.50	U	1	0.75	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
74-97-5	Bromochloromethane	4.00	U	1	1.20	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
67-66-3	Chloroform	4.00	U	1	0.84	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
71-55-6	1,1,1-Trichloroethane	2.50	U	1	0.93	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
108-87-2	Methylcyclohexane	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
71-43-2	Benzene	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
107-06-2	1,2-Dichloroethane	2.50	U	1	0.79	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-01-6	Trichloroethene	2.50	U	1	0.81	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
78-87-5	1,2-Dichloropropane	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-27-4	Bromodichloromethane	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
108-10-1	4-Methyl-2-Pentanone	12.5	U	1	3.60	12.5	25.0	ug/Kg	10/21/25 09:34	VY102125
108-88-3	Toluene	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
10061-02-6	t-1,3-Dichloropropene	2.50	U	1	0.65	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
10061-01-5	cis-1,3-Dichloropropene	2.50	U	1	0.62	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-00-5	1,1,2-Trichloroethane	2.50	U	1	0.92	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
591-78-6	2-Hexanone	12.5	U	1	3.70	12.5	25.0	ug/Kg	10/21/25 09:34	VY102125
124-48-1	Dibromochloromethane	2.50	U	1	0.87	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
106-93-4	1,2-Dibromoethane	2.50	U	1	0.88	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
127-18-4	Tetrachloroethene	2.50	U	1	1.10	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
108-90-7	Chlorobenzene	2.50	U	1	0.91	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
100-41-4	Ethyl Benzene	2.50	U	1	0.67	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
179601-23-1	m/p-Xylenes	5.00	U	1	1.20	5.00	10.0	ug/Kg	10/21/25 09:34	VY102125
95-47-6	o-Xylene	2.50	U	1	0.82	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
100-42-5	Styrene	2.50	U	1	0.71	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
75-25-2	Bromoform	2.50	U	1	0.86	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBL01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBL01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	2.50	U	1	0.78	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1	1.20	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
541-73-1	1,3-Dichlorobenzene	2.50	U	1	1.70	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
106-46-7	1,4-Dichlorobenzene	2.50	U	1	1.60	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
95-50-1	1,2-Dichlorobenzene	2.50	U	1	1.50	2.50	5.00	ug/Kg	10/21/25 09:34	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	4.00	U	1	1.80	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
120-82-1	1,2,4-Trichlorobenzene	4.00	U	1	3.00	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
87-61-6	1,2,3-Trichlorobenzene	4.00	U	1	3.20	4.00	5.00	ug/Kg	10/21/25 09:34	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	46.0			71 - 136		92%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.7			78 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	48.1			85 - 116		96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	36.4	*		79 - 119		73%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	768000								
540-36-3	1,4-Difluorobenzene	1270000								
3114-55-4	Chlorobenzene-d5	1000000								
3855-82-1	1,4-Dichlorobenzene-d4	379000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBS01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBS01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	20.3		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
74-87-3	Chloromethane	19.5		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-01-4	Vinyl Chloride	20.2		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
74-83-9	Bromomethane	21.5		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
75-00-3	Chloroethane	21.2		1	1.30	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-69-4	Trichlorofluoromethane	20.4		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	21.1		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-35-4	1,1-Dichloroethene	20.2		1	1.00	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
67-64-1	Acetone	120		1	4.70	20.0	25.0	ug/Kg	10/21/25 10:04	VY102125
75-15-0	Carbon Disulfide	20.2		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
1634-04-4	Methyl tert-butyl Ether	18.0		1	0.73	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-20-9	Methyl Acetate	15.9		1	1.50	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
75-09-2	Methylene Chloride	19.0		1	3.50	8.00	10.0	ug/Kg	10/21/25 10:04	VY102125
156-60-5	trans-1,2-Dichloroethene	21.0		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-34-3	1,1-Dichloroethane	20.5		1	0.80	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
110-82-7	Cyclohexane	18.8		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
78-93-3	2-Butanone	100		1	6.50	20.0	25.0	ug/Kg	10/21/25 10:04	VY102125
56-23-5	Carbon Tetrachloride	21.7		1	0.97	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
156-59-2	cis-1,2-Dichloroethene	20.7		1	0.75	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
74-97-5	Bromochloromethane	19.7		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
67-66-3	Chloroform	21.5		1	0.84	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
71-55-6	1,1,1-Trichloroethane	21.1		1	0.93	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
108-87-2	Methylcyclohexane	19.8		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
71-43-2	Benzene	21.6		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
107-06-2	1,2-Dichloroethane	20.0		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-01-6	Trichloroethene	21.9		1	0.81	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
78-87-5	1,2-Dichloropropane	21.5		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-27-4	Bromodichloromethane	21.3		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
108-10-1	4-Methyl-2-Pentanone	86.7		1	3.60	12.5	25.0	ug/Kg	10/21/25 10:04	VY102125
108-88-3	Toluene	21.9		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
10061-02-6	t-1,3-Dichloropropene	19.9		1	0.65	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
10061-01-5	cis-1,3-Dichloropropene	20.8		1	0.62	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-00-5	1,1,2-Trichloroethane	21.0		1	0.92	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
591-78-6	2-Hexanone	95.9		1	3.70	12.5	25.0	ug/Kg	10/21/25 10:04	VY102125
124-48-1	Dibromochloromethane	20.8		1	0.87	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
106-93-4	1,2-Dibromoethane	20.1		1	0.88	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
127-18-4	Tetrachloroethene	22.0		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
108-90-7	Chlorobenzene	21.2		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
100-41-4	Ethyl Benzene	21.0		1	0.67	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
179601-23-1	m/p-Xylenes	43.1		1	1.20	5.00	10.0	ug/Kg	10/21/25 10:04	VY102125
95-47-6	o-Xylene	20.6		1	0.82	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
100-42-5	Styrene	21.0		1	0.71	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
75-25-2	Bromoform	19.5		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBS01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBS01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.3		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	18.2		1	1.20	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
541-73-1	1,3-Dichlorobenzene	20.7		1	1.70	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
106-46-7	1,4-Dichlorobenzene	20.5		1	1.60	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
95-50-1	1,2-Dichlorobenzene	20.5		1	1.50	2.50	5.00	ug/Kg	10/21/25 10:04	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	17.0		1	1.80	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
120-82-1	1,2,4-Trichlorobenzene	18.0		1	3.00	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
87-61-6	1,2,3-Trichlorobenzene	18.1		1	3.20	4.00	5.00	ug/Kg	10/21/25 10:04	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	46.9			71 - 136		94%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			78 - 119		102%	SPK: 50		
2037-26-5	Toluene-d8	51.3			85 - 116		103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.9			79 - 119		100%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	494000								
540-36-3	1,4-Difluorobenzene	713000								
3114-55-4	Chlorobenzene-d5	636000								
3855-82-1	1,4-Dichlorobenzene-d4	341000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBSD01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBSD01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	20.9		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
74-87-3	Chloromethane	19.3		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-01-4	Vinyl Chloride	20.0		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
74-83-9	Bromomethane	20.7		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
75-00-3	Chloroethane	21.4		1	1.30	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-69-4	Trichlorofluoromethane	20.6		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
76-13-1	1,1,2-Trichlorotrifluoroethane	20.7		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-35-4	1,1-Dichloroethene	20.6		1	1.00	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
67-64-1	Acetone	120		1	4.70	20.0	25.0	ug/Kg	10/21/25 10:27	VY102125
75-15-0	Carbon Disulfide	19.7		1	1.10	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
1634-04-4	Methyl tert-butyl Ether	18.2		1	0.73	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-20-9	Methyl Acetate	15.6		1	1.50	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
75-09-2	Methylene Chloride	18.9		1	3.50	8.00	10.0	ug/Kg	10/21/25 10:27	VY102125
156-60-5	trans-1,2-Dichloroethene	20.6		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-34-3	1,1-Dichloroethane	20.6		1	0.80	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
110-82-7	Cyclohexane	18.6		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
78-93-3	2-Butanone	100		1	6.50	20.0	25.0	ug/Kg	10/21/25 10:27	VY102125
56-23-5	Carbon Tetrachloride	21.0		1	0.97	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
156-59-2	cis-1,2-Dichloroethene	20.5		1	0.75	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
74-97-5	Bromochloromethane	19.6		1	1.20	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
67-66-3	Chloroform	21.0		1	0.84	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
71-55-6	1,1,1-Trichloroethane	20.8		1	0.93	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
108-87-2	Methylcyclohexane	19.5		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
71-43-2	Benzene	21.6		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
107-06-2	1,2-Dichloroethane	20.0		1	0.79	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-01-6	Trichloroethene	21.2		1	0.81	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
78-87-5	1,2-Dichloropropane	20.7		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-27-4	Bromodichloromethane	21.2		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
108-10-1	4-Methyl-2-Pentanone	86.8		1	3.60	12.5	25.0	ug/Kg	10/21/25 10:27	VY102125
108-88-3	Toluene	21.4		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
10061-02-6	t-1,3-Dichloropropene	19.5		1	0.65	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
10061-01-5	cis-1,3-Dichloropropene	20.2		1	0.62	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-00-5	1,1,2-Trichloroethane	20.2		1	0.92	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
591-78-6	2-Hexanone	96.5		1	3.70	12.5	25.0	ug/Kg	10/21/25 10:27	VY102125
124-48-1	Dibromochloromethane	20.5		1	0.87	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
106-93-4	1,2-Dibromoethane	20.2		1	0.88	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
127-18-4	Tetrachloroethene	22.1		1	1.10	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
108-90-7	Chlorobenzene	21.2		1	0.91	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
100-41-4	Ethyl Benzene	20.8		1	0.67	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
179601-23-1	m/p-Xylenes	42.7		1	1.20	5.00	10.0	ug/Kg	10/21/25 10:27	VY102125
95-47-6	o-Xylene	20.7		1	0.82	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
100-42-5	Styrene	20.5		1	0.71	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
75-25-2	Bromoform	19.6		1	0.86	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VY1021SBSD01	SDG No.:	Q3399
Lab Sample ID:	VY1021SBSD01	Matrix:	SOIL
Analytical Method:	8260D Level: LOW	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	20.3		1	0.78	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1	1.20	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
541-73-1	1,3-Dichlorobenzene	20.8		1	1.70	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
106-46-7	1,4-Dichlorobenzene	20.6		1	1.60	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
95-50-1	1,2-Dichlorobenzene	20.5		1	1.50	2.50	5.00	ug/Kg	10/21/25 10:27	VY102125
96-12-8	1,2-Dibromo-3-Chloropropane	17.3		1	1.80	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
120-82-1	1,2,4-Trichlorobenzene	19.1		1	3.00	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
87-61-6	1,2,3-Trichlorobenzene	18.8		1	3.20	4.00	5.00	ug/Kg	10/21/25 10:27	VY102125
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	45.6			71 - 136		91%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			78 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	49.7			85 - 116		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.7			79 - 119		95%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	508000								
540-36-3	1,4-Difluorobenzene	738000								
3114-55-4	Chlorobenzene-d5	649000								
3855-82-1	1,4-Dichlorobenzene-d4	346000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_Y | Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:17 12:32

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.397	0.399	0.400	0.321	0.310	0.333	0.360	12
Chloromethane	0.518	0.557	0.512	0.449	0.438	0.467	0.490	9.4
Vinyl Chloride	0.660	0.684	0.659	0.598	0.597	0.633	0.639	5.6
Bromomethane	0.601	0.596	0.548	0.469	0.483	0.518	0.536	10.4
Chloroethane	0.441	0.462	0.453	0.414	0.413	0.429	0.435	4.7
Trichlorofluoromethane	0.884	0.920	0.946	0.842	0.850	0.877	0.887	4.5
1,1,2-Trichlorotrifluoroethane	0.484	0.486	0.479	0.437	0.429	0.445	0.460	5.6
1,1-Dichloroethene	0.449	0.475	0.456	0.427	0.426	0.443	0.446	4.1
Acetone	0.128	0.117	0.094	0.084	0.085	0.089	0.100	18.7
Carbon Disulfide	1.291	1.367	1.320	1.225	1.210	1.246	1.277	4.7
Methyl tert-butyl Ether	1.006	1.075	1.075	1.020	1.091	1.165	1.072	5.3
Methyl Acetate	0.244	0.265	0.260	0.245	0.266	0.286	0.261	6
Methylene Chloride	0.625	0.634	0.576	0.458	0.463	0.473	0.538	15.4
trans-1,2-Dichloroethene	0.494	0.504	0.507	0.470	0.478	0.494	0.491	2.9
1,1-Dichloroethane	0.800	0.835	0.827	0.759	0.765	0.792	0.796	3.9
Cyclohexane	0.797	0.717	0.697	0.643	0.644	0.676	0.696	8.3
2-Butanone	0.133	0.134	0.115	0.105	0.115	0.126	0.122	9.6
Carbon Tetrachloride	0.483	0.501	0.504	0.481	0.487	0.503	0.493	2.1
cis-1,2-Dichloroethene	0.542	0.584	0.582	0.542	0.563	0.591	0.567	3.8
Bromochloromethane	0.332	0.323	0.320	0.267	0.270	0.273	0.297	10.2
Chloroform	0.886	0.912	0.901	0.835	0.842	0.874	0.875	3.5
1,1,1-Trichloroethane	0.808	0.814	0.822	0.767	0.764	0.796	0.795	3.1
Methylcyclohexane	0.491	0.486	0.537	0.527	0.554	0.583	0.530	7
Benzene	1.253	1.302	1.322	1.259	1.281	1.312	1.288	2.2
1,2-Dichloroethane	0.328	0.346	0.343	0.315	0.324	0.338	0.332	3.6
Trichloroethene	0.380	0.381	0.386	0.367	0.372	0.376	0.377	1.8
1,2-Dichloropropane	0.276	0.289	0.292	0.274	0.283	0.293	0.285	2.9
Bromodichloromethane	0.440	0.463	0.459	0.439	0.449	0.468	0.453	2.7
4-Methyl-2-Pentanone	0.141	0.159	0.161	0.159	0.180	0.196	0.166	11.6
Toluene	0.777	0.818	0.855	0.827	0.855	0.885	0.836	4.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_Y | Calibration Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y | Calibration Time(s): 09:17 12:32

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY023384.D RRF010 = VY023385.D RRF020 = VY023386.D
RRF050 = VY023387.D RRF100 = VY023388.D RRF150 = VY023389.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.357	0.380	0.390	0.385	0.415	0.438	0.394	7.2
cis-1,3-Dichloropropene	0.424	0.460	0.465	0.455	0.481	0.505	0.465	5.9
1,1,2-Trichloroethane	0.234	0.247	0.241	0.231	0.244	0.254	0.242	3.5
2-Hexanone	0.108	0.117	0.110	0.112	0.126	0.138	0.119	9.9
Dibromochloromethane	0.319	0.337	0.340	0.327	0.347	0.365	0.339	4.7
1,2-Dibromoethane	0.215	0.229	0.231	0.223	0.237	0.249	0.231	5.2
Tetrachloroethene	0.538	0.517	0.561	0.523	0.502	0.456	0.516	6.9
Chlorobenzene	1.086	1.095	1.092	1.053	1.083	1.116	1.087	1.9
Ethyl Benzene	1.606	1.711	1.753	1.777	1.824	1.891	1.760	5.5
m/p-Xylenes	0.632	0.675	0.715	0.719	0.734	0.763	0.706	6.5
o-Xylene	0.588	0.623	0.653	0.670	0.701	0.738	0.662	8.1
Styrene	0.902	1.026	1.098	1.109	1.166	1.233	1.089	10.5
Bromoform	0.225	0.242	0.238	0.230	0.244	0.262	0.240	5.4
Isopropylbenzene	2.967	3.153	3.353	3.317	3.425	3.555	3.295	6.3
1,1,2,2-Tetrachloroethane	0.530	0.548	0.502	0.499	0.543	0.611	0.539	7.6
1,3-Dichlorobenzene	1.667	1.698	1.718	1.657	1.701	1.794	1.706	2.9
1,4-Dichlorobenzene	1.703	1.703	1.694	1.624	1.653	1.732	1.685	2.3
1,2-Dichlorobenzene	1.485	1.498	1.511	1.446	1.490	1.543	1.496	2.1
1,2-Dibromo-3-Chloropropane	0.087	0.093	0.083	0.083	0.088	0.096	0.088	6.2
1,2,4-Trichlorobenzene	0.846	0.867	0.901	0.918	1.007	1.054	0.932	8.7
1,2,3-Trichlorobenzene	0.719	0.753	0.795	0.793	0.866	0.920	0.808	9.1
1,2-Dichloroethane-d4	0.455	0.436	0.429	0.392	0.392	0.405	0.418	6.2
Dibromofluoromethane	0.311	0.314	0.317	0.298	0.299	0.303	0.307	2.6
Toluene-d8	1.132	1.170	1.177	1.129	1.122	1.135	1.144	2
4-Bromofluorobenzene	0.401	0.370	0.373	0.365	0.372	0.386	0.378	3.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG No.: Q3399
Instrument ID: MSVOA_Y
Calibration Date/Time: 10/21/2025 09:05
Lab File ID: VY023521.D
Init. Calib. Date(s): 10/07/2025 10/07/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:17 12:32
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.360	0.323		-10.28	20
Chloromethane	0.490	0.450	0.1	-8.16	20
Vinyl Chloride	0.639	0.605		-5.32	20
Bromomethane	0.536	0.513		-4.29	20
Chloroethane	0.435	0.447		2.76	20
Trichlorofluoromethane	0.887	0.883		-0.45	20
1,1,2-Trichlorotrifluoroethane	0.460	0.490		6.52	20
1,1-Dichloroethene	0.446	0.455		2.02	20
Acetone	0.100	0.113		13	20
Carbon Disulfide	1.277	1.260		-1.33	20
Methyl tert-butyl Ether	1.072	1.116		4.1	20
Methyl Acetate	0.261	0.303		16.09	20
Methylene Chloride	0.538	0.509		-5.39	20
trans-1,2-Dichloroethene	0.491	0.520		5.91	20
1,1-Dichloroethane	0.796	0.840	0.1	5.53	20
Cyclohexane	0.696	0.643		-7.61	20
2-Butanone	0.122	0.124		1.64	20
Carbon Tetrachloride	0.493	0.562		14	20
cis-1,2-Dichloroethene	0.567	0.614		8.29	20
Bromochloromethane	0.297	0.269		-9.43	20
Chloroform	0.875	0.960		9.71	20
1,1,1-Trichloroethane	0.795	0.859		8.05	20
Methylcyclohexane	0.530	0.568		7.17	20
Benzene	1.288	1.448		12.42	20
1,2-Dichloroethane	0.332	0.360		8.43	20
Trichloroethene	0.377	0.421		11.67	20
1,2-Dichloropropane	0.285	0.320		12.28	20
Bromodichloromethane	0.453	0.522		15.23	20
4-Methyl-2-Pentanone	0.166	0.186		12.05	20
Toluene	0.836	0.967		15.67	20
t-1,3-Dichloropropene	0.394	0.441		11.93	20
cis-1,3-Dichloropropene	0.465	0.524		12.69	20
1,1,2-Trichloroethane	0.242	0.285		17.77	20
2-Hexanone	0.119	0.135		13.44	20
Dibromochloromethane	0.339	0.403		18.88	20
1,2-Dibromoethane	0.231	0.269		16.45	20
Tetrachloroethene	0.516	0.575		11.43	20
Chlorobenzene	1.087	1.181	0.3	8.65	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_Y | Calibration Date/Time: 10/21/2025 09:05

Lab File ID: VY023521.D | Init. Calib. Date(s): 10/07/2025 10/07/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:17 12:32

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.760	1.961		11.42	20
m/p-Xylenes	0.706	0.799		13.17	20
o-Xylene	0.662	0.739		11.63	20
Styrene	1.089	1.261		15.79	20
Bromoform	0.240	0.269	0.1	12.08	20
Isopropylbenzene	3.295	3.640		10.47	20
1,1,2,2-Tetrachloroethane	0.539	0.571	0.3	5.94	20
1,3-Dichlorobenzene	1.706	1.887		10.61	20
1,4-Dichlorobenzene	1.685	1.813		7.6	20
1,2-Dichlorobenzene	1.496	1.634		9.23	20
1,2-Dibromo-3-Chloropropane	0.088	0.088		0	20
1,2,4-Trichlorobenzene	0.932	0.982		5.36	20
1,2,3-Trichlorobenzene	0.808	0.843		4.33	20
1,2-Dichloroethane-d4	0.418	0.408		-2.39	20
Dibromofluoromethane	0.307	0.331		7.82	20
Toluene-d8	1.144	1.218		6.47	20
4-Bromofluorobenzene	0.378	0.405		7.14	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-03	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			VOC-TCLVOA-10	8260D			10/21/25	
Q3399-04	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP VOA	8260D			10/22/25	
Q3399-04RE	**COMP-ROLLOFFRE**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP VOA	8260D			10/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:									

0

Total Voc :

Total Concentration:

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-04	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	5.00	ug/L	10/22/25 15:50	VX102225
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	5.00	ug/L	10/22/25 15:50	VX102225
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	25.0	ug/L	10/22/25 15:50	VX102225
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	5.00	ug/L	10/22/25 15:50	VX102225
67-66-3	Chloroform	0.50	U	1	0.25	0.50	5.00	ug/L	10/22/25 15:50	VX102225
71-43-2	Benzene	0.50	U	1	0.15	0.50	5.00	ug/L	10/22/25 15:50	VX102225
107-06-2	1,2-Dichloroethane	0.75	U	1	0.22	0.75	5.00	ug/L	10/22/25 15:50	VX102225
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	5.00	ug/L	10/22/25 15:50	VX102225
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	5.00	ug/L	10/22/25 15:50	VX102225
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	5.00	ug/L	10/22/25 15:50	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.0			81 - 118		102%	SPK: 50		
1868-53-7	Dibromofluoromethane	43.7			80 - 119		87%	SPK: 50		
2037-26-5	Toluene-d8	41.4	*		89 - 112		83%	SPK: 50		
460-00-4	4-Bromofluorobenzene	46.2			85 - 114		92%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	156000								
540-36-3	1,4-Difluorobenzene	307000								
3114-55-4	Chlorobenzene-d5	274000								
3855-82-1	1,4-Dichlorobenzene-d4	141000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFRE	SDG No.:	Q3399
Lab Sample ID:	Q3399-04RE	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	UQ	1	0.26	0.75	5.00	ug/L	10/24/25 11:03	vx102425
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	5.00	ug/L	10/24/25 11:03	vx102425
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	25.0	ug/L	10/24/25 11:03	vx102425
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	5.00	ug/L	10/24/25 11:03	vx102425
67-66-3	Chloroform	0.50	U	1	0.25	0.50	5.00	ug/L	10/24/25 11:03	vx102425
71-43-2	Benzene	0.50	U	1	0.15	0.50	5.00	ug/L	10/24/25 11:03	vx102425
107-06-2	1,2-Dichloroethane	0.75	U	1	0.22	0.75	5.00	ug/L	10/24/25 11:03	vx102425
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	5.00	ug/L	10/24/25 11:03	vx102425
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	5.00	ug/L	10/24/25 11:03	vx102425
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	5.00	ug/L	10/24/25 11:03	vx102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	54.5			81 - 118		109%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.9			80 - 119		80%	SPK: 50		
2037-26-5	Toluene-d8	47.1			89 - 112		94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.4			85 - 114		101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	137000								
540-36-3	1,4-Difluorobenzene	271000								
3114-55-4	Chlorobenzene-d5	270000								
3855-82-1	1,4-Dichlorobenzene-d4	124000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3399-04	COMP-ROLLOFF	1,2-Dichloroethane-d4	50	51.0	102		81	118
		Dibromofluoromethane	50	43.7	87		80	119
		Toluene-d8	50	41.4	83	*	89	112
		4-Bromofluorobenzene	50	46.2	92		85	114
Q3399-04RE	COMP-ROLLOFFRE	1,2-Dichloroethane-d4	50	54.5	109		81	118
		Dibromofluoromethane	50	39.9	80		80	119
		Toluene-d8	50	47.1	94		89	112
		4-Bromofluorobenzene	50	50.4	101		85	114

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX1022WBL01	VX1022WBL01	1,2-Dichloroethane-d4	50	50.7	101		81	118
		Dibromofluoromethane	50	49.1	98		80	119
		Toluene-d8	50	47.7	95		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
VX1022WBS01	VX1022WBS01	1,2-Dichloroethane-d4	50	50.2	100		81	118
		Dibromofluoromethane	50	50.9	102		80	119
		Toluene-d8	50	50.7	101		89	112
		4-Bromofluorobenzene	50	52.4	105		85	114
VX1022WBSD0	VX1022WBSD01	1,2-Dichloroethane-d4	50	49.3	99		81	118
		Dibromofluoromethane	50	49.3	99		80	119
		Toluene-d8	50	49.2	98		89	112
		4-Bromofluorobenzene	50	49.4	99		85	114
VX1024WBL01	VX1024WBL01	1,2-Dichloroethane-d4	50	52.2	104		81	118
		Dibromofluoromethane	50	39.0	78	*	80	119
		Toluene-d8	50	43.1	86	*	89	112
		4-Bromofluorobenzene	50	42.7	85		85	114
VX1024WBS01	VX1024WBS01	1,2-Dichloroethane-d4	50	51.3	103		81	118
		Dibromofluoromethane	50	41.6	83		80	119
		Toluene-d8	50	49.6	99		89	112
		4-Bromofluorobenzene	50	48.3	97		85	114

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260-Low

Client: ICE Service Group, Inc. **Datafile :** VX048283.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1022WBS01	Vinyl chloride	20	16.4	ug/L	82			58	137	
	1,1-Dichloroethene	20	18.3	ug/L	92			71	131	
	2-Butanone	100	88.7	ug/L	89			56	143	
	Carbon Tetrachloride	20	18.9	ug/L	95			72	136	
	Chloroform	20	19.4	ug/L	97			79	124	
	Benzene	20	18.9	ug/L	95			79	120	
	1,2-Dichloroethane	20	20.4	ug/L	102			73	128	
	Trichloroethene	20	19.3	ug/L	97			79	123	
	Tetrachloroethene	20	17.9	ug/L	90			74	129	
	Chlorobenzene	20	19.3	ug/L	97			82	118	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260-Low

Client: ICE Service Group, Inc. **Datafile :** VX048284.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1022WBSD01	Vinyl chloride	20	17.8	ug/L	89	8		58	137	20
	1,1-Dichloroethene	20	17.0	ug/L	85	8		71	131	20
	2-Butanone	100	88.8	ug/L	89	0		56	143	20
	Carbon Tetrachloride	20	18.3	ug/L	92	3		72	136	20
	Chloroform	20	19.2	ug/L	96	1		79	124	20
	Benzene	20	18.6	ug/L	93	2		79	120	20
	1,2-Dichloroethane	20	19.6	ug/L	98	4		73	128	20
	Trichloroethene	20	18.8	ug/L	94	3		79	123	20
	Tetrachloroethene	20	18.3	ug/L	92	2		74	129	20
	Chlorobenzene	20	19.1	ug/L	96	1		82	118	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8260-Low

Client: ICE Service Group, Inc. **Datafile :** VX048341.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1024WBS01	Vinyl chloride	20	27.8	ug/L	139		*	58	137	
	1,1-Dichloroethene	20	20.7	ug/L	104			71	131	
	2-Butanone	100	84.6	ug/L	85			56	143	
	Carbon Tetrachloride	20	18.5	ug/L	93			72	136	
	Chloroform	20	20.8	ug/L	104			79	124	
	Benzene	20	20.2	ug/L	101			79	120	
	1,2-Dichloroethane	20	21.0	ug/L	105			73	128	
	Trichloroethene	20	19.2	ug/L	96			79	123	
	Tetrachloroethene	20	20.9	ug/L	104			74	129	
	Chlorobenzene	20	19.8	ug/L	99			82	118	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1022WBL01

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048282.D Lab Sample ID: VX1022WBL01

Date Analyzed: 10/22/2025 Time Analyzed: 09:26

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1022WBS01	VX1022WBS01	VX048283.D	10/22/2025
VX1022WBSD01	VX1022WBSD01	VX048284.D	10/22/2025
COMP-ROLLOFF	Q3399-04	VX048300.D	10/22/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1024WBL01

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: VX048340.D | Lab Sample ID: VX1024WBL01

Date Analyzed: 10/24/2025 | Time Analyzed: 09:48

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1024WBS01	VX1024WBS01	VX048341.D	10/24/2025
COMP-ROLLOFFRE	Q3399-04RE	VX048343.D	10/24/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: VX048226.D
BFB Injection Date: 10/20/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:15
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.7
75	30.0 - 60.0% of mass 95	50.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	76.5
175	5.0 - 9.0% of mass 174	5.8 (7.5) 1
176	95.0 - 101.0% of mass 174	73.8 (96.4) 1
177	5.0 - 9.0% of mass 176	4.8 (6.5) 2

1-Value is % mass 174
2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048229.D	10/20/2025	10:59
VSTDICC020	VSTDICC020	VX048231.D	10/20/2025	11:40
VSTDICCC050	VSTDICCC050	VX048232.D	10/20/2025	12:01
VSTDICC100	VSTDICC100	VX048233.D	10/20/2025	12:22
VSTDICC150	VSTDICC150	VX048234.D	10/20/2025	12:43
VSTDICC005	VSTDICC005	VX048236.D	10/20/2025	13:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: VX048279.D
BFB Injection Date: 10/22/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:07
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.4
75	30.0 - 60.0% of mass 95	53.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.4 (0.5) 1
174	50.0 - 100.0% of mass 95	77.5
175	5.0 - 9.0% of mass 174	6.4 (8.3) 1
176	95.0 - 101.0% of mass 174	73.9 (95.4) 1
177	5.0 - 9.0% of mass 176	4.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048280.D	10/22/2025	08:37
VX1022WBL01	VX1022WBL01	VX048282.D	10/22/2025	09:26
VX1022WBS01	VX1022WBS01	VX048283.D	10/22/2025	09:53
VX1022WBSD01	VX1022WBSD01	VX048284.D	10/22/2025	10:18
COMP-ROLLOFF	Q3399-04	VX048300.D	10/22/2025	15:50
VSTDCCC050EC	VSTDCCC050	VX048308.D	10/22/2025	18:36

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: VX048338.D
BFB Injection Date: 10/24/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:19
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.2
75	30.0 - 60.0% of mass 95	54.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	72.8
175	5.0 - 9.0% of mass 174	5.6 (7.8) 1
176	95.0 - 101.0% of mass 174	71.6 (98.4) 1
177	5.0 - 9.0% of mass 176	4.8 (6.8) 2

1-Value is % mass 174
2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048339.D	10/24/2025	09:16
VX1024WBL01	VX1024WBL01	VX048340.D	10/24/2025	09:48
VX1024WBS01	VX1024WBS01	VX048341.D	10/24/2025	10:15
COMP-ROLLOFFRE	Q3399-04RE	VX048343.D	10/24/2025	11:03
VSTDCCC050EC	VSTDCCC050	VX048353.D	10/24/2025	15:49

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048280.D Date Analyzed: 10/22/2025

Instrument ID: MSVOA_X Time Analyzed: 08:37

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	112883	5.53	171616	6.74	151325	10.04
UPPER LIMIT	225766	6.031	343232	7.239	302650	10.537
LOWER LIMIT	56441.5	5.031	85808	6.239	75662.5	9.537
EPA SAMPLE NO.						
COMP-ROLLOFF	155579	5.54	306649	6.75	274083	10.04
VX1022WBL01	97887	5.54	185129	6.75	199062	10.04
VX1022WBS01	115938	5.54	185153	6.75	172449	10.04
VX1022WBSD01	120104	5.53	195961	6.75	180624	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048280.D Date Analyzed: 10/22/2025

Instrument ID: MSVOA_X Time Analyzed: 08:37

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	76595	12				
UPPER LIMIT	153190	12.5				
LOWER LIMIT	38297.5	11.5				
EPA SAMPLE NO.						
COMP-ROLLOFF	141254	12.01				
VX1022WBL01	99844	12.01				
VX1022WBS01	91086	12.01				
VX1022WBSD01	92297	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048339.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	125053	5.53	210685	6.74	187763	10.04
UPPER LIMIT	250106	6.031	421370	7.239	375526	10.537
LOWER LIMIT	62526.5	5.031	105343	6.239	93881.5	9.537
EPA SAMPLE NO.						
COMP-ROLLOFFRE	137283	5.54	270507	6.75	270324	10.04
VX1024WBL01	90540	5.53	176490	6.74	165587	10.04
VX1024WBS01	145979	5.53	238661	6.74	208902	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: VX048339.D Date Analyzed: 10/24/2025

Instrument ID: MSVOA_X Time Analyzed: 09:16

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	93479	12.006				
UPPER LIMIT	186958	12.506				
LOWER LIMIT	46739.5	11.506				
EPA SAMPLE NO.						
COMP-ROLLOFFRE	123520	12.01				
VX1024WBL01	72164	12.01				
VX1024WBS01	103563	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1022WBL01	SDG No.:	Q3399
Lab Sample ID:	VX1022WBL01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/22/25 09:26	VX102225
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/22/25 09:26	VX102225
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/22/25 09:26	VX102225
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/22/25 09:26	VX102225
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/22/25 09:26	VX102225
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/22/25 09:26	VX102225
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/22/25 09:26	VX102225
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/22/25 09:26	VX102225
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/22/25 09:26	VX102225
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/22/25 09:26	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.7			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.1			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	47.7			89 - 112		95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			85 - 114		109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	97900								
540-36-3	1,4-Difluorobenzene	185000								
3114-55-4	Chlorobenzene-d5	199000								
3855-82-1	1,4-Dichlorobenzene-d4	99800								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1024WBL01	SDG No.:	Q3399
Lab Sample ID:	VX1024WBL01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/24/25 09:48	VX102425
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/24/25 09:48	VX102425
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/24/25 09:48	VX102425
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/24/25 09:48	VX102425
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/24/25 09:48	VX102425
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/24/25 09:48	VX102425
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/24/25 09:48	VX102425
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/24/25 09:48	VX102425
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/24/25 09:48	VX102425
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/24/25 09:48	VX102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.2			81 - 118		104%	SPK: 50		
1868-53-7	Dibromofluoromethane	39.0	*		80 - 119		78%	SPK: 50		
2037-26-5	Toluene-d8	43.1	*		89 - 112		86%	SPK: 50		
460-00-4	4-Bromofluorobenzene	42.7			85 - 114		85%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	90500								
540-36-3	1,4-Difluorobenzene	176000								
3114-55-4	Chlorobenzene-d5	166000								
3855-82-1	1,4-Dichlorobenzene-d4	72200								

U = Not Detected
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	VX1022WBS01			SDG No.:	Q3399
Lab Sample ID:	VX1022WBS01			Matrix:	TCLP
Analytical Method:	8260D	Level:	LOW	% Solid:	0
Sample Wt/Vol:	5 mL	Final Vol:	5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	16.4		1	0.26	0.75	1.00	ug/L	10/22/25 09:53	VX102225
75-35-4	1,1-Dichloroethene	18.3		1	0.23	0.75	1.00	ug/L	10/22/25 09:53	VX102225
78-93-3	2-Butanone	88.7		1	0.98	2.50	5.00	ug/L	10/22/25 09:53	VX102225
56-23-5	Carbon Tetrachloride	18.9		1	0.25	0.50	1.00	ug/L	10/22/25 09:53	VX102225
67-66-3	Chloroform	19.4		1	0.25	0.50	1.00	ug/L	10/22/25 09:53	VX102225
71-43-2	Benzene	18.9		1	0.15	0.50	1.00	ug/L	10/22/25 09:53	VX102225
107-06-2	1,2-Dichloroethane	20.4		1	0.22	0.50	1.00	ug/L	10/22/25 09:53	VX102225
79-01-6	Trichloroethene	19.3		1	0.090	0.75	1.00	ug/L	10/22/25 09:53	VX102225
127-18-4	Tetrachloroethene	17.9		1	0.23	0.50	1.00	ug/L	10/22/25 09:53	VX102225
108-90-7	Chlorobenzene	19.3		1	0.12	0.50	1.00	ug/L	10/22/25 09:53	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.2			81 - 118		100%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.9			80 - 119		102%	SPK: 50		
2037-26-5	Toluene-d8	50.7			89 - 112		101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.4			85 - 114		105%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	116000								
540-36-3	1,4-Difluorobenzene	185000								
3114-55-4	Chlorobenzene-d5	172000								
3855-82-1	1,4-Dichlorobenzene-d4	91100								

U = Not Detected
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1024WBS01	SDG No.:	Q3399
Lab Sample ID:	VX1024WBS01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	27.8		1	0.26	0.75	1.00	ug/L	10/24/25 10:15	VX102425
75-35-4	1,1-Dichloroethene	20.7		1	0.23	0.75	1.00	ug/L	10/24/25 10:15	VX102425
78-93-3	2-Butanone	84.6		1	0.98	2.50	5.00	ug/L	10/24/25 10:15	VX102425
56-23-5	Carbon Tetrachloride	18.5		1	0.25	0.50	1.00	ug/L	10/24/25 10:15	VX102425
67-66-3	Chloroform	20.8		1	0.25	0.50	1.00	ug/L	10/24/25 10:15	VX102425
71-43-2	Benzene	20.2		1	0.15	0.50	1.00	ug/L	10/24/25 10:15	VX102425
107-06-2	1,2-Dichloroethane	21.0		1	0.22	0.50	1.00	ug/L	10/24/25 10:15	VX102425
79-01-6	Trichloroethene	19.2		1	0.090	0.75	1.00	ug/L	10/24/25 10:15	VX102425
127-18-4	Tetrachloroethene	20.9		1	0.23	0.50	1.00	ug/L	10/24/25 10:15	VX102425
108-90-7	Chlorobenzene	19.8		1	0.12	0.50	1.00	ug/L	10/24/25 10:15	VX102425
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.3			81 - 118		103%	SPK: 50		
1868-53-7	Dibromofluoromethane	41.6			80 - 119		83%	SPK: 50		
2037-26-5	Toluene-d8	49.6			89 - 112		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.3			85 - 114		97%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	146000								
540-36-3	1,4-Difluorobenzene	239000								
3114-55-4	Chlorobenzene-d5	209000								
3855-82-1	1,4-Dichlorobenzene-d4	104000								

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A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VX1022WBSD01	SDG No.:	Q3399
Lab Sample ID:	VX1022WBSD01	Matrix:	TCLP
Analytical Method:	8260D Level: LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-01-4	Vinyl Chloride	17.8		1	0.26	0.75	1.00	ug/L	10/22/25 10:18	VX102225
75-35-4	1,1-Dichloroethene	17.0		1	0.23	0.75	1.00	ug/L	10/22/25 10:18	VX102225
78-93-3	2-Butanone	88.8		1	0.98	2.50	5.00	ug/L	10/22/25 10:18	VX102225
56-23-5	Carbon Tetrachloride	18.3		1	0.25	0.50	1.00	ug/L	10/22/25 10:18	VX102225
67-66-3	Chloroform	19.2		1	0.25	0.50	1.00	ug/L	10/22/25 10:18	VX102225
71-43-2	Benzene	18.6		1	0.15	0.50	1.00	ug/L	10/22/25 10:18	VX102225
107-06-2	1,2-Dichloroethane	19.6		1	0.22	0.50	1.00	ug/L	10/22/25 10:18	VX102225
79-01-6	Trichloroethene	18.8		1	0.090	0.75	1.00	ug/L	10/22/25 10:18	VX102225
127-18-4	Tetrachloroethene	18.3		1	0.23	0.50	1.00	ug/L	10/22/25 10:18	VX102225
108-90-7	Chlorobenzene	19.1		1	0.12	0.50	1.00	ug/L	10/22/25 10:18	VX102225
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.3			81 - 118		99%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.3			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	49.2			89 - 112		98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.4			85 - 114		99%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	120000								
540-36-3	1,4-Difluorobenzene	196000								
3114-55-4	Chlorobenzene-d5	181000								
3855-82-1	1,4-Dichlorobenzene-d4	92300								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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* = Values outside of QC limits
D = Dilution
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A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: MSVOA_X Calibration Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048229.D RRF020 = VX048231.D RRF050 = VX048232.D
RRF100 = VX048233.D RRF150 = VX048234.D RRF005 = VX048236.D

COMPOUND	RRF001	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
Vinyl Chloride	0.447	0.437	0.416	0.462	0.445	0.458	0.444	3.7
1,1-Dichloroethene	0.515	0.548	0.485	0.558	0.531	0.514	0.525	5
2-Butanone	0.311	0.329	0.281	0.301	0.290	0.315	0.304	5.7
Carbon Tetrachloride	0.650	0.594	0.553	0.604	0.567	0.622	0.599	5.9
Chloroform	1.147	1.208	1.046	1.127	1.067	1.143	1.123	5.2
Benzene	1.493	1.480	1.301	1.426	1.347	1.405	1.409	5.3
1,2-Dichloroethane	0.529	0.566	0.500	0.528	0.496	0.499	0.520	5.2
Trichloroethene	0.400	0.373	0.348	0.380	0.363	0.366	0.372	4.7
Tetrachloroethene	0.418	0.378	0.328	0.370	0.361	0.385	0.373	7.9
Chlorobenzene	1.149	1.159	1.045	1.148	1.102	1.145	1.125	3.9
1,2-Dichloroethane-d4		0.709	0.682	0.690	0.698	0.725	0.701	2.4
Dibromofluoromethane		0.345	0.330	0.346	0.348	0.338	0.341	2.2
Toluene-d8		1.185	1.185	1.196	1.195	1.221	1.196	1.2
4-Bromofluorobenzene		0.445	0.444	0.446	0.441	0.500	0.455	5.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/22/2025 08:37

Lab File ID: VX048280.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.420		-5.41	20
1,1-Dichloroethene	0.525	0.556		5.91	20
2-Butanone	0.304	0.297		-2.3	20
Carbon Tetrachloride	0.599	0.685		14.36	20
Chloroform	1.123	1.158		3.12	20
Benzene	1.409	1.476		4.76	20
1,2-Dichloroethane	0.520	0.586		12.69	20
Trichloroethene	0.372	0.403		8.33	20
Tetrachloroethene	0.373	0.399		6.97	20
Chlorobenzene	1.125	1.207	0.3	7.29	20
1,2-Dichloroethane-d4	0.701	0.677		-3.42	20
Dibromofluoromethane	0.341	0.353		3.52	20
Toluene-d8	1.196	1.188		-0.67	20
4-Bromofluorobenzene	0.455	0.440		-3.3	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/22/2025 18:36

Lab File ID: VX048308.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.551		24.1	50
1,1-Dichloroethene	0.525	0.380		-27.62	50
2-Butanone	0.304	0.276		-9.21	50
Carbon Tetrachloride	0.599	0.488		-18.53	50
Chloroform	1.123	1.031		-8.19	50
Benzene	1.409	1.296		-8.02	50
1,2-Dichloroethane	0.520	0.475		-8.65	50
Trichloroethene	0.372	0.354		-4.84	50
Tetrachloroethene	0.373	0.382		2.41	50
Chlorobenzene	1.125	1.011	0.3	-10.13	50
1,2-Dichloroethane-d4	0.701	0.593		-15.41	50
Dibromofluoromethane	0.341	0.295		-13.49	50
Toluene-d8	1.196	1.171		-2.09	50
4-Bromofluorobenzene	0.455	0.303		-33.41	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/24/2025 09:16

Lab File ID: VX048339.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.627		41.22	20
1,1-Dichloroethene	0.525	0.572		8.95	20
2-Butanone	0.304	0.271		-10.85	20
Carbon Tetrachloride	0.599	0.550		-8.18	20
Chloroform	1.123	1.261		12.29	20
Benzene	1.409	1.480		5.04	20
1,2-Dichloroethane	0.520	0.592		13.85	20
Trichloroethene	0.372	0.374		0.54	20
Tetrachloroethene	0.373	0.372		-0.27	20
Chlorobenzene	1.125	1.142	0.3	1.51	20
1,2-Dichloroethane-d4	0.701	0.754		7.56	20
Dibromofluoromethane	0.341	0.277		-18.77	20
Toluene-d8	1.196	1.133		-5.27	20
4-Bromofluorobenzene	0.455	0.434		-4.61	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG No.: Q3399

Instrument ID: MSVOA_X | Calibration Date/Time: 10/24/2025 15:49

Lab File ID: VX048353.D | Init. Calib. Date(s): 10/20/2025 10/20/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 10:59 13:49

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.444	0.606		36.49	50
1,1-Dichloroethene	0.525	0.541		3.05	50
2-Butanone	0.304	0.265		-12.83	50
Carbon Tetrachloride	0.599	0.525		-12.35	50
Chloroform	1.123	1.134		0.98	50
Benzene	1.409	1.352		-4.05	50
1,2-Dichloroethane	0.520	0.518		-0.38	50
Trichloroethene	0.372	0.346		-6.99	50
Tetrachloroethene	0.373	0.355		-4.83	50
Chlorobenzene	1.125	1.054	0.3	-6.31	50
1,2-Dichloroethane-d4	0.701	0.681		-2.85	50
Dibromofluoromethane	0.341	0.269		-21.11	50
Toluene-d8	1.196	1.117		-6.61	50
4-Bromofluorobenzene	0.455	0.412		-9.45	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			SVOC-TCL BNA -20	8270E		10/22/25	11/03/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP BNA	8270E		10/22/25	11/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**COMP-ROLLOFF**									
Q3399-01	COMP-ROLLOFF	SOIL	1-Docosene	*	190.000	J	0		0	ug/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Benzophenone	*	240.000	J	0		0	ug/Kg
			Total Tics :		**430.00**					
			Total Concentration:		**430.00**					

SAMPLE DATA

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	300	U	1	170	300	370	ug/Kg	11/03/25 21:24	PB170206
108-95-2	Phenol	140	U	1	24.5	140	190	ug/Kg	11/03/25 21:24	PB170206
111-44-4	bis(2-Chloroethyl)ether	140	U	1	26.9	140	190	ug/Kg	11/03/25 21:24	PB170206
95-57-8	2-Chlorophenol	140	U	1	27.1	140	190	ug/Kg	11/03/25 21:24	PB170206
95-48-7	2-Methylphenol	140	U	1	33.2	140	190	ug/Kg	11/03/25 21:24	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	1	41.6	140	190	ug/Kg	11/03/25 21:24	PB170206
98-86-2	Acetophenone	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
65794-96-9	3+4-Methylphenols	300	U	1	45.6	300	370	ug/Kg	11/03/25 21:24	PB170206
621-64-7	n-Nitroso-di-n-propylamine	88.7	U	1	52.6	88.7	88.7	ug/Kg	11/03/25 21:24	PB170206
67-72-1	Hexachloroethane	140	U	1	19.5	140	190	ug/Kg	11/03/25 21:24	PB170206
98-95-3	Nitrobenzene	140	U	1	20.3	140	190	ug/Kg	11/03/25 21:24	PB170206
78-59-1	Isophorone	140	U	1	36.4	140	190	ug/Kg	11/03/25 21:24	PB170206
88-75-5	2-Nitrophenol	140	UM	1	64.5	140	190	ug/Kg	11/03/25 21:24	PB170206
105-67-9	2,4-Dimethylphenol	140	U	1	71.9	140	190	ug/Kg	11/03/25 21:24	PB170206
111-91-1	bis(2-Chloroethoxy)methane	140	U	1	34.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-83-2	2,4-Dichlorophenol	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
91-20-3	Naphthalene	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
106-47-8	4-Chloroaniline	140	U	1	39.3	140	190	ug/Kg	11/03/25 21:24	PB170206
87-68-3	Hexachlorobutadiene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
105-60-2	Caprolactam	300	U	1	57.8	300	370	ug/Kg	11/03/25 21:24	PB170206
59-50-7	4-Chloro-3-methylphenol	140	U	1	31.8	140	190	ug/Kg	11/03/25 21:24	PB170206
91-57-6	2-Methylnaphthalene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
77-47-4	Hexachlorocyclopentadiene	300	UQM	1	130	300	370	ug/Kg	11/03/25 21:24	PB170206
88-06-2	2,4,6-Trichlorophenol	140	U	1	22.0	140	190	ug/Kg	11/03/25 21:24	PB170206
95-95-4	2,4,5-Trichlorophenol	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
92-52-4	1,1-Biphenyl	140	U	1	24.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-58-7	2-Chloronaphthalene	140	U	1	25.0	140	190	ug/Kg	11/03/25 21:24	PB170206
88-74-4	2-Nitroaniline	140	U	1	53.3	140	190	ug/Kg	11/03/25 21:24	PB170206
131-11-3	Dimethylphthalate	140	U	1	30.1	140	190	ug/Kg	11/03/25 21:24	PB170206
208-96-8	Acenaphthylene	140	U	1	32.1	140	190	ug/Kg	11/03/25 21:24	PB170206
606-20-2	2,6-Dinitrotoluene	140	U	1	37.3	140	190	ug/Kg	11/03/25 21:24	PB170206
99-09-2	3-Nitroaniline	140	U	1	51.0	140	190	ug/Kg	11/03/25 21:24	PB170206
83-32-9	Acenaphthene	140	U	1	23.6	140	190	ug/Kg	11/03/25 21:24	PB170206
51-28-5	2,4-Dinitrophenol	300	U	1	250	300	370	ug/Kg	11/03/25 21:24	PB170206
100-02-7	4-Nitrophenol	300	U	1	120	300	370	ug/Kg	11/03/25 21:24	PB170206
132-64-9	Dibenzofuran	140	U	1	25.2	140	190	ug/Kg	11/03/25 21:24	PB170206
121-14-2	2,4-Dinitrotoluene	140	U	1	55.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-66-2	Diethylphthalate	140	U	1	31.4	140	190	ug/Kg	11/03/25 21:24	PB170206
7005-72-3	4-Chlorophenyl-phenylether	140	U	1	29.6	140	190	ug/Kg	11/03/25 21:24	PB170206
86-73-7	Fluorene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
100-01-6	4-Nitroaniline	140	U	1	71.2	140	190	ug/Kg	11/03/25 21:24	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	300	U	1	110	300	370	ug/Kg	11/03/25 21:24	PB170206

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	140	U	1	36.5	140	190	ug/Kg	11/03/25 21:24	PB170206
101-55-3	4-Bromophenyl-phenylether	140	U	1	30.8	140	190	ug/Kg	11/03/25 21:24	PB170206
118-74-1	Hexachlorobenzene	140	U	1	28.1	140	190	ug/Kg	11/03/25 21:24	PB170206
1912-24-9	Atrazine	140	U	1	37.7	140	190	ug/Kg	11/03/25 21:24	PB170206
87-86-5	Pentachlorophenol	300	U	1	56.9	300	370	ug/Kg	11/03/25 21:24	PB170206
85-01-8	Phenanthrene	140	U	1	23.2	140	190	ug/Kg	11/03/25 21:24	PB170206
120-12-7	Anthracene	140	U	1	36.9	140	190	ug/Kg	11/03/25 21:24	PB170206
86-74-8	Carbazole	140	U	1	34.6	140	190	ug/Kg	11/03/25 21:24	PB170206
84-74-2	Di-n-butylphthalate	140	U	1	53.1	140	190	ug/Kg	11/03/25 21:24	PB170206
206-44-0	Fluoranthene	140	U	1	33.3	140	190	ug/Kg	11/03/25 21:24	PB170206
129-00-0	Pyrene	140	U	1	39.9	140	190	ug/Kg	11/03/25 21:24	PB170206
85-68-7	Butylbenzylphthalate	140	U	1	79.2	140	190	ug/Kg	11/03/25 21:24	PB170206
91-94-1	3,3-Dichlorobenzidine	300	U	1	40.7	300	370	ug/Kg	11/03/25 21:24	PB170206
56-55-3	Benzo(a)anthracene	140	U	1	25.5	140	190	ug/Kg	11/03/25 21:24	PB170206
218-01-9	Chrysene	140	U	1	22.1	140	190	ug/Kg	11/03/25 21:24	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	1	65.7	140	190	ug/Kg	11/03/25 21:24	PB170206
117-84-0	Di-n-octyl phthalate	300	U	1	96.3	300	370	ug/Kg	11/03/25 21:24	PB170206
205-99-2	Benzo(b)fluoranthene	140	U	1	21.1	140	190	ug/Kg	11/03/25 21:24	PB170206
207-08-9	Benzo(k)fluoranthene	140	U	1	24.8	140	190	ug/Kg	11/03/25 21:24	PB170206
50-32-8	Benzo(a)pyrene	140	U	1	32.7	140	190	ug/Kg	11/03/25 21:24	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	1	32.3	140	190	ug/Kg	11/03/25 21:24	PB170206
53-70-3	Dibenzo(a,h)anthracene	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
191-24-2	Benzo(g,h,i)perylene	140	U	1	28.5	140	190	ug/Kg	11/03/25 21:24	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	1	28.4	140	190	ug/Kg	11/03/25 21:24	PB170206
123-91-1	1,4-Dioxane	140	UQM		50.1	140	190	ug/Kg	11/03/25 21:24	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	1	30.4	140	190	ug/Kg	11/03/25 21:24	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	89.1			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.5			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.2			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.5			44 - 115		65%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	104			39 - 132		69%	SPK: 150		
1718-51-0	Terphenyl-d14	61.8			54 - 127		62%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	32100								
1146-65-2	Naphthalene-d8	123000								
15067-26-2	Acenaphthene-d10	95300								
1517-22-2	Phenanthrene-d10	252000								
1719-03-5	Chrysene-d12	301000								
1520-96-3	Perylene-d12	332000								
TENTATIVE IDENTIFIED COMPOUNDS										
000119-61-9	Benzophenone	240	J				16.2	ug/Kg		
001599-67-3	1-Docosene	190	J				21.5	ug/Kg		

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170206BL	PB170206BL	2-Fluorophenol	150	139	93		35	115
		Phenol-d6	150	127	85		34	127
		Nitrobenzene-d5	100	110	110		37	122
		2-Fluorobiphenyl	100	93.6	94		44	115
		2,4,6-Tribromophenol	150	159	106		39	132
		Terphenyl-d14	100	96.5	97		54	127
PB170206BS	PB170206BS	2-Fluorophenol	150	122	82		35	115
		Phenol-d6	150	123	82		34	127
		Nitrobenzene-d5	100	92.4	92		37	122
		2-Fluorobiphenyl	100	81.6	82		44	115
		2,4,6-Tribromophenol	150	147	98		39	132
		Terphenyl-d14	100	86.2	86		54	127
Q3399-01	COMP-ROLLOFF	2-Fluorophenol	150	89.1	59		35	115
		Phenol-d6	150	91.5	61		34	127
		Nitrobenzene-d5	100	74.2	74		37	122
		2-Fluorobiphenyl	100	64.5	65		44	115
		2,4,6-Tribromophenol	150	104	69		39	132
		Terphenyl-d14	100	61.8	62		54	127
Q3399-01MS	COMP-ROLLOFFMS	2-Fluorophenol	150	88.7	59		35	115
		Phenol-d6	150	91.3	61		34	127
		Nitrobenzene-d5	100	68.7	69		37	122
		2-Fluorobiphenyl	100	59.5	60		44	115
		2,4,6-Tribromophenol	150	119	79		39	132
		Terphenyl-d14	100	59.9	60		54	127
Q3399-01MSD	COMP-ROLLOFFMSD	2-Fluorophenol	150	91.1	61		35	115
		Phenol-d6	150	98.9	66		34	127
		Nitrobenzene-d5	100	74.1	74		37	122
		2-Fluorobiphenyl	100	60.0	60		44	115
		2,4,6-Tribromophenol	150	121	81		39	132
		Terphenyl-d14	100	60.6	61		54	127

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MS		**Client Sample ID: COMP-ROLLOFFMS**									
Benzaldehyde	1800	0	1100	ug/Kg	61				10	161	
Phenol	1800	0	1700	ug/Kg	94				34	121	
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83				31	120	
2-Chlorophenol	1800	0	1900	ug/Kg	106				34	121	
2-Methylphenol	1800	0	1800	ug/Kg	100				32	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				33	131	
Acetophenone	1800	0	1900	ug/Kg	106				33	115	
3+4-Methylphenols	1800	0	1800	ug/Kg	100				34	119	
N-Nitroso-di-n-propylamine	1800	0	1700	ug/Kg	94				36	120	
Hexachloroethane	1800	0	1800	ug/Kg	100				28	117	
Nitrobenzene	1800	0	1900	ug/Kg	106				34	122	
Isophorone	1800	0	1600	ug/Kg	89				30	122	
2-Nitrophenol	1800	0	2200	ug/Kg	122				36	123	
2,4-Dimethylphenol	1800	0	1900	ug/Kg	106				30	127	
bis(2-Chloroethoxy)methane	1800	0	1600	ug/Kg	89				36	121	
2,4-Dichlorophenol	1800	0	2000	ug/Kg	111				40	122	
Naphthalene	1800	0	1700	ug/Kg	94				35	123	
4-Chloroaniline	1800	0	870	ug/Kg	48				17	106	
Hexachlorobutadiene	1800	0	1900	ug/Kg	106				32	123	
Caprolactam	1800	0	1500	ug/Kg	83				46	117	
4-Chloro-3-methylphenol	1800	0	1900	ug/Kg	106				45	122	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				38	122	
Hexachlorocyclopentadiene	3700	0	5500	ug/Kg	149	*			43	112	
2,4,6-Trichlorophenol	1800	0	2000	ug/Kg	111				39	126	
2,4,5-Trichlorophenol	1800	0	2000	ug/Kg	111				41	124	
1,1-Biphenyl	1800	0	1900	ug/Kg	106				40	117	
2-Chloronaphthalene	1800	0	1700	ug/Kg	94				41	114	
2-Nitroaniline	1800	0	1900	ug/Kg	106				44	127	
Dimethylphthalate	1800	0	1700	ug/Kg	94				48	124	
Acenaphthylene	1800	0	2000	ug/Kg	111				32	132	
2,6-Dinitrotoluene	1800	0	2100	ug/Kg	117				46	124	
3-Nitroaniline	1800	0	1600	ug/Kg	89				33	119	
Acenaphthene	1800	0	1900	ug/Kg	106				40	123	
2,4-Dinitrophenol	3700	0	4100	ug/Kg	111				15	130	
4-Nitrophenol	3700	0	3500	ug/Kg	95				30	132	
Dibenzofuran	1800	0	1800	ug/Kg	100				44	120	
2,4-Dinitrotoluene	1800	0	2100	ug/Kg	117				48	126	
Diethylphthalate	1800	0	1700	ug/Kg	94				50	124	
4-Chlorophenyl-phenylether	1800	0	1900	ug/Kg	106				45	121	
Fluorene	1800	0	1800	ug/Kg	100				43	125	
4-Nitroaniline	1800	0	2000	ug/Kg	111				35	115	
4,6-Dinitro-2-methylphenol	1800	0	2300	ug/Kg	128				29	132	
N-Nitrosodiphenylamine	1800	0	1800	ug/Kg	100				38	127	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				46	124	
Hexachlorobenzene	1800	0	2000	ug/Kg	111				45	122	
Atrazine	1800	0	2000	ug/Kg	111				47	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064683.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70				25	133	
Phenanthrene	1800	0	1800	ug/Kg	100				50	121	
Anthracene	1800	0	1800	ug/Kg	100				47	123	
Carbazole	1800	0	1800	ug/Kg	100				50	123	
Di-n-butylphthalate	1800	0	1800	ug/Kg	100				51	128	
Fluoranthene	1800	0	1800	ug/Kg	100				50	127	
Pyrene	1800	0	1700	ug/Kg	94				47	127	
Butylbenzylphthalate	1800	0	1900	ug/Kg	106				48	132	
3,3-Dichlorobenzidine	1800	0	1300	ug/Kg	72				22	121	
Benzo(a)anthracene	1800	0	1800	ug/Kg	100				49	126	
Chrysene	1800	0	1800	ug/Kg	100				50	124	
bis(2-Ethylhexyl)phthalate	1800	0	1800	ug/Kg	100				51	133	
Di-n-octyl phthalate	1800	0	1900	ug/Kg	106				45	140	
Benzo(b)fluoranthene	1800	0	1800	ug/Kg	100				45	132	
Benzo(k)fluoranthene	1800	0	1800	ug/Kg	100				47	132	
Benzo(a)pyrene	1800	0	1900	ug/Kg	106				45	129	
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100				45	133	
Dibenz(a,h)anthracene	1800	0	1800	ug/Kg	100				45	134	
Benzo(g,h,i)perylene	1800	0	1900	ug/Kg	106				43	134	
1,2,4,5-Tetrachlorobenzene	1800	0	2000	ug/Kg	111				37	119	
1,4-Dioxane	1800	0	1200	ug/Kg	67	*			70	130	
2,3,4,6-Tetrachlorophenol	1800	0	2000	ug/Kg	111				44	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3399-01MSD		**Client Sample ID: COMP-ROLLOFFMSD**									
Benzaldehyde	1900	0	1200	ug/Kg	63		3		10	161	20
Phenol	1900	0	1800	ug/Kg	95		1		34	121	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84		1		31	120	20
2-Chlorophenol	1900	0	2000	ug/Kg	105		1		34	121	20
2-Methylphenol	1900	0	1900	ug/Kg	100		0		32	122	20
2,2-oxybis(1-Chloropropane)	1900	0	1600	ug/Kg	84		6		33	131	20
Acetophenone	1900	0	2000	ug/Kg	105		1		33	115	20
3+4-Methylphenols	1900	0	1800	ug/Kg	95		5		34	119	20
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89		5		36	120	20
Hexachloroethane	1900	0	1900	ug/Kg	100		0		28	117	20
Nitrobenzene	1900	0	2000	ug/Kg	105		1		34	122	20
Isophorone	1900	0	1700	ug/Kg	89		0		30	122	20
2-Nitrophenol	1900	0	2400	ug/Kg	126	*	3		36	123	20
2,4-Dimethylphenol	1900	0	2000	ug/Kg	105		1		30	127	20
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89		0		36	121	20
2,4-Dichlorophenol	1900	0	2100	ug/Kg	111		0		40	122	20
Naphthalene	1900	0	1800	ug/Kg	95		1		35	123	20
4-Chloroaniline	1900	0	930	ug/Kg	49		2		17	106	20
Hexachlorobutadiene	1900	0	2000	ug/Kg	105		1		32	123	20
Caprolactam	1900	0	1700	ug/Kg	89		7		46	117	20
4-Chloro-3-methylphenol	1900	0	2000	ug/Kg	105		1		45	122	20
2-Methylnaphthalene	1900	0	1700	ug/Kg	89		0		38	122	20
Hexachlorocyclopentadiene	3700	0	5600	ug/Kg	151	*	1		43	112	20
2,4,6-Trichlorophenol	1900	0	2100	ug/Kg	111		0		39	126	20
2,4,5-Trichlorophenol	1900	0	2000	ug/Kg	105		6		41	124	20
1,1-Biphenyl	1900	0	2000	ug/Kg	105		1		40	117	20
2-Chloronaphthalene	1900	0	1800	ug/Kg	95		1		41	114	20
2-Nitroaniline	1900	0	2000	ug/Kg	105		1		44	127	20
Dimethylphthalate	1900	0	1800	ug/Kg	95		1		48	124	20
Acenaphthylene	1900	0	2000	ug/Kg	105		6		32	132	20
2,6-Dinitrotoluene	1900	0	2200	ug/Kg	116		1		46	124	20
3-Nitroaniline	1900	0	1600	ug/Kg	84		6		33	119	20
Acenaphthene	1900	0	2000	ug/Kg	105		1		40	123	20
2,4-Dinitrophenol	3700	0	4000	ug/Kg	108		3		15	130	20
4-Nitrophenol	3700	0	3500	ug/Kg	95		0		30	132	20
Dibenzofuran	1900	0	1800	ug/Kg	95		5		44	120	20
2,4-Dinitrotoluene	1900	0	2100	ug/Kg	111		5		48	126	20
Diethylphthalate	1900	0	1800	ug/Kg	95		1		50	124	20
4-Chlorophenyl-phenylether	1900	0	1900	ug/Kg	100		6		45	121	20
Fluorene	1900	0	1800	ug/Kg	95		5		43	125	20
4-Nitroaniline	1900	0	2000	ug/Kg	105		6		35	115	20
4,6-Dinitro-2-methylphenol	1900	0	2400	ug/Kg	126		2		29	132	20
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100		0		38	127	20
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105		1		46	124	20
Hexachlorobenzene	1900	0	2000	ug/Kg	105		6		45	122	20
Atrazine	1900	0	2000	ug/Kg	105		6		47	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064684.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3700	0	2600	ug/Kg	70		0		25	133	20
Phenanthrene	1900	0	1800	ug/Kg	95		5		50	121	20
Anthracene	1900	0	1800	ug/Kg	95		5		47	123	20
Carbazole	1900	0	1800	ug/Kg	95		5		50	123	20
Di-n-butylphthalate	1900	0	1800	ug/Kg	95		5		51	128	20
Fluoranthene	1900	0	1800	ug/Kg	95		5		50	127	20
Pyrene	1900	0	1700	ug/Kg	89		5		47	127	20
Butylbenzylphthalate	1900	0	2000	ug/Kg	105		1		48	132	20
3,3-Dichlorobenzidine	1900	0	1400	ug/Kg	74		3		22	121	20
Benzo(a)anthracene	1900	0	1800	ug/Kg	95		5		49	126	20
Chrysene	1900	0	1800	ug/Kg	95		5		50	124	20
bis(2-Ethylhexyl)phthalate	1900	0	1900	ug/Kg	100		0		51	133	20
Di-n-octyl phthalate	1900	0	1900	ug/Kg	100		6		45	140	20
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		0		45	132	20
Benzo(k)fluoranthene	1900	0	1900	ug/Kg	100		0		47	132	20
Benzo(a)pyrene	1900	0	1900	ug/Kg	100		6		45	129	20
Indeno(1,2,3-cd)pyrene	1900	0	1900	ug/Kg	100		0		45	133	20
Dibenz(a,h)anthracene	1900	0	1900	ug/Kg	100		0		45	134	20
Benzo(g,h,i)perylene	1900	0	1900	ug/Kg	100		6		43	134	20
1,2,4,5-Tetrachlorobenzene	1900	0	2100	ug/Kg	111		0		37	119	20
1,4-Dioxane	1900	0	1200	ug/Kg	63	*	6		70	130	20
2,3,4,6-Tetrachlorophenol	1900	0	2200	ug/Kg	116		4		44	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170206BS	Benzaldehyde	1700	980	ug/Kg	58				10	161	
	Phenol	1700	1400	ug/Kg	82				34	121	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				31	120	
	2-Chlorophenol	1700	1500	ug/Kg	88				34	121	
	2-Methylphenol	1700	1500	ug/Kg	88				32	122	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				33	131	
	Acetophenone	1700	1500	ug/Kg	88				33	115	
	3+4-Methylphenols	1700	1400	ug/Kg	82				34	119	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				36	120	
	Hexachloroethane	1700	1400	ug/Kg	82				28	117	
	Nitrobenzene	1700	1500	ug/Kg	88				34	122	
	Isophorone	1700	1300	ug/Kg	76				30	122	
	2-Nitrophenol	1700	1700	ug/Kg	100				36	123	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				30	127	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				36	121	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				40	122	
	Naphthalene	1700	1400	ug/Kg	82				35	123	
	4-Chloroaniline	1700	700	ug/Kg	41				17	106	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				32	123	
	Caprolactam	1700	1400	ug/Kg	82				46	117	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				45	122	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				38	122	
	Hexachlorocyclopentadiene	3300	4200	ug/Kg	127		*		43	112	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				39	126	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				41	124	
	1,1-Biphenyl	1700	1600	ug/Kg	94				40	117	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				41	114	
	2-Nitroaniline	1700	1500	ug/Kg	88				44	127	
	Dimethylphthalate	1700	1500	ug/Kg	88				48	124	
	Acenaphthylene	1700	1700	ug/Kg	100				32	132	
	2,6-Dinitrotoluene	1700	1800	ug/Kg	106				46	124	
	3-Nitroaniline	1700	1200	ug/Kg	71				33	119	
	Acenaphthene	1700	1600	ug/Kg	94				40	123	
	2,4-Dinitrophenol	3300	3700	ug/Kg	112				15	130	
	4-Nitrophenol	3300	3100	ug/Kg	94				30	132	
	Dibenzofuran	1700	1400	ug/Kg	82				44	120	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				48	126	
	Diethylphthalate	1700	1500	ug/Kg	88				50	124	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				45	121	
	Fluorene	1700	1500	ug/Kg	88				43	125	
	4-Nitroaniline	1700	1700	ug/Kg	100				35	115	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				29	132	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				38	127	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				46	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064674.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170206BS	Hexachlorobenzene	1700	1500	ug/Kg	88				45	122	
	Atrazine	1700	1600	ug/Kg	94				47	127	
	Pentachlorophenol	3300	3300	ug/Kg	100				25	133	
	Phenanthrene	1700	1500	ug/Kg	88				50	121	
	Anthracene	1700	1500	ug/Kg	88				47	123	
	Carbazole	1700	1500	ug/Kg	88				50	123	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				51	128	
	Fluoranthene	1700	1500	ug/Kg	88				50	127	
	Pyrene	1700	1400	ug/Kg	82				47	127	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				48	132	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				22	121	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				49	126	
	Chrysene	1700	1400	ug/Kg	82				50	124	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				51	133	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				45	140	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				45	132	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				47	132	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				45	129	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				45	133	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				45	134	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				43	134	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				37	119	
	1,4-Dioxane	1700	1000	ug/Kg	59		*		70	130	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				44	125	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170206BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: BG064673.D | Lab Sample ID: PB170206BL

Instrument ID: BNA_G | Date Extracted: 10/22/2025

Matrix: (soil/water) SOIL | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 15:16

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170206BS	PB170206BS	BG064674.D	11/03/2025
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064671.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_G DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.3 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064672.D	11/03/2025	14:35
PB170206BL	PB170206BL	BG064673.D	11/03/2025	15:16
PB170206BS	PB170206BS	BG064674.D	11/03/2025	15:57
COMP-ROLLOFF	Q3399-01	BG064682.D	11/03/2025	21:24
COMP-ROLLOFFMS	Q3399-01MS	BG064683.D	11/03/2025	22:05
COMP-ROLLOFFMSD	Q3399-01MSD	BG064684.D	11/03/2025	22:46
SSTDCCC040EC	SSTDCCC040	BG064685.D	11/03/2025	23:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	31906	8.207	126610	11.04	99069	14.83
	UPPER LIMIT	63812	8.707	253220	11.539	198138	15.334
	LOWER LIMIT	15953	7.707	63305	10.539	49534.5	14.334
	EPA SAMPLE NO.						
01	PB170206BL	33303	8.21	120360	11.04	97938	14.83
02	PB170206BS	31473	8.21	125369	11.04	100193	14.83
03	COMP-ROLLOFF	32053	8.21	122752	11.04	95326	14.83
04	COMP-ROLLOFFMS	30518	8.21	124719	11.03	97711	14.83
05	COMP-ROLLOFFMSD	29939	8.21	118752	11.03	97631	14.83

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	239125	17.572	279624	21.85	296512	25.187
	UPPER LIMIT	478250	18.072	559248	22.35	593024	25.687
	LOWER LIMIT	119563	17.072	139812	21.35	148256	24.687
	EPA SAMPLE NO.						
01	PB170206BL	255703	17.57	321187	21.84	341510	25.17
02	PB170206BS	249048	17.57	291284	21.85	304737	25.18
03	COMP-ROLLOFF	251613	17.57	301190	21.84	331540	25.17
04	COMP-ROLLOFFMS	238341	17.57	278646	21.84	306904	25.17
05	COMP-ROLLOFFMSD	238127	17.57	275359	21.84	303393	25.18

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BL	SDG No.:	Q3399
Lab Sample ID:	PB170206BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	270	U	1	160	270	330	ug/Kg	11/03/25 15:16	PB170206
108-95-2	Phenol	130	U	1	22.1	130	170	ug/Kg	11/03/25 15:16	PB170206
111-44-4	bis(2-Chloroethyl)ether	130	U	1	24.3	130	170	ug/Kg	11/03/25 15:16	PB170206
95-57-8	2-Chlorophenol	130	U	1	24.4	130	170	ug/Kg	11/03/25 15:16	PB170206
95-48-7	2-Methylphenol	130	U	1	29.9	130	170	ug/Kg	11/03/25 15:16	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	1	37.5	130	170	ug/Kg	11/03/25 15:16	PB170206
98-86-2	Acetophenone	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
65794-96-9	3+4-Methylphenols	270	U	1	41.1	270	330	ug/Kg	11/03/25 15:16	PB170206
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	80.0	ug/Kg	11/03/25 15:16	PB170206
67-72-1	Hexachloroethane	130	U	1	17.6	130	170	ug/Kg	11/03/25 15:16	PB170206
98-95-3	Nitrobenzene	130	U	1	18.3	130	170	ug/Kg	11/03/25 15:16	PB170206
78-59-1	Isophorone	130	U	1	32.8	130	170	ug/Kg	11/03/25 15:16	PB170206
88-75-5	2-Nitrophenol	130	U	1	58.2	130	170	ug/Kg	11/03/25 15:16	PB170206
105-67-9	2,4-Dimethylphenol	130	U	1	64.8	130	170	ug/Kg	11/03/25 15:16	PB170206
111-91-1	bis(2-Chloroethoxy)methane	130	U	1	30.8	130	170	ug/Kg	11/03/25 15:16	PB170206
120-83-2	2,4-Dichlorophenol	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
91-20-3	Naphthalene	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
106-47-8	4-Chloroaniline	130	U	1	35.4	130	170	ug/Kg	11/03/25 15:16	PB170206
87-68-3	Hexachlorobutadiene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
105-60-2	Caprolactam	270	U	1	52.1	270	330	ug/Kg	11/03/25 15:16	PB170206
59-50-7	4-Chloro-3-methylphenol	130	U	1	28.7	130	170	ug/Kg	11/03/25 15:16	PB170206
91-57-6	2-Methylnaphthalene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
77-47-4	Hexachlorocyclopentadiene	270	U	1	120	270	330	ug/Kg	11/03/25 15:16	PB170206
88-06-2	2,4,6-Trichlorophenol	130	U	1	19.8	130	170	ug/Kg	11/03/25 15:16	PB170206
95-95-4	2,4,5-Trichlorophenol	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
92-52-4	1,1-Biphenyl	130	U	1	21.8	130	170	ug/Kg	11/03/25 15:16	PB170206
91-58-7	2-Chloronaphthalene	130	U	1	22.5	130	170	ug/Kg	11/03/25 15:16	PB170206
88-74-4	2-Nitroaniline	130	U	1	48.1	130	170	ug/Kg	11/03/25 15:16	PB170206
131-11-3	Dimethylphthalate	130	U	1	27.1	130	170	ug/Kg	11/03/25 15:16	PB170206
208-96-8	Acenaphthylene	130	U	1	28.9	130	170	ug/Kg	11/03/25 15:16	PB170206
606-20-2	2,6-Dinitrotoluene	130	U	1	33.6	130	170	ug/Kg	11/03/25 15:16	PB170206
99-09-2	3-Nitroaniline	130	U	1	46.0	130	170	ug/Kg	11/03/25 15:16	PB170206
83-32-9	Acenaphthene	130	U	1	21.3	130	170	ug/Kg	11/03/25 15:16	PB170206
51-28-5	2,4-Dinitrophenol	270	U	1	230	270	330	ug/Kg	11/03/25 15:16	PB170206
100-02-7	4-Nitrophenol	270	U	1	110	270	330	ug/Kg	11/03/25 15:16	PB170206
132-64-9	Dibenzofuran	130	U	1	22.7	130	170	ug/Kg	11/03/25 15:16	PB170206
121-14-2	2,4-Dinitrotoluene	130	U	1	50.1	130	170	ug/Kg	11/03/25 15:16	PB170206
84-66-2	Diethylphthalate	130	U	1	28.3	130	170	ug/Kg	11/03/25 15:16	PB170206
7005-72-3	4-Chlorophenyl-phenylether	130	U	1	26.7	130	170	ug/Kg	11/03/25 15:16	PB170206
86-73-7	Fluorene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
100-01-6	4-Nitroaniline	130	U	1	64.2	130	170	ug/Kg	11/03/25 15:16	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	270	U	1	100	270	330	ug/Kg	11/03/25 15:16	PB170206

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BL	SDG No.:	Q3399
Lab Sample ID:	PB170206BL	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	130	U	1	32.9	130	170	ug/Kg	11/03/25 15:16	PB170206
101-55-3	4-Bromophenyl-phenylether	130	U	1	27.8	130	170	ug/Kg	11/03/25 15:16	PB170206
118-74-1	Hexachlorobenzene	130	U	1	25.3	130	170	ug/Kg	11/03/25 15:16	PB170206
1912-24-9	Atrazine	130	U	1	34.0	130	170	ug/Kg	11/03/25 15:16	PB170206
87-86-5	Pentachlorophenol	270	U	1	51.3	270	330	ug/Kg	11/03/25 15:16	PB170206
85-01-8	Phenanthrene	130	U	1	20.9	130	170	ug/Kg	11/03/25 15:16	PB170206
120-12-7	Anthracene	130	U	1	33.3	130	170	ug/Kg	11/03/25 15:16	PB170206
86-74-8	Carbazole	130	U	1	31.2	130	170	ug/Kg	11/03/25 15:16	PB170206
84-74-2	Di-n-butylphthalate	130	U	1	47.9	130	170	ug/Kg	11/03/25 15:16	PB170206
206-44-0	Fluoranthene	130	U	1	30.0	130	170	ug/Kg	11/03/25 15:16	PB170206
129-00-0	Pyrene	130	U	1	36.0	130	170	ug/Kg	11/03/25 15:16	PB170206
85-68-7	Butylbenzylphthalate	130	U	1	71.4	130	170	ug/Kg	11/03/25 15:16	PB170206
91-94-1	3,3-Dichlorobenzidine	270	U	1	36.7	270	330	ug/Kg	11/03/25 15:16	PB170206
56-55-3	Benzo(a)anthracene	130	U	1	23.0	130	170	ug/Kg	11/03/25 15:16	PB170206
218-01-9	Chrysene	130	U	1	19.9	130	170	ug/Kg	11/03/25 15:16	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	1	59.2	130	170	ug/Kg	11/03/25 15:16	PB170206
117-84-0	Di-n-octyl phthalate	270	U	1	86.8	270	330	ug/Kg	11/03/25 15:16	PB170206
205-99-2	Benzo(b)fluoranthene	130	U	1	19.0	130	170	ug/Kg	11/03/25 15:16	PB170206
207-08-9	Benzo(k)fluoranthene	130	U	1	22.4	130	170	ug/Kg	11/03/25 15:16	PB170206
50-32-8	Benzo(a)pyrene	130	U	1	29.5	130	170	ug/Kg	11/03/25 15:16	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	1	29.1	130	170	ug/Kg	11/03/25 15:16	PB170206
53-70-3	Dibenzo(a,h)anthracene	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
191-24-2	Benzo(g,h,i)perylene	130	U	1	25.7	130	170	ug/Kg	11/03/25 15:16	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	1	25.6	130	170	ug/Kg	11/03/25 15:16	PB170206
123-91-1	1,4-Dioxane	130	U	1	45.2	130	170	ug/Kg	11/03/25 15:16	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	1	27.4	130	170	ug/Kg	11/03/25 15:16	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	139			35 - 115		93%	SPK: 150		
13127-88-3	Phenol-d6	127			34 - 127		85%	SPK: 150		
4165-60-0	Nitrobenzene-d5	110			37 - 122		110%	SPK: 100		
321-60-8	2-Fluorobiphenyl	93.6			44 - 115		94%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	159			39 - 132		106%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			54 - 127		97%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	33300								
1146-65-2	Naphthalene-d8	120000								
15067-26-2	Acenaphthene-d10	97900								
1517-22-2	Phenanthrene-d10	256000								
1719-03-5	Chrysene-d12	321000								
1520-96-3	Perylene-d12	342000								

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Report of Analysis

Client:	ICE Service Group, Inc.			Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY			Date Received:	
Client Sample ID:	PB170206BL			SDG No.:	Q3399
Lab Sample ID:	PB170206BL			Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date:	10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	980		1	160	270	330	ug/Kg	11/03/25 15:57	PB170206
108-95-2	Phenol	1400		1	22.1	130	170	ug/Kg	11/03/25 15:57	PB170206
111-44-4	bis(2-Chloroethyl)ether	1300		1	24.3	130	170	ug/Kg	11/03/25 15:57	PB170206
95-57-8	2-Chlorophenol	1500		1	24.4	130	170	ug/Kg	11/03/25 15:57	PB170206
95-48-7	2-Methylphenol	1500		1	29.9	130	170	ug/Kg	11/03/25 15:57	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	37.5	130	170	ug/Kg	11/03/25 15:57	PB170206
98-86-2	Acetophenone	1500		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
65794-96-9	3+4-Methylphenols	1400		1	41.1	270	330	ug/Kg	11/03/25 15:57	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1300		1	47.4	79.9	79.9	ug/Kg	11/03/25 15:57	PB170206
67-72-1	Hexachloroethane	1400		1	17.6	130	170	ug/Kg	11/03/25 15:57	PB170206
98-95-3	Nitrobenzene	1500		1	18.3	130	170	ug/Kg	11/03/25 15:57	PB170206
78-59-1	Isophorone	1300		1	32.8	130	170	ug/Kg	11/03/25 15:57	PB170206
88-75-5	2-Nitrophenol	1700		1	58.1	130	170	ug/Kg	11/03/25 15:57	PB170206
105-67-9	2,4-Dimethylphenol	1600		1	64.7	130	170	ug/Kg	11/03/25 15:57	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1300		1	30.8	130	170	ug/Kg	11/03/25 15:57	PB170206
120-83-2	2,4-Dichlorophenol	1600		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-20-3	Naphthalene	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
106-47-8	4-Chloroaniline	700		1	35.4	130	170	ug/Kg	11/03/25 15:57	PB170206
87-68-3	Hexachlorobutadiene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
105-60-2	Caprolactam	1400		1	52.0	270	330	ug/Kg	11/03/25 15:57	PB170206
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	130	170	ug/Kg	11/03/25 15:57	PB170206
91-57-6	2-Methylnaphthalene	1300		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
77-47-4	Hexachlorocyclopentadiene	4200	E	1	120	270	330	ug/Kg	11/03/25 15:57	PB170206
88-06-2	2,4,6-Trichlorophenol	1700		1	19.8	130	170	ug/Kg	11/03/25 15:57	PB170206
95-95-4	2,4,5-Trichlorophenol	1600		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
92-52-4	1,1-Biphenyl	1600		1	21.8	130	170	ug/Kg	11/03/25 15:57	PB170206
91-58-7	2-Chloronaphthalene	1400		1	22.5	130	170	ug/Kg	11/03/25 15:57	PB170206
88-74-4	2-Nitroaniline	1500		1	48.1	130	170	ug/Kg	11/03/25 15:57	PB170206
131-11-3	Dimethylphthalate	1500		1	27.1	130	170	ug/Kg	11/03/25 15:57	PB170206
208-96-8	Acenaphthylene	1700		1	28.9	130	170	ug/Kg	11/03/25 15:57	PB170206
606-20-2	2,6-Dinitrotoluene	1800		1	33.6	130	170	ug/Kg	11/03/25 15:57	PB170206
99-09-2	3-Nitroaniline	1200		1	46.0	130	170	ug/Kg	11/03/25 15:57	PB170206
83-32-9	Acenaphthene	1600		1	21.3	130	170	ug/Kg	11/03/25 15:57	PB170206
51-28-5	2,4-Dinitrophenol	3700	E	1	230	270	330	ug/Kg	11/03/25 15:57	PB170206
100-02-7	4-Nitrophenol	3100	E	1	110	270	330	ug/Kg	11/03/25 15:57	PB170206
132-64-9	Dibenzofuran	1400		1	22.7	130	170	ug/Kg	11/03/25 15:57	PB170206
121-14-2	2,4-Dinitrotoluene	1700		1	50.0	130	170	ug/Kg	11/03/25 15:57	PB170206
84-66-2	Diethylphthalate	1500		1	28.3	130	170	ug/Kg	11/03/25 15:57	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1500		1	26.7	130	170	ug/Kg	11/03/25 15:57	PB170206
86-73-7	Fluorene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
100-01-6	4-Nitroaniline	1700		1	64.1	130	170	ug/Kg	11/03/25 15:57	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	1900		1	100	270	330	ug/Kg	11/03/25 15:57	PB170206

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	130	170	ug/Kg	11/03/25 15:57	PB170206
101-55-3	4-Bromophenyl-phenylether	1500		1	27.8	130	170	ug/Kg	11/03/25 15:57	PB170206
118-74-1	Hexachlorobenzene	1500		1	25.3	130	170	ug/Kg	11/03/25 15:57	PB170206
1912-24-9	Atrazine	1600		1	34.0	130	170	ug/Kg	11/03/25 15:57	PB170206
87-86-5	Pentachlorophenol	3300	E	1	51.2	270	330	ug/Kg	11/03/25 15:57	PB170206
85-01-8	Phenanthrene	1500		1	20.9	130	170	ug/Kg	11/03/25 15:57	PB170206
120-12-7	Anthracene	1500		1	33.3	130	170	ug/Kg	11/03/25 15:57	PB170206
86-74-8	Carbazole	1500		1	31.2	130	170	ug/Kg	11/03/25 15:57	PB170206
84-74-2	Di-n-butylphthalate	1500		1	47.9	130	170	ug/Kg	11/03/25 15:57	PB170206
206-44-0	Fluoranthene	1500		1	30.0	130	170	ug/Kg	11/03/25 15:57	PB170206
129-00-0	Pyrene	1400		1	36.0	130	170	ug/Kg	11/03/25 15:57	PB170206
85-68-7	Butylbenzylphthalate	1600		1	71.3	130	170	ug/Kg	11/03/25 15:57	PB170206
91-94-1	3,3-Dichlorobenzidine	1100		1	36.7	270	330	ug/Kg	11/03/25 15:57	PB170206
56-55-3	Benzo(a)anthracene	1500		1	23.0	130	170	ug/Kg	11/03/25 15:57	PB170206
218-01-9	Chrysene	1400		1	19.9	130	170	ug/Kg	11/03/25 15:57	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1600		1	59.1	130	170	ug/Kg	11/03/25 15:57	PB170206
117-84-0	Di-n-octyl phthalate	1600		1	86.7	270	330	ug/Kg	11/03/25 15:57	PB170206
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	130	170	ug/Kg	11/03/25 15:57	PB170206
207-08-9	Benzo(k)fluoranthene	1500		1	22.4	130	170	ug/Kg	11/03/25 15:57	PB170206
50-32-8	Benzo(a)pyrene	1600		1	29.5	130	170	ug/Kg	11/03/25 15:57	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	130	170	ug/Kg	11/03/25 15:57	PB170206
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
191-24-2	Benzo(g,h,i)perylene	1500		1	25.7	130	170	ug/Kg	11/03/25 15:57	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		1	25.6	130	170	ug/Kg	11/03/25 15:57	PB170206
123-91-1	1,4-Dioxane	1000		1	45.2	130	170	ug/Kg	11/03/25 15:57	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	1800		1	27.4	130	170	ug/Kg	11/03/25 15:57	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	122			35 - 115		82%	SPK: 150		
13127-88-3	Phenol-d6	123			34 - 127		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.4			37 - 122		92%	SPK: 100		
321-60-8	2-Fluorobiphenyl	81.6			44 - 115		82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	147			39 - 132		98%	SPK: 150		
1718-51-0	Terphenyl-d14	86.2			54 - 127		86%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	31500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	100000								
1517-22-2	Phenanthrene-d10	249000								
1719-03-5	Chrysene-d12	291000								
1520-96-3	Perylene-d12	305000								

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170206BS	SDG No.:	Q3399
Lab Sample ID:	PB170206BS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1100		1	170	300	370	ug/Kg	11/03/25 22:05	PB170206
108-95-2	Phenol	1700		1	24.5	140	190	ug/Kg	11/03/25 22:05	PB170206
111-44-4	bis(2-Chloroethyl)ether	1500		1	27.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-57-8	2-Chlorophenol	1900		1	27.1	140	190	ug/Kg	11/03/25 22:05	PB170206
95-48-7	2-Methylphenol	1800		1	33.2	140	190	ug/Kg	11/03/25 22:05	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:05	PB170206
98-86-2	Acetophenone	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:05	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:05	PB170206
67-72-1	Hexachloroethane	1800		1	19.5	140	190	ug/Kg	11/03/25 22:05	PB170206
98-95-3	Nitrobenzene	1900		1	20.3	140	190	ug/Kg	11/03/25 22:05	PB170206
78-59-1	Isophorone	1600		1	36.4	140	190	ug/Kg	11/03/25 22:05	PB170206
88-75-5	2-Nitrophenol	2200		1	64.6	140	190	ug/Kg	11/03/25 22:05	PB170206
105-67-9	2,4-Dimethylphenol	1900		1	71.9	140	190	ug/Kg	11/03/25 22:05	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1600		1	34.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-83-2	2,4-Dichlorophenol	2000		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
91-20-3	Naphthalene	1700		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
106-47-8	4-Chloroaniline	870		1	39.3	140	190	ug/Kg	11/03/25 22:05	PB170206
87-68-3	Hexachlorobutadiene	1900		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
105-60-2	Caprolactam	1500		1	57.8	300	370	ug/Kg	11/03/25 22:05	PB170206
59-50-7	4-Chloro-3-methylphenol	1900		1	31.8	140	190	ug/Kg	11/03/25 22:05	PB170206
91-57-6	2-Methylnaphthalene	1600		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
77-47-4	Hexachlorocyclopentadiene	5500	E	1	130	300	370	ug/Kg	11/03/25 22:05	PB170206
88-06-2	2,4,6-Trichlorophenol	2000		1	22.0	140	190	ug/Kg	11/03/25 22:05	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
92-52-4	1,1-Biphenyl	1900		1	24.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-58-7	2-Chloronaphthalene	1700		1	25.0	140	190	ug/Kg	11/03/25 22:05	PB170206
88-74-4	2-Nitroaniline	1900		1	53.4	140	190	ug/Kg	11/03/25 22:05	PB170206
131-11-3	Dimethylphthalate	1700		1	30.1	140	190	ug/Kg	11/03/25 22:05	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:05	PB170206
606-20-2	2,6-Dinitrotoluene	2100		1	37.3	140	190	ug/Kg	11/03/25 22:05	PB170206
99-09-2	3-Nitroaniline	1600		1	51.0	140	190	ug/Kg	11/03/25 22:05	PB170206
83-32-9	Acenaphthene	1900		1	23.6	140	190	ug/Kg	11/03/25 22:05	PB170206
51-28-5	2,4-Dinitrophenol	4100	E	1	250	300	370	ug/Kg	11/03/25 22:05	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:05	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:05	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-66-2	Diethylphthalate	1700		1	31.4	140	190	ug/Kg	11/03/25 22:05	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:05	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
100-01-6	4-Nitroaniline	2000		1	71.2	140	190	ug/Kg	11/03/25 22:05	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2300		1	110	300	370	ug/Kg	11/03/25 22:05	PB170206

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1800		1	36.5	140	190	ug/Kg	11/03/25 22:05	PB170206
101-55-3	4-Bromophenyl-phenylether	1900		1	30.8	140	190	ug/Kg	11/03/25 22:05	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:05	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:05	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:05	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:05	PB170206
120-12-7	Anthracene	1800		1	36.9	140	190	ug/Kg	11/03/25 22:05	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:05	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.1	140	190	ug/Kg	11/03/25 22:05	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:05	PB170206
129-00-0	Pyrene	1700		1	39.9	140	190	ug/Kg	11/03/25 22:05	PB170206
85-68-7	Butylbenzylphthalate	1900		1	79.2	140	190	ug/Kg	11/03/25 22:05	PB170206
91-94-1	3,3-Dichlorobenzidine	1300		1	40.7	300	370	ug/Kg	11/03/25 22:05	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:05	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:05	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1800		1	65.7	140	190	ug/Kg	11/03/25 22:05	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.3	300	370	ug/Kg	11/03/25 22:05	PB170206
205-99-2	Benzo(b)fluoranthene	1800		1	21.1	140	190	ug/Kg	11/03/25 22:05	PB170206
207-08-9	Benzo(k)fluoranthene	1800		1	24.9	140	190	ug/Kg	11/03/25 22:05	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:05	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1800		1	32.3	140	190	ug/Kg	11/03/25 22:05	PB170206
53-70-3	Dibenzo(a,h)anthracene	1800		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:05	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		1	28.4	140	190	ug/Kg	11/03/25 22:05	PB170206
123-91-1	1,4-Dioxane	1200		1	50.1	140	190	ug/Kg	11/03/25 22:05	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	30.4	140	190	ug/Kg	11/03/25 22:05	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	88.7			35 - 115		59%	SPK: 150		
13127-88-3	Phenol-d6	91.3			34 - 127		61%	SPK: 150		
4165-60-0	Nitrobenzene-d5	68.7			37 - 122		69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	59.5			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	119			39 - 132		79%	SPK: 150		
1718-51-0	Terphenyl-d14	59.9			54 - 127		60%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	30500								
1146-65-2	Naphthalene-d8	125000								
15067-26-2	Acenaphthene-d10	97700								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	279000								
1520-96-3	Perylene-d12	307000								

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
100-52-7	Benzaldehyde	1200		1	170	300	370	ug/Kg	11/03/25 22:46	PB170206
108-95-2	Phenol	1800		1	24.5	140	190	ug/Kg	11/03/25 22:46	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-57-8	2-Chlorophenol	2000		1	27.1	140	190	ug/Kg	11/03/25 22:46	PB170206
95-48-7	2-Methylphenol	1900		1	33.2	140	190	ug/Kg	11/03/25 22:46	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1600		1	41.6	140	190	ug/Kg	11/03/25 22:46	PB170206
98-86-2	Acetophenone	2000		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
65794-96-9	3+4-Methylphenols	1800		1	45.6	300	370	ug/Kg	11/03/25 22:46	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	88.8	ug/Kg	11/03/25 22:46	PB170206
67-72-1	Hexachloroethane	1900		1	19.5	140	190	ug/Kg	11/03/25 22:46	PB170206
98-95-3	Nitrobenzene	2000		1	20.3	140	190	ug/Kg	11/03/25 22:46	PB170206
78-59-1	Isophorone	1700		1	36.4	140	190	ug/Kg	11/03/25 22:46	PB170206
88-75-5	2-Nitrophenol	2400		1	64.6	140	190	ug/Kg	11/03/25 22:46	PB170206
105-67-9	2,4-Dimethylphenol	2000		1	71.9	140	190	ug/Kg	11/03/25 22:46	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-83-2	2,4-Dichlorophenol	2100		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
91-20-3	Naphthalene	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
106-47-8	4-Chloroaniline	930		1	39.3	140	190	ug/Kg	11/03/25 22:46	PB170206
87-68-3	Hexachlorobutadiene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
105-60-2	Caprolactam	1700		1	57.8	300	370	ug/Kg	11/03/25 22:46	PB170206
59-50-7	4-Chloro-3-methylphenol	2000		1	31.9	140	190	ug/Kg	11/03/25 22:46	PB170206
91-57-6	2-Methylnaphthalene	1700		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
77-47-4	Hexachlorocyclopentadiene	5600	E	1	130	300	370	ug/Kg	11/03/25 22:46	PB170206
88-06-2	2,4,6-Trichlorophenol	2100		1	22.0	140	190	ug/Kg	11/03/25 22:46	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
92-52-4	1,1-Biphenyl	2000		1	24.2	140	190	ug/Kg	11/03/25 22:46	PB170206
91-58-7	2-Chloronaphthalene	1800		1	25.0	140	190	ug/Kg	11/03/25 22:46	PB170206
88-74-4	2-Nitroaniline	2000		1	53.4	140	190	ug/Kg	11/03/25 22:46	PB170206
131-11-3	Dimethylphthalate	1800		1	30.1	140	190	ug/Kg	11/03/25 22:46	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	140	190	ug/Kg	11/03/25 22:46	PB170206
606-20-2	2,6-Dinitrotoluene	2200		1	37.3	140	190	ug/Kg	11/03/25 22:46	PB170206
99-09-2	3-Nitroaniline	1600		1	51.1	140	190	ug/Kg	11/03/25 22:46	PB170206
83-32-9	Acenaphthene	2000		1	23.6	140	190	ug/Kg	11/03/25 22:46	PB170206
51-28-5	2,4-Dinitrophenol	4000	E	1	250	300	370	ug/Kg	11/03/25 22:46	PB170206
100-02-7	4-Nitrophenol	3500	E	1	120	300	370	ug/Kg	11/03/25 22:46	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	140	190	ug/Kg	11/03/25 22:46	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-66-2	Diethylphthalate	1800		1	31.4	140	190	ug/Kg	11/03/25 22:46	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	140	190	ug/Kg	11/03/25 22:46	PB170206
86-73-7	Fluorene	1800		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
100-01-6	4-Nitroaniline	2000		1	71.3	140	190	ug/Kg	11/03/25 22:46	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2400		1	110	300	370	ug/Kg	11/03/25 22:46	PB170206

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	140	190	ug/Kg	11/03/25 22:46	PB170206
101-55-3	4-Bromophenyl-phenylether	2000		1	30.9	140	190	ug/Kg	11/03/25 22:46	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	140	190	ug/Kg	11/03/25 22:46	PB170206
1912-24-9	Atrazine	2000		1	37.7	140	190	ug/Kg	11/03/25 22:46	PB170206
87-86-5	Pentachlorophenol	2600		1	56.9	300	370	ug/Kg	11/03/25 22:46	PB170206
85-01-8	Phenanthrene	1800		1	23.2	140	190	ug/Kg	11/03/25 22:46	PB170206
120-12-7	Anthracene	1800		1	37.0	140	190	ug/Kg	11/03/25 22:46	PB170206
86-74-8	Carbazole	1800		1	34.6	140	190	ug/Kg	11/03/25 22:46	PB170206
84-74-2	Di-n-butylphthalate	1800		1	53.2	140	190	ug/Kg	11/03/25 22:46	PB170206
206-44-0	Fluoranthene	1800		1	33.3	140	190	ug/Kg	11/03/25 22:46	PB170206
129-00-0	Pyrene	1700		1	40.0	140	190	ug/Kg	11/03/25 22:46	PB170206
85-68-7	Butylbenzylphthalate	2000		1	79.3	140	190	ug/Kg	11/03/25 22:46	PB170206
91-94-1	3,3-Dichlorobenzidine	1400		1	40.7	300	370	ug/Kg	11/03/25 22:46	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	140	190	ug/Kg	11/03/25 22:46	PB170206
218-01-9	Chrysene	1800		1	22.1	140	190	ug/Kg	11/03/25 22:46	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1900		1	65.7	140	190	ug/Kg	11/03/25 22:46	PB170206
117-84-0	Di-n-octyl phthalate	1900		1	96.4	300	370	ug/Kg	11/03/25 22:46	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	140	190	ug/Kg	11/03/25 22:46	PB170206
207-08-9	Benzo(k)fluoranthene	1900		1	24.9	140	190	ug/Kg	11/03/25 22:46	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	140	190	ug/Kg	11/03/25 22:46	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1900		1	32.3	140	190	ug/Kg	11/03/25 22:46	PB170206
53-70-3	Dibenzo(a,h)anthracene	1900		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
191-24-2	Benzo(g,h,i)perylene	1900		1	28.5	140	190	ug/Kg	11/03/25 22:46	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		1	28.4	140	190	ug/Kg	11/03/25 22:46	PB170206
123-91-1	1,4-Dioxane	1200		1	50.2	140	190	ug/Kg	11/03/25 22:46	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2200		1	30.4	140	190	ug/Kg	11/03/25 22:46	PB170206
SURROGATES										
367-12-4	2-Fluorophenol	91.1			35 - 115		61%	SPK: 150		
13127-88-3	Phenol-d6	98.9			34 - 127		66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	74.1			37 - 122		74%	SPK: 100		
321-60-8	2-Fluorobiphenyl	60.0			44 - 115		60%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	121			39 - 132		81%	SPK: 150		
1718-51-0	Terphenyl-d14	60.6			54 - 127		61%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	29900								
1146-65-2	Naphthalene-d8	119000								
15067-26-2	Acenaphthene-d10	97600								
1517-22-2	Phenanthrene-d10	238000								
1719-03-5	Chrysene-d12	275000								
1520-96-3	Perylene-d12	303000								

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Report of Analysis

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Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		0.548	0.670	0.646	0.745	0.677	0.793	0.638	0.674	11.71
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.309	0.359	0.303	0.303	12.88
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.100	0.143	0.204	0.215	0.245	0.229	0.189	29.61
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.764	0.849	0.776	0.853	0.752	0.878	0.735	0.801	7.18

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.179		-1.1	
Benzaldehyde	0.893	0.823		-7.8	
Phenol-d6	1.635	1.619		-1.0	
Phenol	1.808	1.736		-4.0	20.0
bis(2-Chloroethyl)ether	1.329	1.260		-5.2	
2-Chlorophenol	1.247	1.336		7.1	
2-Methylphenol	1.201	1.202		0.1	
2,2-oxybis(1-Chloropropane)	3.487	3.429		-1.7	
Acetophenone	0.547	0.551		0.7	
3+4-Methylphenols	1.688	1.601		-5.2	
n-Nitroso-di-n-propylamine	1.130	1.137	0.050	0.6	
Nitrobenzene-d5	0.333	0.403		21.0	
Hexachloroethane	0.512	0.537		4.9	
Nitrobenzene	0.362	0.421		16.3	
Isophorone	0.799	0.796		-0.4	
2-Nitrophenol	0.121	0.170		40.5	20.0
2,4-Dimethylphenol	0.297	0.307		3.4	
bis(2-Chloroethoxy)methane	0.455	0.446		-2.0	
2,4-Dichlorophenol	0.320	0.345		7.8	20.0
Naphthalene	1.109	1.156		4.2	
4-Chloroaniline	0.431	0.428		-0.7	
Hexachlorobutadiene	0.284	0.314		10.6	20.0
Caprolactam	0.123	0.112		-8.9	
4-Chloro-3-methylphenol	0.384	0.406		5.7	20.0
2-Methylnaphthalene	0.814	0.866		6.4	
Hexachlorocyclopentadiene	0.302	0.364	0.050	20.5	
2,4,6-Trichlorophenol	0.384	0.447		16.4	20.0
2-Fluorobiphenyl	1.319	1.400		6.1	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
1,1-Biphenyl	1.422	1.477		3.9	
2-Chloronaphthalene	1.073	1.143		6.5	
2-Nitroaniline	0.311	0.391		25.7	
Dimethylphthalate	1.530	1.584		3.5	
Acenaphthylene	1.693	1.776		4.9	
2,6-Dinitrotoluene	0.218	0.279		28.0	
3-Nitroaniline	0.263	0.317		20.5	
Acenaphthene	1.157	1.235		6.7	20.0
2,4-Dinitrophenol	0.132	0.171	0.050	29.5	
4-Nitrophenol	0.244	0.243	0.050	-0.4	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.929		3.2	
2,4-Dinitrotoluene	0.340	0.451		32.6	
Diethylphthalate	1.563	1.594		2.0	
4-Chlorophenyl-phenylether	0.820	0.875		6.7	
Fluorene	1.460	1.503		2.9	
4-Nitroaniline	0.293	0.341		16.4	
4,6-Dinitro-2-methylphenol	0.079	0.112		41.8	
n-Nitrosodiphenylamine	0.540	0.566		4.8	20.0
2,4,6-Tribromophenol	0.289	0.342		18.3	
4-Bromophenyl-phenylether	0.237	0.258		8.9	
Hexachlorobenzene	0.270	0.299		10.7	
Atrazine	0.232	0.242		4.3	
Pentachlorophenol	0.169	0.195		15.4	20.0
Phenanthrene	1.094	1.153		5.4	
Anthracene	1.113	1.163		4.5	
Carbazole	0.981	1.031		5.1	
Di-n-butylphthalate	1.135	1.221		7.6	
Fluoranthene	1.370	1.482		8.2	20.0
Pyrene	1.307	1.325		1.4	
Terphenyl-d14	1.060	1.116		5.3	
Butylbenzylphthalate	0.395	0.457		15.7	
3,3-Dichlorobenzidine	0.443	0.488		10.2	
Benzo(a)anthracene	1.326	1.414		6.6	
Chrysene	1.262	1.320		4.6	
Bis(2-ethylhexyl)phthalate	0.590	0.658		11.5	
Di-n-octyl phthalate	0.995	1.119		12.5	20.0
Benzo(b)fluoranthene	1.226	1.306		6.5	
Benzo(k)fluoranthene	1.227	1.268		3.3	
Benzo(a)pyrene	1.127	1.180		4.7	20.0
Indeno(1,2,3-cd)pyrene	1.471	1.544		5.0	
Dibenzo(a,h)anthracene	1.195	1.258		5.3	
Benzo(g,h,i)perylene	1.142	1.186		3.9	
1,2,4,5-Tetrachlorobenzene	0.671	0.718		7.0	
1,4-Dioxane	0.528	0.465		-11.9	20.0
2,3,4,6-Tetrachlorophenol	0.424	0.498		17.5	

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.192	1.219		2.3	50.0
Benzaldehyde	0.893	0.893		0.0	50.0
Phenol-d6	1.635	1.692		3.5	50.0
Phenol	1.808	1.851		2.4	50.0
bis(2-Chloroethyl)ether	1.329	1.297		-2.4	50.0
2-Chlorophenol	1.247	1.371		9.9	50.0
2-Methylphenol	1.201	1.233		2.7	50.0
2,2-oxybis(1-Chloropropane)	3.487	3.201		-8.2	50.0
Acetophenone	0.547	0.547		0.0	50.0
3+4-Methylphenols	1.688	1.731		2.5	50.0
n-Nitroso-di-n-propylamine	1.130	1.089	0.050	-3.6	50.0
Nitrobenzene-d5	0.333	0.413		24.0	50.0
Hexachloroethane	0.512	0.554		8.2	50.0
Nitrobenzene	0.362	0.425		17.4	50.0
Isophorone	0.799	0.784		-1.9	50.0
2-Nitrophenol	0.121	0.193		59.5	50.0
2,4-Dimethylphenol	0.297	0.313		5.4	50.0
bis(2-Chloroethoxy)methane	0.455	0.448		-1.5	50.0
2,4-Dichlorophenol	0.320	0.380		18.8	50.0
Naphthalene	1.109	1.162		4.8	50.0
4-Chloroaniline	0.431	0.443		2.8	50.0
Hexachlorobutadiene	0.284	0.337		18.7	50.0
Caprolactam	0.123	0.110		-10.6	50.0
4-Chloro-3-methylphenol	0.384	0.430		12.0	50.0
2-Methylnaphthalene	0.814	0.877		7.7	50.0
Hexachlorocyclopentadiene	0.302	0.384	0.050	27.2	50.0
2,4,6-Trichlorophenol	0.384	0.469		22.1	50.0
2-Fluorobiphenyl	1.319	1.442		9.3	50.0
2,4,5-Trichlorophenol	0.443	0.507		14.4	50.0
1,1-Biphenyl	1.422	1.491		4.9	50.0
2-Chloronaphthalene	1.073	1.143		6.5	50.0
2-Nitroaniline	0.311	0.410		31.8	50.0
Dimethylphthalate	1.530	1.618		5.8	50.0
Acenaphthylene	1.693	1.806		6.7	50.0
2,6-Dinitrotoluene	0.218	0.317		45.4	50.0
3-Nitroaniline	0.263	0.343		30.4	50.0
Acenaphthene	1.157	1.250		8.0	50.0
2,4-Dinitrophenol	0.132	0.140	0.050	6.1	50.0
4-Nitrophenol	0.244	0.219	0.050	-10.2	50.0

Form VII SV-1

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.870	1.992		6.5	50.0
2,4-Dinitrotoluene	0.340	0.486		42.9	50.0
Diethylphthalate	1.563	1.606		2.8	50.0
4-Chlorophenyl-phenylether	0.820	0.941		14.8	50.0
Fluorene	1.460	1.562		7.0	50.0
4-Nitroaniline	0.293	0.360		22.9	50.0
4,6-Dinitro-2-methylphenol	0.079	0.115		45.6	50.0
n-Nitrosodiphenylamine	0.540	0.558		3.3	50.0
2,4,6-Tribromophenol	0.289	0.386		33.6	50.0
4-Bromophenyl-phenylether	0.237	0.269		13.5	50.0
Hexachlorobenzene	0.270	0.310		14.8	50.0
Atrazine	0.232	0.240		3.4	50.0
Pentachlorophenol	0.169	0.085		-49.7	50.0
Phenanthrene	1.094	1.127		3.0	50.0
Anthracene	1.113	1.150		3.3	50.0
Carbazole	0.981	0.988		0.7	50.0
Di-n-butylphthalate	1.135	1.155		1.8	50.0
Fluoranthene	1.370	1.467		7.1	50.0
Pyrene	1.307	1.267		-3.1	50.0
Terphenyl-d14	1.060	1.087		2.5	50.0
Butylbenzylphthalate	0.395	0.435		10.1	50.0
3,3-Dichlorobenzidine	0.443	0.479		8.1	50.0
Benzo(a)anthracene	1.326	1.382		4.2	50.0
Chrysene	1.262	1.316		4.3	50.0
Bis(2-ethylhexyl)phthalate	0.590	0.625		5.9	50.0
Di-n-octyl phthalate	0.995	1.082		8.7	50.0
Benzo(b)fluoranthene	1.226	1.263		3.0	50.0
Benzo(k)fluoranthene	1.227	1.262		2.9	50.0
Benzo(a)pyrene	1.127	1.168		3.6	50.0
Indeno(1,2,3-cd)pyrene	1.471	1.514		2.9	50.0
Dibenzo(a,h)anthracene	1.195	1.241		3.8	50.0
Benzo(g,h,i)perylene	1.142	1.175		2.9	50.0
1,2,4,5-Tetrachlorobenzene	0.671	0.779		16.1	50.0
1,4-Dioxane	0.528	0.425		-19.5	50.0
2,3,4,6-Tetrachlorophenol	0.424	0.476		12.3	50.0

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Alliance TECHNICAL GROUP
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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			SVOC-TCL BNA -20	8270E		10/22/25	11/03/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP BNA	8270E		10/22/25	11/03/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :									
				0.000					
			Total Svoc :		**0.00**				
			Total Concentration:		**0.00**				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PB170172TB	SDG No.:	Q3399
Lab Sample ID:	PB170172TB	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	SW3510C Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	40.0	U	1	12.8	40.0	50.0	ug/L	11/03/25 18:00	PB170216
106-46-7	1,4-Dichlorobenzene	40.0	U	1	5.30	40.0	50.0	ug/L	11/03/25 18:00	PB170216
95-48-7	2-Methylphenol	40.0	U	1	11.2	40.0	50.0	ug/L	11/03/25 18:00	PB170216
65794-96-9	3+4-Methylphenols	80.0	U	1	11.0	80.0	100	ug/L	11/03/25 18:00	PB170216
67-72-1	Hexachloroethane	40.0	U	1	6.50	40.0	50.0	ug/L	11/03/25 18:00	PB170216
98-95-3	Nitrobenzene	40.0	U	1	7.60	40.0	50.0	ug/L	11/03/25 18:00	PB170216
87-68-3	Hexachlorobutadiene	40.0	U	1	5.40	40.0	50.0	ug/L	11/03/25 18:00	PB170216
88-06-2	2,4,6-Trichlorophenol	40.0	U	1	5.10	40.0	50.0	ug/L	11/03/25 18:00	PB170216
95-95-4	2,4,5-Trichlorophenol	40.0	U	1	6.20	40.0	50.0	ug/L	11/03/25 18:00	PB170216
121-14-2	2,4-Dinitrotoluene	40.0	U	1	12.2	40.0	50.0	ug/L	11/03/25 18:00	PB170216
118-74-1	Hexachlorobenzene	40.0	U	1	5.20	40.0	50.0	ug/L	11/03/25 18:00	PB170216
87-86-5	Pentachlorophenol	80.0	U	1	15.8	80.0	100	ug/L	11/03/25 18:00	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	111			19 - 119		74%	SPK: 150		
13127-88-3	Phenol-d6	104			10 - 130		69%	SPK: 150		
4165-60-0	Nitrobenzene-d5	89.1			44 - 120		89%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.7			44 - 119		83%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	141			43 - 140		94%	SPK: 150		
1718-51-0	Terphenyl-d14	81.4			50 - 134		81%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	38400								
1146-65-2	Naphthalene-d8	144000								
15067-26-2	Acenaphthene-d10	111000								
1517-22-2	Phenanthrene-d10	283000								
1719-03-5	Chrysene-d12	351000								
1520-96-3	Perylene-d12	375000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	SW3510C Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	40.0	U	1	12.8	40.0	50.0	ug/L	11/03/25 18:41	PB170216
106-46-7	1,4-Dichlorobenzene	40.0	U	1	5.30	40.0	50.0	ug/L	11/03/25 18:41	PB170216
95-48-7	2-Methylphenol	40.0	U	1	11.2	40.0	50.0	ug/L	11/03/25 18:41	PB170216
65794-96-9	3+4-Methylphenols	80.0	U	1	11.0	80.0	100	ug/L	11/03/25 18:41	PB170216
67-72-1	Hexachloroethane	40.0	U	1	6.50	40.0	50.0	ug/L	11/03/25 18:41	PB170216
98-95-3	Nitrobenzene	40.0	U	1	7.60	40.0	50.0	ug/L	11/03/25 18:41	PB170216
87-68-3	Hexachlorobutadiene	40.0	U	1	5.40	40.0	50.0	ug/L	11/03/25 18:41	PB170216
88-06-2	2,4,6-Trichlorophenol	40.0	U	1	5.10	40.0	50.0	ug/L	11/03/25 18:41	PB170216
95-95-4	2,4,5-Trichlorophenol	40.0	U	1	6.20	40.0	50.0	ug/L	11/03/25 18:41	PB170216
121-14-2	2,4-Dinitrotoluene	40.0	U	1	12.2	40.0	50.0	ug/L	11/03/25 18:41	PB170216
118-74-1	Hexachlorobenzene	40.0	U	1	5.20	40.0	50.0	ug/L	11/03/25 18:41	PB170216
87-86-5	Pentachlorophenol	80.0	U	1	15.8	80.0	100	ug/L	11/03/25 18:41	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	113			19 - 119		76%	SPK: 150		
13127-88-3	Phenol-d6	93.3			10 - 130		62%	SPK: 150		
4165-60-0	Nitrobenzene-d5	101			44 - 120		101%	SPK: 100		
321-60-8	2-Fluorobiphenyl	87.1			44 - 119		87%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	143			43 - 140		95%	SPK: 150		
1718-51-0	Terphenyl-d14	89.2			50 - 134		89%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	28400								
1146-65-2	Naphthalene-d8	107000								
15067-26-2	Acenaphthene-d10	82500								
1517-22-2	Phenanthrene-d10	213000								
1719-03-5	Chrysene-d12	266000								
1520-96-3	Perylene-d12	285000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170172TB	PB170172TB	2-Fluorophenol	150	111	74		19	119
		Phenol-d6	150	104	69		10	130
		Nitrobenzene-d5	100	89.1	89		44	120
		2-Fluorobiphenyl	100	82.7	83		44	119
		2,4,6-Tribromophenol	150	141	94		43	140
		Terphenyl-d14	100	81.4	81		50	134
PB170216BL	PB170216BL	2-Fluorophenol	150	104	69		19	119
		Phenol-d6	150	95.4	64		10	130
		Nitrobenzene-d5	100	83.4	83		44	120
		2-Fluorobiphenyl	100	74.1	74		44	119
		2,4,6-Tribromophenol	150	126	84		43	140
		Terphenyl-d14	100	75.9	76		50	134
PB170216BS	PB170216BS	2-Fluorophenol	150	116	77		19	119
		Phenol-d6	150	122	81		10	130
		Nitrobenzene-d5	100	92.8	93		44	120
		2-Fluorobiphenyl	100	80.9	81		44	119
		2,4,6-Tribromophenol	150	150	100		43	140
		Terphenyl-d14	100	82.9	83		50	134
Q3368-06MS	OUTSIDE-DUMPSTERMS	2-Fluorophenol	150	134	90		19	119
		Phenol-d6	150	123	82		10	130
		Nitrobenzene-d5	100	112	112		44	120
		2-Fluorobiphenyl	100	96.2	96		44	119
		2,4,6-Tribromophenol	150	184	123		43	140
		Terphenyl-d14	100	71.0	71		50	134
Q3368-06MSD	OUTSIDE-DUMPSTERMSD	2-Fluorophenol	150	135	90		19	119
		Phenol-d6	150	123	82		10	130
		Nitrobenzene-d5	100	113	113		44	120
		2-Fluorobiphenyl	100	96.1	96		44	119
		2,4,6-Tribromophenol	150	178	119		43	140
		Terphenyl-d14	100	70.5	71		50	134
Q3399-02	COMP-ROLLOFF	2-Fluorophenol	150	113	76		19	119
		Phenol-d6	150	93.3	62		10	130
		Nitrobenzene-d5	100	101	101		44	120
		2-Fluorobiphenyl	100	87.1	87		44	119
		2,4,6-Tribromophenol	150	143	95		43	140
		Terphenyl-d14	100	89.2	89		50	134

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064680.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3368-06MS		**Client Sample ID: OUTSIDE-DUMPSTERMS**									
Pyridine	500	0	240	ug/L	48				10	153	
1,4-Dichlorobenzene	500	0	410	ug/L	82				29	112	
2-Methylphenol	500	0	470	ug/L	94				30	117	
3+4-Methylphenols	500	0	450	ug/L	90				29	110	
Hexachloroethane	500	0	420	ug/L	84				21	115	
Nitrobenzene	500	0	510	ug/L	102				45	121	
Hexachlorobutadiene	500	0	480	ug/L	96				22	124	
2,4,6-Trichlorophenol	500	0	620	ug/L	124				50	125	
2,4,5-Trichlorophenol	500	0	590	ug/L	118				53	123	
2,4-Dinitrotoluene	500	0	580	ug/L	116				57	128	
Hexachlorobenzene	500	0	540	ug/L	108				53	125	
Pentachlorophenol	1000	0	1200	ug/L	120				35	138	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** SW8270E

Client: ICE Service Group, Inc. **DataFile:** BG064681.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3368-06MSD		**Client Sample ID: OUTSIDE-DUMPSTERMSD**									
Pyridine	500	0	230	ug/L	46		4		10	153	20
1,4-Dichlorobenzene	500	0	420	ug/L	84		2		29	112	20
2-Methylphenol	500	0	470	ug/L	94		0		30	117	20
3+4-Methylphenols	500	0	460	ug/L	92		2		29	110	20
Hexachloroethane	500	0	420	ug/L	84		0		21	115	20
Nitrobenzene	500	0	520	ug/L	104		2		45	121	20
Hexachlorobutadiene	500	0	500	ug/L	100		4		22	124	20
2,4,6-Trichlorophenol	500	0	600	ug/L	120		3		50	125	20
2,4,5-Trichlorophenol	500	0	590	ug/L	118		0		53	123	20
2,4-Dinitrotoluene	500	0	570	ug/L	114		2		57	128	20
Hexachlorobenzene	500	0	520	ug/L	104		4		53	125	20
Pentachlorophenol	1000	0	1000	ug/L	100		18		35	138	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8270E

Client: ICE Service Group, Inc. **DataFile:** BG064676.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170216BS	Pyridine	50	26.0	ug/L	52				10	153	
	1,4-Dichlorobenzene	50	42.0	ug/L	84				29	112	
	2-Methylphenol	50	43.4	ug/L	87				30	117	
	3+4-Methylphenols	50	41.8	ug/L	84				29	110	
	Hexachloroethane	50	42.1	ug/L	84				21	115	
	Nitrobenzene	50	47.0	ug/L	94				45	121	
	Hexachlorobutadiene	50	43.6	ug/L	87				22	124	
	2,4,6-Trichlorophenol	50	51.2	ug/L	102				50	125	
	2,4,5-Trichlorophenol	50	48.9	ug/L	98				53	123	
	2,4-Dinitrotoluene	50	51.4	ug/L	103				57	128	
	Hexachlorobenzene	50	45.5	ug/L	91				53	125	
	Pentachlorophenol	100	100	ug/L	100				35	138	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB170216BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab File ID: BG064675.D | Lab Sample ID: PB170216BL

Instrument ID: BNA_G | Date Extracted: 10/22/2025

Matrix: (soil/water) water | Date Analyzed: 11/03/2025

Level: (low/med) LOW | Time Analyzed: 16:38

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170216BS	PB170216BS	BG064676.D	11/03/2025
COMP-ROLLOFF	Q3399-02	BG064678.D	11/03/2025
OUTSIDE-DUMPSTERMS	Q3368-06MS	BG064680.D	11/03/2025
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	BG064681.D	11/03/2025
PB170172TB	PB170172TB	BG064677.D	11/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064568.D DFTPP Injection Date: 10/24/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	92.7
443	15.0 - 24.0% of mass 442	17.5 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064569.D	10/24/2025	09:00
SSTDICC005	SSTDICC005	BG064570.D	10/24/2025	09:41
SSTDICC010	SSTDICC010	BG064571.D	10/24/2025	11:02
SSTDICC020	SSTDICC020	BG064572.D	10/24/2025	12:23
SSTDICCC040	SSTDICCC040	BG064573.D	10/24/2025	13:03
SSTDICC060	SSTDICC060	BG064574.D	10/24/2025	13:44
SSTDICC080	SSTDICC080	BG064575.D	10/24/2025	14:24
SSTDICC050	SSTDICC050	BG064576.D	10/24/2025	15:32

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: BG064671.D DFTPP Injection Date: 11/03/2025

Instrument ID: BNA_G DFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	6.3
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	20.3 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG064672.D	11/03/2025	14:35
PB170216BL	PB170216BL	BG064675.D	11/03/2025	16:38
PB170216BS	PB170216BS	BG064676.D	11/03/2025	17:19
PB170172TB	PB170172TB	BG064677.D	11/03/2025	18:00
COMP-ROLLOFF	Q3399-02	BG064678.D	11/03/2025	18:41
OUTSIDE-DUMPSTERMS	Q3368-06MS	BG064680.D	11/03/2025	20:02
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	BG064681.D	11/03/2025	20:43
SSTDCCC040EC	SSTDCCC040	BG064685.D	11/03/2025	23:27

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID : SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	31906	8.207	126610	11.04	99069	14.83
	UPPER LIMIT	63812	8.707	253220	11.539	198138	15.334
	LOWER LIMIT	15953	7.707	63305	10.539	49534.5	14.334
	EPA SAMPLE NO.						
01	PB170216BL	35344	8.21	128956	11.03	100482	14.83
02	PB170216BS	36665	8.21	145545	11.03	116501	14.84
03	PB170172TB	38354	8.21	143910	11.04	111139	14.83
04	OUTSIDE-DUMPSTERMS	30368	8.21	117215	11.03	90360	14.83
05	OUTSIDE-DUMPSTERMSD	29562	8.21	113027	11.03	89136	14.83
06	COMP-ROLLOFF	28350	8.21	106669	11.03	82537	14.83

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3399

Client ID: SSTDCCC040 Date Analyzed: 11/03/2025

Lab File ID: BG064672.D Time Analyzed: 14:35

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	239125	17.572	279624	21.85	296512	25.187
	UPPER LIMIT	478250	18.072	559248	22.35	593024	25.687
	LOWER LIMIT	119563	17.072	139812	21.35	148256	24.687
	EPA SAMPLE NO.						
01	PB170216BL	255711	17.57	322524	21.84	339110	25.18
02	PB170216BS	291857	17.57	341711	21.85	361251	25.18
03	PB170172TB	282768	17.57	350601	21.84	374940	25.18
04	OUTSIDE-DUMPSTERMS	222095	17.57	260459	21.84	283712	25.18
05	OUTSIDE-DUMPSTERMSD	214377	17.57	255846	21.85	276510	25.18
06	COMP-ROLLOFF	212744	17.57	266419	21.84	284835	25.18

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170216BL	SDG No.:	Q3399
Lab Sample ID:	PB170216BL	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	4.00	U	1	1.30	4.00	5.00	ug/L	11/03/25 16:38	PB170216
106-46-7	1,4-Dichlorobenzene	4.00	U	1	0.53	4.00	5.00	ug/L	11/03/25 16:38	PB170216
95-48-7	2-Methylphenol	4.00	U	1	1.10	4.00	5.00	ug/L	11/03/25 16:38	PB170216
65794-96-9	3+4-Methylphenols	8.00	U	1	1.10	8.00	10.0	ug/L	11/03/25 16:38	PB170216
67-72-1	Hexachloroethane	4.00	U	1	0.65	4.00	5.00	ug/L	11/03/25 16:38	PB170216
98-95-3	Nitrobenzene	4.00	U	1	0.76	4.00	5.00	ug/L	11/03/25 16:38	PB170216
87-68-3	Hexachlorobutadiene	4.00	U	1	0.54	4.00	5.00	ug/L	11/03/25 16:38	PB170216
88-06-2	2,4,6-Trichlorophenol	4.00	U	1	0.51	4.00	5.00	ug/L	11/03/25 16:38	PB170216
95-95-4	2,4,5-Trichlorophenol	4.00	U	1	0.62	4.00	5.00	ug/L	11/03/25 16:38	PB170216
121-14-2	2,4-Dinitrotoluene	4.00	U	1	1.20	4.00	5.00	ug/L	11/03/25 16:38	PB170216
118-74-1	Hexachlorobenzene	4.00	U	1	0.52	4.00	5.00	ug/L	11/03/25 16:38	PB170216
87-86-5	Pentachlorophenol	8.00	U	1	1.60	8.00	10.0	ug/L	11/03/25 16:38	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	104			19 - 119		69%	SPK: 150		
13127-88-3	Phenol-d6	95.4			10 - 130		64%	SPK: 150		
4165-60-0	Nitrobenzene-d5	83.4			44 - 120		83%	SPK: 100		
321-60-8	2-Fluorobiphenyl	74.1			44 - 119		74%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			43 - 140		84%	SPK: 150		
1718-51-0	Terphenyl-d14	75.9			50 - 134		76%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	35300								
1146-65-2	Naphthalene-d8	129000								
15067-26-2	Acenaphthene-d10	100000								
1517-22-2	Phenanthrene-d10	256000								
1719-03-5	Chrysene-d12	323000								
1520-96-3	Perylene-d12	339000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170216BS	SDG No.:	Q3399
Lab Sample ID:	PB170216BS	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	26.0		1	1.30	4.00	5.00	ug/L	11/03/25 17:19	PB170216
106-46-7	1,4-Dichlorobenzene	42.0		1	0.53	4.00	5.00	ug/L	11/03/25 17:19	PB170216
95-48-7	2-Methylphenol	43.4		1	1.10	4.00	5.00	ug/L	11/03/25 17:19	PB170216
65794-96-9	3+4-Methylphenols	41.8		1	1.10	8.00	10.0	ug/L	11/03/25 17:19	PB170216
67-72-1	Hexachloroethane	42.1		1	0.65	4.00	5.00	ug/L	11/03/25 17:19	PB170216
98-95-3	Nitrobenzene	47.0		1	0.76	4.00	5.00	ug/L	11/03/25 17:19	PB170216
87-68-3	Hexachlorobutadiene	43.6		1	0.54	4.00	5.00	ug/L	11/03/25 17:19	PB170216
88-06-2	2,4,6-Trichlorophenol	51.2		1	0.51	4.00	5.00	ug/L	11/03/25 17:19	PB170216
95-95-4	2,4,5-Trichlorophenol	48.9		1	0.62	4.00	5.00	ug/L	11/03/25 17:19	PB170216
121-14-2	2,4-Dinitrotoluene	51.4		1	1.20	4.00	5.00	ug/L	11/03/25 17:19	PB170216
118-74-1	Hexachlorobenzene	45.5		1	0.52	4.00	5.00	ug/L	11/03/25 17:19	PB170216
87-86-5	Pentachlorophenol	100	E	1	1.60	8.00	10.0	ug/L	11/03/25 17:19	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	116			19 - 119		77%	SPK: 150		
13127-88-3	Phenol-d6	122			10 - 130		81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.8			44 - 120		93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	80.9			44 - 119		81%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	150			43 - 140		100%	SPK: 150		
1718-51-0	Terphenyl-d14	82.9			50 - 134		83%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	36700								
1146-65-2	Naphthalene-d8	146000								
15067-26-2	Acenaphthene-d10	117000								
1517-22-2	Phenanthrene-d10	292000								
1719-03-5	Chrysene-d12	342000								
1520-96-3	Perylene-d12	361000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/16/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTERMS	SDG No.:	Q3399
Lab Sample ID:	Q3368-06MS	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	240		1	12.8	40.0	50.0	ug/L	11/03/25 20:02	PB170216
106-46-7	1,4-Dichlorobenzene	410		1	5.30	40.0	50.0	ug/L	11/03/25 20:02	PB170216
95-48-7	2-Methylphenol	470		1	11.2	40.0	50.0	ug/L	11/03/25 20:02	PB170216
65794-96-9	3+4-Methylphenols	450		1	11.0	80.0	100	ug/L	11/03/25 20:02	PB170216
67-72-1	Hexachloroethane	420		1	6.50	40.0	50.0	ug/L	11/03/25 20:02	PB170216
98-95-3	Nitrobenzene	510		1	7.60	40.0	50.0	ug/L	11/03/25 20:02	PB170216
87-68-3	Hexachlorobutadiene	480		1	5.40	40.0	50.0	ug/L	11/03/25 20:02	PB170216
88-06-2	2,4,6-Trichlorophenol	620		1	5.10	40.0	50.0	ug/L	11/03/25 20:02	PB170216
95-95-4	2,4,5-Trichlorophenol	590		1	6.20	40.0	50.0	ug/L	11/03/25 20:02	PB170216
121-14-2	2,4-Dinitrotoluene	580		1	12.2	40.0	50.0	ug/L	11/03/25 20:02	PB170216
118-74-1	Hexachlorobenzene	540		1	5.20	40.0	50.0	ug/L	11/03/25 20:02	PB170216
87-86-5	Pentachlorophenol	1200	E	1	15.8	80.0	100	ug/L	11/03/25 20:02	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	134			19 - 119		90%	SPK: 150		
13127-88-3	Phenol-d6	123			10 - 130		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	112			44 - 120		112%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.2			44 - 119		96%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	184			43 - 140		123%	SPK: 150		
1718-51-0	Terphenyl-d14	71.0			50 - 134		71%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	30400								
1146-65-2	Naphthalene-d8	117000								
15067-26-2	Acenaphthene-d10	90400								
1517-22-2	Phenanthrene-d10	222000								
1719-03-5	Chrysene-d12	260000								
1520-96-3	Perylene-d12	284000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/16/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTERMSD	SDG No.:	Q3399
Lab Sample ID:	Q3368-06MSD	Matrix:	TCLP
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS										
110-86-1	Pyridine	230		1	12.8	40.0	50.0	ug/L	11/03/25 20:43	PB170216
106-46-7	1,4-Dichlorobenzene	420		1	5.30	40.0	50.0	ug/L	11/03/25 20:43	PB170216
95-48-7	2-Methylphenol	470		1	11.2	40.0	50.0	ug/L	11/03/25 20:43	PB170216
65794-96-9	3+4-Methylphenols	460		1	11.0	80.0	100	ug/L	11/03/25 20:43	PB170216
67-72-1	Hexachloroethane	420		1	6.50	40.0	50.0	ug/L	11/03/25 20:43	PB170216
98-95-3	Nitrobenzene	520		1	7.60	40.0	50.0	ug/L	11/03/25 20:43	PB170216
87-68-3	Hexachlorobutadiene	500		1	5.40	40.0	50.0	ug/L	11/03/25 20:43	PB170216
88-06-2	2,4,6-Trichlorophenol	600		1	5.10	40.0	50.0	ug/L	11/03/25 20:43	PB170216
95-95-4	2,4,5-Trichlorophenol	590		1	6.20	40.0	50.0	ug/L	11/03/25 20:43	PB170216
121-14-2	2,4-Dinitrotoluene	570		1	12.2	40.0	50.0	ug/L	11/03/25 20:43	PB170216
118-74-1	Hexachlorobenzene	520		1	5.20	40.0	50.0	ug/L	11/03/25 20:43	PB170216
87-86-5	Pentachlorophenol	1000	E	1	15.8	80.0	100	ug/L	11/03/25 20:43	PB170216
SURROGATES										
367-12-4	2-Fluorophenol	135			19 - 119		90%	SPK: 150		
13127-88-3	Phenol-d6	123			10 - 130		82%	SPK: 150		
4165-60-0	Nitrobenzene-d5	113			44 - 120		113%	SPK: 100		
321-60-8	2-Fluorobiphenyl	96.1			44 - 119		96%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	178			43 - 140		119%	SPK: 150		
1718-51-0	Terphenyl-d14	70.5			50 - 134		71%	SPK: 100		
INTERNAL STANDARDS		**Area Count**								
3855-82-1	1,4-Dichlorobenzene-d4	29600								
1146-65-2	Naphthalene-d8	113000								
15067-26-2	Acenaphthene-d10	89100								
1517-22-2	Phenanthrene-d10	214000								
1719-03-5	Chrysene-d12	256000								
1520-96-3	Perylene-d12	277000								

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 16:40:26 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064569.D 5 =BG064570.D 10 =BG064571.D 20 =BG064572.D 40 =BG064573.D 50 =BG064576.D 60 =BG064574.D 80 =BG0645
75.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.570	0.581	0.524	0.525	0.474	0.559	0.460	0.528	8.85
3)		Pyridine		1.630	1.608	1.552	1.669	1.471	1.733	1.427	1.584	6.84
4)		n-Nitrosodimet...			0.912	0.807	0.900	0.780	0.921	0.776	0.850	8.08
5)	S	2-Fluorophenol		1.098	1.207	1.155	1.292	1.139	1.318	1.132	1.192	7.09
6)		Aniline		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
7)	S	Phenol-d6		1.469	1.654	1.566	1.771	1.597	1.864	1.524	1.635	8.55
8)		2-Chlorophenol		1.051	1.207	1.197	1.373	1.225	1.461	1.216	1.247	10.65
9)		Benzaldehyde			0.942	0.994	0.940	0.836	0.981	0.662	0.893	14.09
10)	C	Phenol		1.665	1.820	1.748	1.944	1.761	2.027	1.693	1.808	7.36
11)		bis(2-Chloroet...		2.203	2.320	2.131	2.386	2.090	2.440	2.004	2.225	7.28
12)		1,3-Dichlorobe...		1.435	1.516	1.394	1.520	1.342	1.542	1.299	1.435	6.62
13)	C	1,4-Dichlorobe...		1.431	1.546	1.442	1.534	1.381	1.561	1.323	1.460	6.21
14)		1,2-Dichlorobe...		1.371	1.518	1.364	1.483	1.316	1.520	1.283	1.408	6.97
15)		Benzyl Alcohol			1.281	1.263	1.425	1.306	1.533	1.283	1.348	7.97
16)		2,2'-oxybis(1-...		3.421	3.604	3.396	3.733	3.301	3.802	3.154	3.487	6.74
17)		2-Methylphenol		0.548	0.670	0.646	0.745	0.677	0.793	0.638	0.674	11.71
18)		Hexachloroethane		0.468	0.535	0.505	0.541	0.496	0.557	0.483	0.512	6.41
19)	P	n-Nitroso-di-n...	1.044	1.038	1.141	1.129	1.227	1.115	1.289	1.057	1.130	7.93
20)		3+4-Methylphenols			1.652	1.581	1.818	1.612	1.895	1.571	1.688	8.04
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.535	0.565	0.528	0.584	0.516	0.590	0.509	0.547	6.04
23)	S	Nitrobenzene-d5		0.239	0.286	0.314	0.377	0.356	0.403	0.356	0.333	17.02
24)		Nitrobenzene		0.274	0.312	0.344	0.410	0.377	0.438	0.380	0.362	15.64
25)		Isophorone		0.751	0.796	0.771	0.869	0.764	0.891	0.751	0.799	7.25
26)	C	2-Nitrophenol		0.076	0.095	0.110	0.137	0.135	0.152	0.144	0.121	23.20
27)		2,4-Dimethylph...		0.236	0.294	0.285	0.335	0.309	0.359	0.303	0.303	12.88
28)		bis(2-Chloroet...		0.452	0.464	0.443	0.490	0.426	0.493	0.417	0.455	6.48
29)	C	2,4-Dichloroph...		0.243	0.299	0.315	0.360	0.327	0.373	0.322	0.320	13.34
30)		1,2,4-Trichlor...		0.338	0.369	0.348	0.391	0.349	0.399	0.349	0.363	6.44
31)		Naphthalene		1.083	1.144	1.084	1.177	1.036	1.201	1.037	1.109	5.96
32)		Benzoic acid			0.100	0.143	0.204	0.215	0.245	0.229	0.189	29.61
33)		4-Chloroaniline		0.390	0.456	0.411	0.459	0.410	0.486	0.405	0.431	8.29
34)	C	Hexachlorobuta...		0.266	0.291	0.282	0.299	0.271	0.306	0.273	0.284	5.33
35)		Caprolactam			0.112	0.114	0.134	0.118	0.142	0.116	0.123	9.85
36)	C	4-Chloro-3-met...		0.323	0.381	0.361	0.426	0.376	0.454	0.370	0.384	11.18
37)		2-Methylnaphth...		0.764	0.858	0.797	0.865	0.772	0.888	0.755	0.814	6.74
38)		1-Methylnaphth...		0.764	0.849	0.776	0.853	0.752	0.878	0.735	0.801	7.18

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.657	0.684	0.648	0.702	0.633	0.717	0.657	0.671	4.55
41)	P	Hexachlorocycl...		0.268	0.279	0.324	0.297	0.340	0.305	0.302	8.97
42)	S	2,4,6-Tribromo...	0.221	0.266	0.272	0.318	0.292	0.346	0.306	0.289	14.04
43)	C	2,4,6-Trichlor...	0.294	0.333	0.375	0.423	0.399	0.456	0.408	0.384	14.41
44)		2,4,5-Trichlor...	0.339	0.425	0.439	0.484	0.443	0.517	0.454	0.443	12.48
45)	S	2-Fluorobiphenyl	1.310	1.389	1.306	1.384	1.235	1.384	1.228	1.319	5.24
46)		1,1'-Biphenyl	1.456	1.450	1.401	1.489	1.326	1.498	1.333	1.422	4.98
47)		2-Chloronaphth...	1.065	1.082	1.053	1.132	1.013	1.145	1.023	1.073	4.71
48)		2-Nitroaniline	0.201	0.234	0.277	0.348	0.343	0.404	0.367	0.311	24.06
49)		Acenaphthylene	1.667	1.726	1.647	1.786	1.593	1.827	1.604	1.693	5.30
50)		Dimethylphthalate	1.389	1.570	1.488	1.641	1.462	1.699	1.462	1.530	7.21
51)		2,6-Dinitrotol...	0.127	0.180	0.193	0.247	0.244	0.283	0.254	0.218	24.69
52)	C	Acenaphthene	1.126	1.178	1.115	1.223	1.093	1.261	1.101	1.157	5.63
53)		3-Nitroaniline	0.180	0.211	0.252	0.294	0.281	0.325	0.297	0.263	19.70
54)	P	2,4-Dinitrophenol		0.086	0.110	0.137	0.139	0.165	0.154	0.132	22.11
55)		Dibenzofuran	1.881	1.972	1.826	1.963	1.734	1.988	1.725	1.870	5.96
56)	P	4-Nitrophenol		0.191	0.213	0.261	0.250	0.283	0.267	0.244	14.40
57)		2,4-Dinitrotol...	0.223	0.269	0.300	0.385	0.373	0.434	0.396	0.340	22.67
58)		Fluorene	1.471	1.559	1.426	1.531	1.356	1.549	1.329	1.460	6.38
59)		2,3,4,6-Tetrac...	0.312	0.385	0.402	0.466	0.444	0.508	0.449	0.424	15.04
60)		Diethylphthalate	1.417	1.645	1.514	1.657	1.486	1.718	1.502	1.563	7.06
61)		4-Chlorophenyl...	0.800	0.864	0.792	0.866	0.763	0.888	0.763	0.820	6.38
62)		4-Nitroaniline	0.194	0.252	0.286	0.327	0.310	0.355	0.324	0.293	18.55
63)		Azobenzene	1.362	1.504	1.377	1.538	1.338	1.564	1.353	1.434	6.80
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.055	0.064	0.083	0.083	0.097	0.093	0.079	21.00
66)	c	n-Nitrosodiphe...	0.510	0.551	0.525	0.583	0.518	0.594	0.500	0.540	6.79
67)		4-Bromophenyl-...	0.218	0.236	0.230	0.258	0.229	0.264	0.224	0.237	7.28
68)		Hexachlorobenzene	0.254	0.266	0.262	0.292	0.260	0.302	0.256	0.270	6.99
69)		Atrazine	0.215	0.227	0.249	0.245	0.219	0.261	0.211	0.232	8.27
70)	C	Pentachlorophenol		0.132	0.152	0.180	0.172	0.199	0.177	0.169	13.91
71)		Phenanthrene	1.084	1.133	1.073	1.162	1.020	1.179	1.005	1.094	6.17
72)		Anthracene	1.087	1.144	1.101	1.187	1.041	1.204	1.025	1.113	6.17
73)		Carbazole	0.982	1.037	0.982	1.031	0.910	1.028	0.897	0.981	5.90
74)		Di-n-butylphth...	1.011	1.156	1.179	1.240	1.084	1.198	1.075	1.134	7.11
75)	C	Fluoranthene	1.385	1.463	1.380	1.440	1.273	1.403	1.247	1.370	5.91
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.392	0.475	0.490	0.416	0.533	0.383	0.448	13.40
78)		Pyrene	1.287	1.331	1.284	1.411	1.233	1.406	1.196	1.307	6.24
79)	S	Terphenyl-d14	1.074	1.120	1.066	1.142	0.987	1.102	0.928	1.060	7.21
80)		Butylbenzylpht...	0.284	0.359	0.388	0.450	0.408	0.467	0.410	0.395	15.43
81)		Benzo(a)anthra...	1.294	1.355	1.292	1.416	1.253	1.430	1.243	1.326	5.71
82)		3,3'-Dichlorob...		0.418	0.428	0.477	0.424	0.486	0.424	0.443	6.88
83)		Chrysene	1.249	1.291	1.229	1.344	1.188	1.359	1.173	1.262	5.76
84)		Bis(2-ethylhex...	0.484	0.555	0.581	0.671	0.585	0.667	0.588	0.590	10.95
85)	c	Di-n-octyl pht...		0.871	0.932	1.087	0.976	1.117	0.986	0.995	9.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG102425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80
88)		Benzo(b)fluora...	1.138	1.246	1.169	1.322	1.173	1.353	1.183	1.226	6.77
89)		Benzo(k)fluora...	1.175	1.260	1.206	1.285	1.151	1.364	1.149	1.227	6.51
90)	C	Benzo(a)pyrene	1.061	1.144	1.093	1.202	1.067	1.246	1.079	1.127	6.42
91)		Dibenzo(a,h)an...	1.120	1.223	1.158	1.268	1.130	1.324	1.143	1.195	6.55
92)		Benzo(g,h,i)pe...	1.383	1.491	1.410	1.568	1.396	1.642	1.410	1.471	6.80

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 14:35

Lab File ID: BG064672.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.584	1.357		-14.3	
2-Fluorophenol	1.192	1.179		-1.1	
Phenol-d6	1.635	1.619		-1.0	
1,4-Dichlorobenzene	1.460	1.508		3.3	20.0
2-Methylphenol	1.201	1.202		0.1	
3+4-Methylphenols	1.688	1.601		-5.2	
Nitrobenzene-d5	0.333	0.403		21.0	
Hexachloroethane	0.512	0.537		4.9	
Nitrobenzene	0.362	0.421		16.3	
Hexachlorobutadiene	0.284	0.314		10.6	20.0
2,4,6-Trichlorophenol	0.384	0.447		16.4	20.0
2-Fluorobiphenyl	1.319	1.400		6.1	
2,4,5-Trichlorophenol	0.443	0.492		11.1	
2,4-Dinitrotoluene	0.340	0.451		32.6	
2,4,6-Tribromophenol	0.289	0.342		18.3	
Hexachlorobenzene	0.270	0.299		10.7	
Pentachlorophenol	0.169	0.195		15.4	20.0
Terphenyl-d14	1.060	1.116		5.3	

All other compounds must meet a minimum RRF of 0.010.

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG No.: Q3399

Instrument ID: BNA_G Calibration Date/Time: 11/03/2025 23:27

Lab File ID: BG064685.D Init. Calib. Date(s): 10/24/2025 10/24/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 09:00 15:32

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.584	1.298		-18.1	50.0
2-Fluorophenol	1.192	1.219		2.3	50.0
Phenol-d6	1.635	1.692		3.5	50.0
1,4-Dichlorobenzene	1.460	1.515		3.8	50.0
2-Methylphenol	1.201	1.233		2.7	50.0
3+4-Methylphenols	1.688	1.731		2.5	50.0
Nitrobenzene-d5	0.333	0.413		24.0	50.0
Hexachloroethane	0.512	0.554		8.2	50.0
Nitrobenzene	0.362	0.425		17.4	50.0
Hexachlorobutadiene	0.284	0.337		18.7	50.0
2,4,6-Trichlorophenol	0.384	0.469		22.1	50.0
2-Fluorobiphenyl	1.319	1.442		9.3	50.0
2,4,5-Trichlorophenol	0.443	0.507		14.4	50.0
2,4-Dinitrotoluene	0.340	0.486		42.9	50.0
2,4,6-Tribromophenol	0.289	0.386		33.6	50.0
Hexachlorobenzene	0.270	0.310		14.8	50.0
Pentachlorophenol	0.169	0.085		-49.7	50.0
Terphenyl-d14	1.060	1.087		2.5	50.0

All other compounds must meet a minimum RRF of 0.010.

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.9
Sample Wt/Vol:	5.05 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	10.0	U	1	9.00	10.0	50.0	ug/kg	10/21/25 11:41	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	18.5			50 - 150		92%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance Client: ICE Service Group, Inc.

Lab Code: ACE SDG No.: Q3399

CLIENT ID	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF1021S1	102				0
BSF1021S1	109				0
COMP-ROLLOFF	92				0
BSF1021S2	105				0

QC LIMITS

AAA-TFT

For Water : 50-150
For Soil : 50-150

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATI

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : BSF1021S1 **Datafile:** FB032263.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	186	103	50-150

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATI

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : BSF1021S2 **Datafile:** FB032265.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
GRO	180	0	189	105	50-150

LCS/LCSD % Recovery RPD : 1.6

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METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1021S1

Lab Name: Alliance Contract: ICES02

Lab Code: ACE SDG NO.: Q3399

Lab File ID: FB032261.D Lab Sample ID: VBF1021S1

Date Analyzed: 10/21/25 Time Analyzed: 10:05

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: fb

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF1021S1	BSF1021S1	FB032263.D	10/21/25
COMP-ROLLOFF	Q3399-01	FB032264.D	10/21/25
BSF1021S2	BSF1021S2	FB032265.D	10/21/25

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	VBF1021S1	SDG No.:	Q3399
Lab Sample ID:	VBF1021S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	9.00	U	1	8.00	9.00	45.0	ug/kg	10/21/25 10:05	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.4			50 - 150		102%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	BSF1021S1	SDG No.:	Q3399
Lab Sample ID:	BSF1021S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	186		1	8.00	9.00	45.0	ug/kg	10/21/25 11:00	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	21.9			50 - 150		109%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	BSF1021S2	SDG No.:	Q3399
Lab Sample ID:	BSF1021S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 g Final Vol: 5 mL	Test:	Gasoline Range Organics

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
GRO	GRO	189		1	8.00	9.00	45.0	ug/kg	10/21/25 12:32	FB102125
SURROGATES										
98-08-8	Alpha,Alpha,Alpha-Trifluor	20.9			50 - 150		105%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpage, NY

Lab Code: ACE SDG No.: Q3399

Calibration Sequence : FB092225		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
45	1341516	29811	FB032214.D
90	2850195	31669	FB032215.D
180	5675270	31529	FB032216.D
450	14166602	31481	FB032217.D
900	28726009	31918	FB032218.D
AVG RF : 31282	**% RSD : 2.683**		**AVG RT : 8.7958**

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FB032260.D Analyst Name: YP/AJ Analyst Date: 10-21-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5807221	32262	31282	3.133

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FB032266.D Analyst Name: YP/AJ Analyst Date: 10-21-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5857772	32543	31282	4.031

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **Instrument ID:** FID_B

GC Column: RTX-502.2 **ID:** 0.53 **(mm)**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION **8.7958**

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	21 Oct 2025 9:17	FB032260.D	8.790	
VBF1021S1	VBF1021S1	21 Oct 2025 10:05	FB032261.D	8.794	
BSF1021S1	BSF1021S1	21 Oct 2025 11:00	FB032263.D	8.797	
COMP-ROLLOFF	Q3399-01	21 Oct 2025 11:41	FB032264.D	8.798	
BSF1021S2	BSF1021S2	21 Oct 2025 12:32	FB032265.D	8.797	
20 PPB GRO STD	20 PPB GRO STD	21 Oct 2025 13:27	FB032266.D	8.798	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.6958	8.8958

Alliance TECHNICAL GROUP
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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : COMP-ROLLOFF									
Q3399-01	COMP-ROLLOFF	SOIL	Dieldrin	0.25	J	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	4,4-DDE	0.21	J	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	Endrin	0.38	JP	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	4,4-DDT	0.75	JP	0.16	0.37	1.90	ug/kg
Q3399-01	COMP-ROLLOFF	SOIL	alpha-Chlordane	0.37	J	0.13	0.37	1.90	ug/kg
			Total Concentration:	**1.960**					

SAMPLE DATA

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.37	U	1	0.14	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
319-85-7	beta-BHC	0.92	U	1	0.20	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
319-86-8	delta-BHC	0.92	U	1	0.43	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
58-89-9	gamma-BHC (Lindane)	0.37	U	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
76-44-8	Heptachlor	0.37	U	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
309-00-2	Aldrin	0.37	U	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
1024-57-3	Heptachlor epoxide	0.92	U	1	0.21	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
959-98-8	Endosulfan I	0.37	U	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
60-57-1	Dieldrin	0.25	J	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-55-9	4,4-DDE	0.21	J	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-20-8	Endrin	0.38	JP	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
33213-65-9	Endosulfan II	0.92	U	1	0.32	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
72-54-8	4,4-DDD	0.37	U	1	0.17	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
1031-07-8	Endosulfan Sulfate	0.37	U	1	0.14	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
50-29-3	4,4-DDT	0.75	JP	1	0.16	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
72-43-5	Methoxychlor	0.92	U	1	0.41	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
53494-70-5	Endrin ketone	0.92	U	1	0.21	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
7421-93-4	Endrin aldehyde	0.92	U	1	0.41	0.92	1.90	ug/kg	10/22/25 15:40	PB170205
5103-71-9	alpha-Chlordane	0.37	J	1	0.13	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
5103-74-2	gamma-Chlordane	0.37	U	1	0.17	0.37	1.90	ug/kg	10/22/25 15:40	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 15:40	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	16.0			55 - 130		80%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			42 - 129		97%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30	135
		Tetrachloro-m-xyl	1	20	19.4	97		44	124
		Decachlorobiphen	2	20	20.3	102		30	135
		Tetrachloro-m-xyl	2	20	20.0	100		44	124
I.BLK-PD090753.D	PIBLK-PD090753.D	Decachlorobiphen	1	20	22.1	111		30	135
		Tetrachloro-m-xyl	1	20	19.9	99		44	124
		Decachlorobiphen	2	20	25.1	126		30	135
		Tetrachloro-m-xyl	2	20	20.7	104		44	124
PB170205BL	PB170205BL	Decachlorobiphen	1	20	21.5	107		55	130
		Tetrachloro-m-xyl	1	20	19.9	99		42	129
		Decachlorobiphen	2	20	24.3	121		55	130
		Tetrachloro-m-xyl	2	20	20.4	102		42	129
PB170205BS	PB170205BS	Decachlorobiphen	1	20	21.6	108		55	130
		Tetrachloro-m-xyl	1	20	16.9	84		42	129
		Decachlorobiphen	2	20	24.5	123		55	130
		Tetrachloro-m-xyl	2	20	17.3	86		42	129
Q3399-01	COMP-ROLLOFF	Decachlorobiphen	1	20	14.8	74		55	130
		Tetrachloro-m-xyl	1	20	18.3	91		42	129
		Decachlorobiphen	2	20	16.0	80		55	130
		Tetrachloro-m-xyl	2	20	19.4	97		42	129
I.BLK-PD090763.D	PIBLK-PD090763.D	Decachlorobiphen	1	20	21.0	105		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	21.0	105		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
Q3399-01MS	COMP-ROLLOFFMS	Decachlorobiphen	1	20	14.1	70		55	130
		Tetrachloro-m-xyl	1	20	17.7	89		42	129
		Decachlorobiphen	2	20	15.3	77		55	130
		Tetrachloro-m-xyl	2	20	19.1	96		42	129
Q3399-01MSD	COMP-ROLLOFFMSD	Decachlorobiphen	1	20	14.3	72		55	130
		Tetrachloro-m-xyl	1	20	17.5	88		42	129
		Decachlorobiphen	2	20	15.7	79		55	130
		Tetrachloro-m-xyl	2	20	19.4	97		42	129
I.BLK-PD090772.D	PIBLK-PD090772.D	Decachlorobiphen	1	20	21.4	107		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	24.0	120		30	135
		Tetrachloro-m-xyl	2	20	20.5	103		44	124

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090768.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3399-01MS (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	alpha-BHC	18.48	0	18.2	ug/kg	98				45	137	
	beta-BHC	18.48	0	17.5	ug/kg	95				50	136	
	delta-BHC	18.48	0	18.1	ug/kg	98				47	139	
	gamma-BHC (Lindane)	18.48	0	17.7	ug/kg	96				49	135	
	Heptachlor	18.48	0	20.9	ug/kg	113				47	136	
	Aldrin	18.48	0	17.8	ug/kg	96				45	136	
	Heptachlor epoxide	18.48	0	18.1	ug/kg	98				52	136	
	Endosulfan I	18.48	0	17.7	ug/kg	96				53	132	
	Dieldrin	18.48	0	18.0	ug/kg	97				56	136	
	4,4'-DDE	18.48	0.21	17.6	ug/kg	94				56	134	
	Endrin	18.48	0.19	17.9	ug/kg	96				57	140	
	Endosulfan II	18.48	0	16.8	ug/kg	91				53	134	
	4,4'-DDD	18.48	0	18.4	ug/kg	100				56	139	
	Endosulfan sulfate	18.48	0	17.4	ug/kg	94				55	136	
	4,4'-DDT	18.48	0.22	18.5	ug/kg	99				50	141	
	Methoxychlor	18.48	0	18.0	ug/kg	97				52	143	
	Endrin ketone	18.48	0	18.0	ug/kg	97				55	136	
	Endrin aldehyde	18.48	0	17.6	ug/kg	95				35	137	
	alpha-Chlordane	18.48	0.37	17.7	ug/kg	94				54	133	
	gamma-Chlordane	18.48	0	17.6	ug/kg	95				53	135	
Lab Sample ID:	**Q3399-01MS (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	alpha-BHC	18.48	0	17.6	ug/kg	95				45	137	
	beta-BHC	18.48	0	17.5	ug/kg	95				50	136	
	delta-BHC	18.48	0	17.7	ug/kg	96				47	139	
	gamma-BHC (Lindane)	18.48	0	17.6	ug/kg	95				49	135	
	Heptachlor	18.48	0	18.1	ug/kg	98				47	136	
	Aldrin	18.48	0	17.8	ug/kg	96				45	136	
	Heptachlor epoxide	18.48	0	17.6	ug/kg	95				52	136	
	Endosulfan I	18.48	0	17.7	ug/kg	96				53	132	
	Dieldrin	18.48	0.25	17.9	ug/kg	96				56	136	
	4,4'-DDE	18.48	0.18	18.0	ug/kg	96				56	134	
	Endrin	18.48	0.38	17.9	ug/kg	95				57	140	
	Endosulfan II	18.48	0	18.2	ug/kg	98				53	134	
	4,4'-DDD	18.48	0	17.4	ug/kg	94				56	139	
	Endosulfan sulfate	18.48	0	18.5	ug/kg	100				55	136	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090768.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	18.48	0.75	19.2	ug/kg	100				50	141	
Methoxychlor	18.48	0	18.9	ug/kg	102				52	143	
Endrin ketone	18.48	0	18.9	ug/kg	102				55	136	
Endrin aldehyde	18.48	0	18.3	ug/kg	99				35	137	
alpha-Chlordane	18.48	0.27	17.9	ug/kg	95				54	133	
gamma-Chlordane	18.48	0	17.9	ug/kg	97				53	135	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090769.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3399-01MSD (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	alpha-BHC	18.49	0	18.5	ug/kg	100		2		45	137	20
	beta-BHC	18.49	0	17.7	ug/kg	96		1		50	136	20
	delta-BHC	18.49	0	18.5	ug/kg	100		2		47	139	20
	gamma-BHC (Lindane)	18.49	0	18.0	ug/kg	97		1		49	135	20
	Heptachlor	18.49	0	21.3	ug/kg	115		2		47	136	20
	Aldrin	18.49	0	18.1	ug/kg	98		2		45	136	20
	Heptachlor epoxide	18.49	0	18.3	ug/kg	99		1		52	136	20
	Endosulfan I	18.49	0	18.0	ug/kg	97		1		53	132	20
	Dieldrin	18.49	0	18.3	ug/kg	99		2		56	136	20
	4,4'-DDE	18.49	0.21	18.1	ug/kg	97		3		56	134	20
	Endrin	18.49	0.19	18.3	ug/kg	98		2		57	140	20
	Endosulfan II	18.49	0	17.1	ug/kg	92		1		53	134	20
	4,4'-DDD	18.49	0	18.7	ug/kg	101		1		56	139	20
	Endosulfan sulfate	18.49	0	17.7	ug/kg	96		2		55	136	20
	4,4'-DDT	18.49	0.22	19.0	ug/kg	102		3		50	141	20
	Methoxychlor	18.49	0	18.3	ug/kg	99		2		52	143	20
	Endrin ketone	18.49	0	18.4	ug/kg	100		3		55	136	20
	Endrin aldehyde	18.49	0	18.0	ug/kg	97		2		35	137	20
	alpha-Chlordane	18.49	0.37	17.7	ug/kg	94		0		54	133	20
	gamma-Chlordane	18.49	0	17.9	ug/kg	97		2		53	135	20
Lab Sample ID:	**Q3399-01MSD (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	alpha-BHC	18.49	0	17.9	ug/kg	97		2		45	137	20
	beta-BHC	18.49	0	17.7	ug/kg	96		1		50	136	20
	delta-BHC	18.49	0	18.0	ug/kg	97		1		47	139	20
	gamma-BHC (Lindane)	18.49	0	17.9	ug/kg	97		2		49	135	20
	Heptachlor	18.49	0	18.3	ug/kg	99		1		47	136	20
	Aldrin	18.49	0	18.0	ug/kg	97		1		45	136	20
	Heptachlor epoxide	18.49	0	17.8	ug/kg	96		1		52	136	20
	Endosulfan I	18.49	0	17.9	ug/kg	97		1		53	132	20
	Dieldrin	18.49	0.25	18.2	ug/kg	97		1		56	136	20
	4,4'-DDE	18.49	0.18	18.3	ug/kg	98		2		56	134	20
	Endrin	18.49	0.38	18.0	ug/kg	95		0		57	140	20
	Endosulfan II	18.49	0	18.6	ug/kg	101		3		53	134	20
	4,4'-DDD	18.49	0	17.7	ug/kg	96		2		56	139	20
	Endosulfan sulfate	18.49	0	18.8	ug/kg	102		2		55	136	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090769.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	18.49	0.75	19.7	ug/kg	102		2		50	141	20
Methoxychlor	18.49	0	19.3	ug/kg	104		2		52	143	20
Endrin ketone	18.49	0	19.2	ug/kg	104		2		55	136	20
Endrin aldehyde	18.49	0	18.6	ug/kg	101		2		35	137	20
alpha-Chlordane	18.49	0.27	18.2	ug/kg	97		2		54	133	20
gamma-Chlordane	18.49	0	18.2	ug/kg	98		1		53	135	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **Datafile :** PD090757.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170205BS (Column 1)	alpha-BHC	16.65	15.0	ug/kg	90				45	137	
	beta-BHC	16.65	14.7	ug/kg	88				50	136	
	delta-BHC	16.65	15.2	ug/kg	91				47	139	
	gamma-BHC (Lindane)	16.65	14.9	ug/kg	89				49	135	
	Heptachlor	16.65	17.9	ug/kg	108				47	136	
	Aldrin	16.65	15.2	ug/kg	91				45	136	
	Heptachlor epoxide	16.65	15.4	ug/kg	92				52	136	
	Endosulfan I	16.65	15.2	ug/kg	91				53	132	
	Dieldrin	16.65	15.5	ug/kg	93				56	136	
	4,4'-DDE	16.65	15.0	ug/kg	90				56	134	
	Endrin	16.65	15.4	ug/kg	92				57	140	
	Endosulfan II	16.65	15.6	ug/kg	94				53	134	
	4,4'-DDD	16.65	16.1	ug/kg	97				56	139	
	Endosulfan sulfate	16.65	15.4	ug/kg	92				55	136	
	4,4'-DDT	16.65	16.2	ug/kg	97				50	141	
	Methoxychlor	16.65	16.0	ug/kg	96				52	143	
	Endrin ketone	16.65	15.8	ug/kg	95				55	136	
	Endrin aldehyde	16.65	15.8	ug/kg	95				35	137	
	alpha-Chlordane	16.65	14.8	ug/kg	89				54	133	
	gamma-Chlordane	16.65	15.1	ug/kg	91				53	135	
PB170205BS (Column 2)	alpha-BHC	16.65	14.8	ug/kg	89				45	137	
	beta-BHC	16.65	14.9	ug/kg	89				50	136	
	delta-BHC	16.65	15.1	ug/kg	91				47	139	
	gamma-BHC (Lindane)	16.65	14.9	ug/kg	89				49	135	
	Heptachlor	16.65	15.4	ug/kg	92				47	136	
	Aldrin	16.65	15.1	ug/kg	91				45	136	
	Heptachlor epoxide	16.65	15.1	ug/kg	91				52	136	
	Endosulfan I	16.65	14.9	ug/kg	89				53	132	
	Dieldrin	16.65	15.6	ug/kg	94				56	136	
	4,4'-DDE	16.65	15.5	ug/kg	93				56	134	
	Endrin	16.65	15.6	ug/kg	94				57	140	
	Endosulfan II	16.65	15.8	ug/kg	95				53	134	
	4,4'-DDD	16.65	15.9	ug/kg	95				56	139	
	Endosulfan sulfate	16.65	16.0	ug/kg	96				55	136	
	4,4'-DDT	16.65	16.5	ug/kg	99				50	141	
	Methoxychlor	16.65	16.5	ug/kg	99				52	143	
	Endrin ketone	16.65	16.8	ug/kg	101				55	136	
	Endrin aldehyde	16.65	16.2	ug/kg	97				35	137	
	alpha-Chlordane	16.65	15.3	ug/kg	92				54	133	
	gamma-Chlordane	16.65	15.3	ug/kg	92				53	135	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170205BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170205BL | Lab File ID: PD090756.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025 | Date Analyzed (2): 10/22/2025

Time Analyzed (1): 15:13 | Time Analyzed (2): 15:13

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170205BS	PB170205BS	PD090757.D	10/22/2025	10/22/2025
COMP-ROLLOFF	Q3399-01	PD090758.D	10/22/2025	10/22/2025
COMP-ROLLOFFMS	Q3399-01MS	PD090768.D	10/22/2025	10/22/2025
COMP-ROLLOFFMSD	Q3399-01MSD	PD090769.D	10/22/2025	10/22/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170205BL	SDG No.:	Q3399
Lab Sample ID:	PB170205BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.33	U	1	0.13	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
319-85-7	beta-BHC	0.83	U	1	0.18	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
319-86-8	delta-BHC	0.83	U	1	0.39	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
58-89-9	gamma-BHC (Lindane)	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
76-44-8	Heptachlor	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
309-00-2	Aldrin	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
1024-57-3	Heptachlor epoxide	0.83	U	1	0.19	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
959-98-8	Endosulfan I	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
60-57-1	Dieldrin	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-55-9	4,4-DDE	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-20-8	Endrin	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
33213-65-9	Endosulfan II	0.83	U	1	0.29	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
72-54-8	4,4-DDD	0.33	U	1	0.15	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
1031-07-8	Endosulfan Sulfate	0.33	U	1	0.13	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
50-29-3	4,4-DDT	0.33	U	1	0.14	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
72-43-5	Methoxychlor	0.83	U	1	0.37	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
53494-70-5	Endrin ketone	0.83	U	1	0.19	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
7421-93-4	Endrin aldehyde	0.83	U	1	0.37	0.83	1.70	ug/kg	10/22/25 15:13	PB170205
5103-71-9	alpha-Chlordane	0.33	U	1	0.12	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
5103-74-2	gamma-Chlordane	0.33	U	1	0.15	0.33	1.70	ug/kg	10/22/25 15:13	PB170205
8001-35-2	Toxaphene	17.0	U	1	5.40	17.0	33.0	ug/kg	10/22/25 15:13	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.3			55 - 130		121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.4			42 - 129		102%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/17/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/17/25	pd101725
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/17/25	pd101725
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.3			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			44 - 124		100%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090753.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090753.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	25.1			30 - 135		126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.7			44 - 124		104%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090763.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090763.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.0			30 - 135		105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090772.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090772.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
319-85-7	beta-BHC	0.010	U	1	0.0049	0.010	0.050	ug/L	10/22/25	PD102225
319-86-8	delta-BHC	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
309-00-2	Aldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
959-98-8	Endosulfan I	0.010	U	1	0.0031	0.010	0.050	ug/L	10/22/25	PD102225
60-57-1	Dieldrin	0.010	U	1	0.0036	0.010	0.050	ug/L	10/22/25	PD102225
72-55-9	4,4-DDE	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
33213-65-9	Endosulfan II	0.025	U	1	0.0079	0.025	0.050	ug/L	10/22/25	PD102225
72-54-8	4,4-DDD	0.025	U	1	0.0071	0.025	0.050	ug/L	10/22/25	PD102225
1031-07-8	Endosulfan Sulfate	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
50-29-3	4,4-DDT	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
53494-70-5	Endrin ketone	0.025	U	1	0.0093	0.025	0.050	ug/L	10/22/25	PD102225
7421-93-4	Endrin aldehyde	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
5103-71-9	alpha-Chlordane	0.010	U	1	0.0035	0.010	0.050	ug/L	10/22/25	PD102225
5103-74-2	gamma-Chlordane	0.010	U	1	0.0039	0.010	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.0			30 - 135		120%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170205BS	SDG No.:	Q3399
Lab Sample ID:	PB170205BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	15.0		1	0.13	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
319-85-7	beta-BHC	14.9		1	0.18	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
319-86-8	delta-BHC	15.2		1	0.39	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
58-89-9	gamma-BHC (Lindane)	14.9		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
76-44-8	Heptachlor	17.9		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
309-00-2	Aldrin	15.2		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
1024-57-3	Heptachlor epoxide	15.4		1	0.19	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
959-98-8	Endosulfan I	15.2		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
60-57-1	Dieldrin	15.6		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-55-9	4,4-DDE	15.5		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-20-8	Endrin	15.6		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
33213-65-9	Endosulfan II	15.8		1	0.29	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
72-54-8	4,4-DDD	16.1		1	0.15	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
1031-07-8	Endosulfan Sulfate	16.0		1	0.13	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
50-29-3	4,4-DDT	16.5		1	0.14	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
72-43-5	Methoxychlor	16.5		1	0.37	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
53494-70-5	Endrin ketone	16.8		1	0.19	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
7421-93-4	Endrin aldehyde	16.2		1	0.37	0.83	1.70	ug/kg	10/22/25 15:26	PB170205
5103-71-9	alpha-Chlordane	15.3		1	0.12	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
5103-74-2	gamma-Chlordane	15.3		1	0.15	0.33	1.70	ug/kg	10/22/25 15:26	PB170205
8001-35-2	Toxaphene	17.0	U	1	5.40	17.0	33.0	ug/kg	10/22/25 15:26	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.5			55 - 130		123%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			42 - 129		86%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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P = Indicates >25% difference for detected concentrations between the two GC columns
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	18.2		1	0.14	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
319-85-7	beta-BHC	17.5		1	0.20	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
319-86-8	delta-BHC	18.1		1	0.43	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
58-89-9	gamma-BHC (Lindane)	17.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
76-44-8	Heptachlor	20.9		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
309-00-2	Aldrin	17.8		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
1024-57-3	Heptachlor epoxide	18.1		1	0.21	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
959-98-8	Endosulfan I	17.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
60-57-1	Dieldrin	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-55-9	4,4-DDE	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-20-8	Endrin	17.9		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
33213-65-9	Endosulfan II	18.2		1	0.32	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
72-54-8	4,4-DDD	18.4		1	0.17	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
1031-07-8	Endosulfan Sulfate	18.5		1	0.14	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
50-29-3	4,4-DDT	19.2		1	0.16	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
72-43-5	Methoxychlor	18.9		1	0.41	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
53494-70-5	Endrin ketone	18.9		1	0.21	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
7421-93-4	Endrin aldehyde	18.3		1	0.41	0.92	1.90	ug/kg	10/22/25 18:11	PB170205
5103-71-9	alpha-Chlordane	17.9		1	0.13	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
5103-74-2	gamma-Chlordane	17.9		1	0.17	0.37	1.90	ug/kg	10/22/25 18:11	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 18:11	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	15.3			55 - 130		77%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.1			42 - 129		96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	89.9
Sample Wt/Vol:	30.08 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
319-84-6	alpha-BHC	18.5		1	0.14	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
319-85-7	beta-BHC	17.7		1	0.20	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
319-86-8	delta-BHC	18.5		1	0.43	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
58-89-9	gamma-BHC (Lindane)	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
76-44-8	Heptachlor	21.3		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
309-00-2	Aldrin	18.1		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
1024-57-3	Heptachlor epoxide	18.3		1	0.21	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
959-98-8	Endosulfan I	18.0		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
60-57-1	Dieldrin	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-55-9	4,4-DDE	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-20-8	Endrin	18.3		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
33213-65-9	Endosulfan II	18.6		1	0.32	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
72-54-8	4,4-DDD	18.7		1	0.17	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
1031-07-8	Endosulfan Sulfate	18.8		1	0.14	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
50-29-3	4,4-DDT	19.7		1	0.16	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
72-43-5	Methoxychlor	19.3		1	0.41	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
53494-70-5	Endrin ketone	19.2		1	0.21	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
7421-93-4	Endrin aldehyde	18.6		1	0.41	0.92	1.90	ug/kg	10/22/25 18:25	PB170205
5103-71-9	alpha-Chlordane	18.2		1	0.13	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
5103-74-2	gamma-Chlordane	18.2		1	0.17	0.37	1.90	ug/kg	10/22/25 18:25	PB170205
8001-35-2	Toxaphene	18.9	U	1	6.00	18.9	36.6	ug/kg	10/22/25 18:25	PB170205
SURROGATES										
2051-24-3	Decachlorobiphenyl	15.7			55 - 130		79%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.4			42 - 129		97%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.15	7.15	7.15	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.18	6.17	6.07	6.27	-0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.702	6.600	6.800	50.540	50.000	1.1
4,4'-DDE	6.192	6.090	6.290	47.660	50.000	-4.7
4,4'-DDT	7.018	6.915	7.115	50.860	50.000	1.7
Aldrin	5.265	5.164	5.364	48.440	50.000	-3.1
alpha-BHC	3.994	3.894	4.094	48.140	50.000	-3.7
alpha-Chlordane	6.022	5.921	6.121	48.240	50.000	-3.5
beta-BHC	4.513	4.412	4.612	47.070	50.000	-5.9
Decachlorobiphenyl	9.068	8.964	9.164	46.320	50.000	-7.4
delta-BHC	4.761	4.660	4.860	48.380	50.000	-3.2
Dieldrin	6.342	6.240	6.440	52.600	50.000	5.2
Endosulfan I	6.069	5.968	6.168	48.290	50.000	-3.4
Endosulfan II	6.783	6.681	6.881	48.960	50.000	-2.1
Endosulfan sulfate	7.146	7.045	7.245	48.270	50.000	-3.5
Endrin	6.570	6.468	6.668	47.990	50.000	-4.0
Endrin aldehyde	6.912	6.810	7.010	49.240	50.000	-1.5
Endrin ketone	7.627	7.525	7.725	49.560	50.000	-0.9
gamma-BHC (Lindane)	4.326	4.225	4.425	47.990	50.000	-4.0
gamma-Chlordane	5.941	5.840	6.040	48.010	50.000	-4.0
Heptachlor	4.924	4.823	5.023	57.070	50.000	14.1
Heptachlor epoxide	5.685	5.584	5.784	49.030	50.000	-1.9
Methoxychlor	7.490	7.388	7.588	49.890	50.000	-0.2
Tetrachloro-m-xylene	3.545	3.445	3.645	46.510	50.000	-7.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.920	5.821	6.021	50.670	50.000	1.3
4,4'-DDE	5.366	5.266	5.466	49.060	50.000	-1.9
4,4'-DDT	6.175	6.074	6.274	52.370	50.000	4.7
Aldrin	4.360	4.261	4.461	48.160	50.000	-3.7
alpha-BHC	3.386	3.287	3.487	47.870	50.000	-4.3
alpha-Chlordane	5.181	5.081	5.281	48.660	50.000	-2.7
beta-BHC	4.018	3.919	4.119	47.530	50.000	-4.9
Decachlorobiphenyl	8.062	7.962	8.162	54.910	50.000	9.8
delta-BHC	4.254	4.155	4.355	48.500	50.000	-3.0
Dieldrin	5.504	5.404	5.604	48.850	50.000	-2.3
Endosulfan I	5.238	5.138	5.338	48.350	50.000	-3.3
Endosulfan II	6.072	5.972	6.172	50.380	50.000	0.8
Endosulfan sulfate	6.474	6.374	6.574	50.840	50.000	1.7
Endrin	5.781	5.681	5.881	48.490	50.000	-3.0
Endrin aldehyde	6.251	6.150	6.350	51.380	50.000	2.8
Endrin ketone	6.983	6.883	7.083	53.380	50.000	6.8
gamma-BHC (Lindane)	3.722	3.623	3.823	49.500	50.000	-1.0
gamma-Chlordane	5.117	5.017	5.217	48.880	50.000	-2.2
Heptachlor	4.074	3.975	4.175	49.470	50.000	-1.1
Heptachlor epoxide	4.864	4.764	4.964	47.790	50.000	-4.4
Methoxychlor	6.745	6.645	6.845	52.980	50.000	6.0
Tetrachloro-m-xylene	2.874	2.775	2.975	47.350	50.000	-5.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.701	6.600	6.800	48.540	50.000	-2.9
4,4'-DDE	6.191	6.090	6.290	45.890	50.000	-8.2
4,4'-DDT	7.016	6.915	7.115	47.220	50.000	-5.6
Aldrin	5.265	5.164	5.364	47.430	50.000	-5.1
alpha-BHC	3.994	3.894	4.094	47.810	50.000	-4.4
alpha-Chlordane	6.022	5.921	6.121	45.360	50.000	-9.3
beta-BHC	4.513	4.412	4.612	46.500	50.000	-7.0
Decachlorobiphenyl	9.067	8.964	9.164	44.170	50.000	-11.7
delta-BHC	4.761	4.660	4.860	47.540	50.000	-4.9
Dieldrin	6.342	6.240	6.440	50.320	50.000	0.6
Endosulfan I	6.069	5.968	6.168	46.400	50.000	-7.2
Endosulfan II	6.782	6.681	6.881	46.850	50.000	-6.3
Endosulfan sulfate	7.146	7.045	7.245	45.950	50.000	-8.1
Endrin	6.569	6.468	6.668	46.250	50.000	-7.5
Endrin aldehyde	6.911	6.810	7.010	46.610	50.000	-6.8
Endrin ketone	7.627	7.525	7.725	46.940	50.000	-6.1
gamma-BHC (Lindane)	4.324	4.225	4.425	47.530	50.000	-4.9
gamma-Chlordane	5.941	5.840	6.040	46.490	50.000	-7.0
Heptachlor	4.923	4.823	5.023	55.620	50.000	11.2
Heptachlor epoxide	5.685	5.584	5.784	46.870	50.000	-6.3
Methoxychlor	7.489	7.388	7.588	46.180	50.000	-7.6
Tetrachloro-m-xylene	3.544	3.445	3.645	46.320	50.000	-7.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.920	5.821	6.021	48.200	50.000	-3.6
4,4'-DDE	5.366	5.266	5.466	47.300	50.000	-5.4
4,4'-DDT	6.174	6.074	6.274	48.220	50.000	-3.6
Aldrin	4.360	4.261	4.461	47.330	50.000	-5.3
alpha-BHC	3.386	3.287	3.487	47.470	50.000	-5.1
alpha-Chlordane	5.181	5.081	5.281	47.290	50.000	-5.4
beta-BHC	4.018	3.919	4.119	47.020	50.000	-6.0
Decachlorobiphenyl	8.061	7.962	8.162	48.710	50.000	-2.6
delta-BHC	4.254	4.155	4.355	47.810	50.000	-4.4
Dieldrin	5.503	5.404	5.604	47.130	50.000	-5.7
Endosulfan I	5.238	5.138	5.338	46.640	50.000	-6.7
Endosulfan II	6.072	5.972	6.172	47.490	50.000	-5.0
Endosulfan sulfate	6.474	6.374	6.574	47.640	50.000	-4.7
Endrin	5.780	5.681	5.881	46.650	50.000	-6.7
Endrin aldehyde	6.250	6.150	6.350	47.580	50.000	-4.8
Endrin ketone	6.983	6.883	7.083	48.300	50.000	-3.4
gamma-BHC (Lindane)	3.722	3.623	3.823	48.880	50.000	-2.2
gamma-Chlordane	5.116	5.017	5.217	47.570	50.000	-4.9
Heptachlor	4.074	3.975	4.175	48.710	50.000	-2.6
Heptachlor epoxide	4.864	4.764	4.964	46.510	50.000	-7.0
Methoxychlor	6.745	6.645	6.845	48.070	50.000	-3.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.070	50.000	-5.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.37	5.37	5.27	5.47	0.01
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.600	6.800	51.820	50.000	3.6
4,4'-DDE	6.190	6.090	6.290	48.730	50.000	-2.5
4,4'-DDT	7.016	6.915	7.115	50.780	50.000	1.6
Aldrin	5.264	5.164	5.364	49.570	50.000	-0.9
alpha-BHC	3.994	3.894	4.094	49.430	50.000	-1.1
alpha-Chlordane	6.021	5.921	6.121	48.200	50.000	-3.6
beta-BHC	4.512	4.412	4.612	48.100	50.000	-3.8
Decachlorobiphenyl	9.066	8.964	9.164	48.090	50.000	-3.8
delta-BHC	4.760	4.660	4.860	49.750	50.000	-0.5
Dieldrin	6.341	6.240	6.440	53.220	50.000	6.4
Endosulfan I	6.068	5.968	6.168	49.150	50.000	-1.7
Endosulfan II	6.781	6.681	6.881	49.660	50.000	-0.7
Endosulfan sulfate	7.145	7.045	7.245	49.130	50.000	-1.7
Endrin	6.568	6.468	6.668	49.010	50.000	-2.0
Endrin aldehyde	6.910	6.810	7.010	49.600	50.000	-0.8
Endrin ketone	7.625	7.525	7.725	50.440	50.000	0.9
gamma-BHC (Lindane)	4.324	4.225	4.425	49.170	50.000	-1.7
gamma-Chlordane	5.939	5.840	6.040	49.270	50.000	-1.5
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.685	5.584	5.784	49.640	50.000	-0.7
Methoxychlor	7.489	7.388	7.588	49.960	50.000	-0.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.760	50.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.920	5.821	6.021	51.850	50.000	3.7
4,4'-DDE	5.365	5.266	5.466	49.630	50.000	-0.7
4,4'-DDT	6.174	6.074	6.274	51.950	50.000	3.9
Aldrin	4.360	4.261	4.461	48.750	50.000	-2.5
alpha-BHC	3.385	3.287	3.487	48.890	50.000	-2.2
alpha-Chlordane	5.181	5.081	5.281	49.370	50.000	-1.3
beta-BHC	4.018	3.919	4.119	48.510	50.000	-3.0
Decachlorobiphenyl	8.061	7.962	8.162	55.760	50.000	11.5
delta-BHC	4.254	4.155	4.355	49.470	50.000	-1.1
Dieldrin	5.503	5.404	5.604	50.610	50.000	1.2
Endosulfan I	5.238	5.138	5.338	48.830	50.000	-2.3
Endosulfan II	6.072	5.972	6.172	51.180	50.000	2.4
Endosulfan sulfate	6.473	6.374	6.574	51.930	50.000	3.9
Endrin	5.780	5.681	5.881	49.660	50.000	-0.7
Endrin aldehyde	6.250	6.150	6.350	51.550	50.000	3.1
Endrin ketone	6.982	6.883	7.083	53.780	50.000	7.6
gamma-BHC (Lindane)	3.722	3.623	3.823	50.230	50.000	0.5
gamma-Chlordane	5.116	5.017	5.217	49.480	50.000	-1.0
Heptachlor	4.073	3.975	4.175	49.520	50.000	-1.0
Heptachlor epoxide	4.863	4.764	4.964	48.340	50.000	-3.3
Methoxychlor	6.744	6.645	6.845	53.040	50.000	6.1
Tetrachloro-m-xylene	2.874	2.775	2.975	48.360	50.000	-3.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	22.040	20.000	10.2
Tetrachloro-m-xylene	3.544	3.490	3.590	20.920	20.000	4.6
alpha-BHC	3.994	3.940	4.040	8.790	10.000	-12.1
beta-BHC	4.513	4.460	4.560	10.210	10.000	2.1
gamma-BHC (Lindane)	4.325	4.270	4.380	9.200	10.000	-8.0
Endrin	6.570	6.500	6.640	48.180	50.000	-3.6
4,4'-DDT	7.018	6.950	7.090	100.910	100.000	0.9
Methoxychlor	7.491	7.420	7.560	235.430	250.000	-5.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	25.380	20.000	26.9
Tetrachloro-m-xylene	2.873	2.820	2.920	21.110	20.000	5.6
alpha-BHC	3.385	3.330	3.440	10.320	10.000	3.2
beta-BHC	4.017	3.970	4.070	10.570	10.000	5.7
gamma-BHC (Lindane)	3.721	3.670	3.770	10.640	10.000	6.4
Endrin	5.779	5.710	5.850	49.190	50.000	-1.6
4,4'-DDT	6.173	6.100	6.240	103.470	100.000	3.5
Methoxychlor	6.745	6.670	6.820	217.530	250.000	-13.0

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	9.08	3.55
PEM	PEM	10/22/2025	14:45	PD090754.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	9.07	3.55
PB170205BL	PB170205BL	10/22/2025	15:13	PD090756.D	9.07	3.54
PB170205BS	PB170205BS	10/22/2025	15:26	PD090757.D	9.07	3.54
COMP-ROLLOFF	Q3399-01	10/22/2025	15:40	PD090758.D	9.07	3.54
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	9.07	3.54
COMP-ROLLOFFMS	Q3399-01MS	10/22/2025	18:11	PD090768.D	9.07	3.54
COMP-ROLLOFFMSD	Q3399-01MSD	10/22/2025	18:25	PD090769.D	9.07	3.54
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	9.07	3.54

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	8.06	2.87
PEM	PEM	10/22/2025	14:45	PD090754.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	8.06	2.87
PB170205BL	PB170205BL	10/22/2025	15:13	PD090756.D	8.06	2.87
PB170205BS	PB170205BS	10/22/2025	15:26	PD090757.D	8.06	2.87
COMP-ROLLOFF	Q3399-01	10/22/2025	15:40	PD090758.D	8.06	2.87
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	8.06	2.87
COMP-ROLLOFFMS	Q3399-01MS	10/22/2025	18:11	PD090768.D	8.06	2.87
COMP-ROLLOFFMSD	Q3399-01MSD	10/22/2025	18:25	PD090769.D	8.06	2.87
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFF

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01 **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.57	6.52	6.62	0.19	68.4
	2	5.78	5.73	5.83	0.38	
4,4'-DDT	1	7.02	6.97	7.07	0.22	109.1
	2	6.17	6.12	6.22	0.75	
alpha-Chlordane	1	6.02	5.97	6.07	0.37	32.6
	2	5.18	5.13	5.23	0.27	
4,4'-DDE	1	6.19	6.14	6.24	0.21	13.3
	2	5.37	5.32	5.42	0.18	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.
COMP-ROLLOFFMS

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab Sample ID: Q3399-01MS
Date(s) Analyzed: 10/22/2025 10/22/2025
Instrument ID (1): ECD_D
Instrument ID (2): ECD_D
GC Column: (1): ZB-MR1 **ID:** 0.32 (mm)
GC Column:(2): ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	18.4	5.6
	2	5.92	5.87	5.97	17.4	
4,4'-DDT	1	7.02	6.97	7.07	18.5	3.7
	2	6.17	6.12	6.22	19.2	
alpha-BHC	1	3.99	3.94	4.04	18.2	3.4
	2	3.39	3.34	3.44	17.6	
Aldrin	1	5.26	5.21	5.31	17.8	0
	2	4.36	4.31	4.41	17.8	
beta-BHC	1	4.51	4.46	4.56	17.5	0
	2	4.02	3.97	4.07	17.5	
delta-BHC	1	4.76	4.71	4.81	18.1	2.2
	2	4.26	4.21	4.31	17.7	
Endosulfan I	1	6.07	6.02	6.12	17.7	0
	2	5.24	5.19	5.29	17.7	
alpha-Chlordane	1	6.02	5.97	6.07	17.7	1.1
	2	5.18	5.13	5.23	17.9	
4,4'-DDE	1	6.19	6.14	6.24	17.6	2.2
	2	5.37	5.32	5.42	18.0	
Dieldrin	1	6.34	6.29	6.39	18.0	0.6
	2	5.50	5.45	5.55	17.9	
Endosulfan II	1	6.78	6.73	6.83	16.8	8
	2	6.07	6.02	6.12	18.2	
Endrin aldehyde	1	6.91	6.86	6.96	17.6	3.9
	2	6.25	6.20	6.30	18.3	
Endosulfan sulfate	1	7.15	7.10	7.20	17.4	6.1
	2	6.47	6.42	6.52	18.5	
Methoxychlor	1	7.49	7.44	7.54	18.0	4.9
	2	6.75	6.70	6.80	18.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01MS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.63	7.58	7.68	18.0	4.9
	2	6.98	6.93	7.03	18.9	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.7	0.6
	2	3.72	3.67	3.77	17.6	
Heptachlor	1	4.92	4.87	4.97	20.9	14.4
	2	4.08	4.03	4.13	18.1	
Heptachlor epoxide	1	5.69	5.64	5.74	18.1	2.8
	2	4.86	4.81	4.91	17.6	
gamma-Chlordane	1	5.94	5.89	5.99	17.6	1.7
	2	5.12	5.07	5.17	17.9	
Endrin	1	6.57	6.52	6.62	17.9	0
	2	5.78	5.73	5.83	17.9	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01MSD **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	17.1	8.4
	2	6.07	6.02	6.12	18.6	
4,4'-DDD	1	6.70	6.65	6.75	18.7	5.5
	2	5.92	5.87	5.97	17.7	
4,4'-DDT	1	7.02	6.97	7.07	19.0	3.6
	2	6.17	6.12	6.22	19.7	
Endrin aldehyde	1	6.91	6.86	6.96	18.0	3.3
	2	6.25	6.20	6.30	18.6	
Endosulfan sulfate	1	7.15	7.10	7.20	17.7	6
	2	6.47	6.42	6.52	18.8	
Methoxychlor	1	7.49	7.44	7.54	18.3	5.3
	2	6.75	6.70	6.80	19.3	
Endrin ketone	1	7.63	7.58	7.68	18.4	4.3
	2	6.98	6.93	7.03	19.2	
alpha-BHC	1	3.99	3.94	4.04	18.5	3.3
	2	3.39	3.34	3.44	17.9	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.0	0.6
	2	3.72	3.67	3.77	17.9	
Heptachlor	1	4.92	4.87	4.97	21.3	15.2
	2	4.08	4.03	4.13	18.3	
Aldrin	1	5.26	5.21	5.31	18.1	0.6
	2	4.36	4.31	4.41	18.0	
beta-BHC	1	4.51	4.46	4.56	17.7	0
	2	4.02	3.97	4.07	17.7	
delta-BHC	1	4.76	4.71	4.81	18.5	2.7
	2	4.26	4.21	4.31	18.0	
Heptachlor epoxide	1	5.69	5.64	5.74	18.3	2.8
	2	4.86	4.81	4.91	17.8	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-01MSD **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	18.0	0.6
	2	5.24	5.19	5.29	17.9	
gamma-Chlordane	1	5.94	5.89	5.99	17.9	1.7
	2	5.12	5.07	5.17	18.2	
alpha-Chlordane	1	6.02	5.97	6.07	17.7	2.8
	2	5.18	5.13	5.23	18.2	
4,4'-DDE	1	6.19	6.14	6.24	18.1	1.1
	2	5.37	5.32	5.42	18.3	
Dieldrin	1	6.34	6.29	6.39	18.3	0.5
	2	5.50	5.45	5.55	18.2	
Endrin	1	6.57	6.52	6.62	18.3	1.7
	2	5.78	5.73	5.83	18.0	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170205BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170205BS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	16.1	1.3
	2	5.92	5.87	5.97	15.9	
4,4'-DDE	1	6.19	6.14	6.24	15.0	3.3
	2	5.37	5.32	5.42	15.5	
4,4'-DDT	1	7.02	6.97	7.07	16.2	1.8
	2	6.17	6.12	6.22	16.5	
alpha-BHC	1	3.99	3.94	4.04	15.0	1.3
	2	3.39	3.34	3.44	14.8	
Aldrin	1	5.26	5.21	5.31	15.2	0.7
	2	4.36	4.31	4.41	15.1	
alpha-Chlordane	1	6.02	5.97	6.07	14.8	3.3
	2	5.18	5.13	5.23	15.3	
Endosulfan II	1	6.78	6.73	6.83	15.6	1.3
	2	6.07	6.02	6.12	15.8	
Endosulfan sulfate	1	7.15	7.10	7.20	15.4	3.8
	2	6.47	6.42	6.52	16.0	
beta-BHC	1	4.51	4.46	4.56	14.7	1.4
	2	4.02	3.97	4.07	14.9	
delta-BHC	1	4.76	4.71	4.81	15.2	0.7
	2	4.26	4.21	4.31	15.1	
Endosulfan I	1	6.07	6.02	6.12	15.2	2
	2	5.24	5.19	5.29	14.9	
Dieldrin	1	6.34	6.29	6.39	15.5	0.6
	2	5.50	5.45	5.55	15.6	
Endrin aldehyde	1	6.91	6.86	6.96	15.8	2.5
	2	6.25	6.20	6.30	16.2	
Methoxychlor	1	7.49	7.44	7.54	16.0	3.1
	2	6.75	6.70	6.80	16.5	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170205BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170205BS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.63	7.58	7.68	15.8	6.1
	2	6.98	6.93	7.03	16.8	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	14.9	0
	2	3.72	3.67	3.77	14.9	
Heptachlor	1	4.92	4.87	4.97	17.9	15
	2	4.08	4.03	4.13	15.4	
Heptachlor epoxide	1	5.69	5.64	5.74	15.4	2
	2	4.86	4.81	4.91	15.1	
gamma-Chlordane	1	5.94	5.89	5.99	15.1	1.3
	2	5.12	5.07	5.17	15.3	
Endrin	1	6.57	6.52	6.62	15.4	1.3
	2	5.78	5.73	5.83	15.6	

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PB170172TB	SDG No.:	Q3399
Lab Sample ID:	PB170172TB	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.10	U	1	0.037	0.10	0.50	ug/L	10/22/25 17:58	PB170218
76-44-8	Heptachlor	0.10	U	1	0.027	0.10	0.50	ug/L	10/22/25 17:58	PB170218
1024-57-3	Heptachlor epoxide	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25 17:58	PB170218
72-20-8	Endrin	0.10	U	1	0.032	0.10	0.50	ug/L	10/22/25 17:58	PB170218
72-43-5	Methoxychlor	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25 17:58	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 17:58	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 17:58	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.2			30 - 135		121%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.9			44 - 124		104%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.10	U	1	0.037	0.10	0.50	ug/L	10/22/25 15:54	PB170218
76-44-8	Heptachlor	0.10	U	1	0.027	0.10	0.50	ug/L	10/22/25 15:54	PB170218
1024-57-3	Heptachlor epoxide	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25 15:54	PB170218
72-20-8	Endrin	0.10	U	1	0.032	0.10	0.50	ug/L	10/22/25 15:54	PB170218
72-43-5	Methoxychlor	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25 15:54	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 15:54	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 15:54	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	20.1			30 - 135		101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.6			44 - 124		98%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30	135
		Tetrachloro-m-xyl	1	20	19.4	97		44	124
		Decachlorobiphen	2	20	20.3	102		30	135
		Tetrachloro-m-xyl	2	20	20.0	100		44	124
I.BLK-PD090753.D	PIBLK-PD090753.D	Decachlorobiphen	1	20	22.1	111		30	135
		Tetrachloro-m-xyl	1	20	19.9	99		44	124
		Decachlorobiphen	2	20	25.1	126		30	135
		Tetrachloro-m-xyl	2	20	20.7	104		44	124
Q3399-02	COMP-ROLLOFF	Decachlorobiphen	1	20	18.5	93		30	135
		Tetrachloro-m-xyl	1	20	19.6	98		44	124
		Decachlorobiphen	2	20	20.1	101		30	135
		Tetrachloro-m-xyl	2	20	19.2	96		44	124
I.BLK-PD090763.D	PIBLK-PD090763.D	Decachlorobiphen	1	20	21.0	105		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	21.0	105		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
PB170218BL	PB170218BL	Decachlorobiphen	1	20	20.4	102		30	135
		Tetrachloro-m-xyl	1	20	19.5	98		44	124
		Decachlorobiphen	2	20	22.3	112		30	135
		Tetrachloro-m-xyl	2	20	20.1	101		44	124
PB170218BS	PB170218BS	Decachlorobiphen	1	20	21.1	106		30	135
		Tetrachloro-m-xyl	1	20	16.9	85		44	124
		Decachlorobiphen	2	20	23.4	117		30	135
		Tetrachloro-m-xyl	2	20	17.3	86		44	124
PB170172TB	PB170172TB	Decachlorobiphen	1	20	21.7	108		30	135
		Tetrachloro-m-xyl	1	20	20.1	100		44	124
		Decachlorobiphen	2	20	24.2	121		30	135
		Tetrachloro-m-xyl	2	20	20.9	104		44	124
Q3399-02MS	COMP-ROLLOFFMS	Decachlorobiphen	1	20	19.1	96		30	135
		Tetrachloro-m-xyl	1	20	21.4	107		44	124
		Decachlorobiphen	2	20	21.2	106		30	135
		Tetrachloro-m-xyl	2	20	20.6	103		44	124
Q3399-02MSD	COMP-ROLLOFFMSD	Decachlorobiphen	1	20	19.2	96		30	135
		Tetrachloro-m-xyl	1	20	21.1	106		44	124
		Decachlorobiphen	2	20	20.7	104		30	135
		Tetrachloro-m-xyl	2	20	20.1	100		44	124
I.BLK-PD090772.D	PIBLK-PD090772.D	Decachlorobiphen	1	20	21.4	107		30	135
		Tetrachloro-m-xyl	1	20	19.9	100		44	124
		Decachlorobiphen	2	20	24.0	120		30	135
		Tetrachloro-m-xyl	2	20	20.5	103		44	124

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090770.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3399-02MS (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	gamma-BHC (Lindane)	5	0	5.00	ug/L	100				59	134	
	Heptachlor	5	0	5.90	ug/L	118				54	130	
	Heptachlor epoxide	5	0	5.00	ug/L	100				61	133	
	Endrin	5	0	5.10	ug/L	102				60	138	
	Methoxychlor	5	0	5.20	ug/L	104				54	145	
Lab Sample ID:	**Q3399-02MS (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	gamma-BHC (Lindane)	5	0	4.80	ug/L	96				59	134	
	Heptachlor	5	0	4.90	ug/L	98				54	130	
	Heptachlor epoxide	5	0	4.90	ug/L	98				61	133	
	Endrin	5	0	5.00	ug/L	100				60	138	
	Methoxychlor	5	0	5.40	ug/L	108				54	145	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **DataFile :** PD090771.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3399-02MSD (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		59	134	20
	Heptachlor	5	0	5.80	ug/L	116		2		54	130	20
	Heptachlor epoxide	5	0	5.40	ug/L	108		8		61	133	20
	Endrin	5	0	5.00	ug/L	100		2		60	138	20
	Methoxychlor	5	0	5.20	ug/L	104		0		54	145	20
Lab Sample ID:	**Q3399-02MSD (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	gamma-BHC (Lindane)	5	0	4.70	ug/L	94		2		59	134	20
	Heptachlor	5	0	4.80	ug/L	96		2		54	130	20
	Heptachlor epoxide	5	0	5.30	ug/L	106		8		61	133	20
	Endrin	5	0	5.00	ug/L	100		0		60	138	20
	Methoxychlor	5	0	5.30	ug/L	106		2		54	145	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8081B

Client: ICE Service Group, Inc. **Datafile :** PD090766.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170218BS (Column 1)	gamma-BHC (Lindane)	0.5	0.44	ug/L	88				59	134	
	Heptachlor	0.5	0.52	ug/L	105				54	130	
	Heptachlor epoxide	0.5	0.45	ug/L	90				61	133	
	Endrin	0.5	0.45	ug/L	89				60	138	
	Methoxychlor	0.5	0.46	ug/L	91				54	145	
PB170218BS (Column 2)	gamma-BHC (Lindane)	0.5	0.45	ug/L	90				59	134	
	Heptachlor	0.5	0.46	ug/L	92				54	130	
	Heptachlor epoxide	0.5	0.45	ug/L	90				61	133	
	Endrin	0.5	0.46	ug/L	92				60	138	
	Methoxychlor	0.5	0.48	ug/L	95				54	145	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170218BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170218BL | Lab File ID: PD090765.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025 | Date Analyzed (2): 10/22/2025

Time Analyzed (1): 17:30 | Time Analyzed (2): 17:30

Instrument ID (1): ECD_D | Instrument ID (2): ECD_D

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-ROLLOFF	Q3399-02	PD090759.D	10/22/2025	10/22/2025
PB170218BS	PB170218BS	PD090766.D	10/22/2025	10/22/2025
PB170172TB	PB170172TB	PD090767.D	10/22/2025	10/22/2025
COMP-ROLLOFFMS	Q3399-02MS	PD090770.D	10/22/2025	10/22/2025
COMP-ROLLOFFMSD	Q3399-02MSD	PD090771.D	10/22/2025	10/22/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170218BL	SDG No.:	Q3399
Lab Sample ID:	PB170218BL	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25 17:30	PB170218
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25 17:30	PB170218
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25 17:30	PB170218
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25 17:30	PB170218
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25 17:30	PB170218
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25 17:30	PB170218
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25 17:30	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	22.3			30 - 135		112%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.1			44 - 124		101%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/17/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090647.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/17/25	pd101725
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/17/25	pd101725
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.3			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			44 - 124		100%	SPK: 20		

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090753.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090753.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	25.1			30 - 135		126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.7			44 - 124		104%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
E = Value Exceeds Calibration Range
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Q = indicates LCS control criteria did not meet requirements
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B = Analyte Found in Associated Method Blank
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090763.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090763.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.0			30 - 135		105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PD090772.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PD090772.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.010	U	1	0.0037	0.010	0.050	ug/L	10/22/25	PD102225
76-44-8	Heptachlor	0.010	U	1	0.0027	0.010	0.050	ug/L	10/22/25	PD102225
1024-57-3	Heptachlor epoxide	0.025	U	1	0.0096	0.025	0.050	ug/L	10/22/25	PD102225
72-20-8	Endrin	0.010	U	1	0.0032	0.010	0.050	ug/L	10/22/25	PD102225
72-43-5	Methoxychlor	0.025	U	1	0.011	0.025	0.050	ug/L	10/22/25	PD102225
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25	PD102225
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25	PD102225
SURROGATES										
2051-24-3	Decachlorobiphenyl	24.0			30 - 135		120%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.5			44 - 124		103%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170218BS	SDG No.:	Q3399
Lab Sample ID:	PB170218BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	0.45		1	0.0037	0.010	0.050	ug/L	10/22/25 17:44	PB170218
76-44-8	Heptachlor	0.52		1	0.0027	0.010	0.050	ug/L	10/22/25 17:44	PB170218
1024-57-3	Heptachlor epoxide	0.45		1	0.0096	0.025	0.050	ug/L	10/22/25 17:44	PB170218
72-20-8	Endrin	0.46		1	0.0032	0.010	0.050	ug/L	10/22/25 17:44	PB170218
72-43-5	Methoxychlor	0.48		1	0.011	0.025	0.050	ug/L	10/22/25 17:44	PB170218
8001-35-2	Toxaphene	0.50	U	1	0.17	0.50	1.00	ug/L	10/22/25 17:44	PB170218
57-74-9	Chlordane	0.25	U	1	0.088	0.25	0.50	ug/L	10/22/25 17:44	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	23.4			30 - 135		117%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.3			44 - 124		86%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	5.00		1	0.037	0.10	0.50	ug/L	10/22/25 18:38	PB170218
76-44-8	Heptachlor	5.90		1	0.027	0.10	0.50	ug/L	10/22/25 18:38	PB170218
1024-57-3	Heptachlor epoxide	5.00		1	0.096	0.25	0.50	ug/L	10/22/25 18:38	PB170218
72-20-8	Endrin	5.10		1	0.032	0.10	0.50	ug/L	10/22/25 18:38	PB170218
72-43-5	Methoxychlor	5.40		1	0.11	0.25	0.50	ug/L	10/22/25 18:38	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 18:38	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 18:38	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	21.2			30 - 135		106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			44 - 124		107%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3510 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
58-89-9	gamma-BHC (Lindane)	4.90		1	0.037	0.10	0.50	ug/L	10/22/25 18:52	PB170218
76-44-8	Heptachlor	5.80		1	0.027	0.10	0.50	ug/L	10/22/25 18:52	PB170218
1024-57-3	Heptachlor epoxide	5.40		1	0.096	0.25	0.50	ug/L	10/22/25 18:52	PB170218
72-20-8	Endrin	5.00		1	0.032	0.10	0.50	ug/L	10/22/25 18:52	PB170218
72-43-5	Methoxychlor	5.30		1	0.11	0.25	0.50	ug/L	10/22/25 18:52	PB170218
8001-35-2	Toxaphene	5.00	U	1	1.70	5.00	10.0	ug/L	10/22/25 18:52	PB170218
57-74-9	Chlordane	2.50	U	1	0.88	2.50	5.00	ug/L	10/22/25 18:52	PB170218
SURROGATES										
2051-24-3	Decachlorobiphenyl	20.7			30 - 135		104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.1			44 - 124		106%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Instrument ID: ECD_D
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Instrument ID: ECD_D
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD090650.D RT 075 = PD090651.D
RT 050 = PD090652.D RT 025 = PD090653.D RT 005 = PD090654.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 100 = PD090650.D CF 075 = PD090651.D
CF 050 = PD090652.D CF 025 = PD090653.D CF 005 = PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD090650.D **CF 075 =** PD090651.D
CF 050 = PD090652.D **CF 025 =** PD090653.D **CF 005 =** PD090654.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.71	4.61	4.81	185217000
		2	5.24	5.14	5.34	185731000
		3	5.94	5.84	6.04	758191000
		4	6.03	5.93	6.13	917583000
		5	6.87	6.77	6.97	148478000
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.90	3.80	4.00	1210370000
		2	4.48	4.38	4.58	1263780000
		3	5.12	5.02	5.22	3771830000
		4	5.18	5.08	5.28	3251870000
		5	6.08	5.98	6.18	1460510000
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.068	8.964	9.164	46.320	50.000	-7.4
Endrin	6.570	6.468	6.668	47.990	50.000	-4.0
gamma-BHC (Lindane)	4.326	4.225	4.425	47.990	50.000	-4.0
Heptachlor	4.924	4.823	5.023	57.070	50.000	14.1
Heptachlor epoxide	5.685	5.584	5.784	49.030	50.000	-1.9
Methoxychlor	7.490	7.388	7.588	49.890	50.000	-0.2
Tetrachloro-m-xylene	3.545	3.445	3.645	46.510	50.000	-7.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090755.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.962	8.162	54.910	50.000	9.8
Endrin	5.781	5.681	5.881	48.490	50.000	-3.0
gamma-BHC (Lindane)	3.722	3.623	3.823	49.500	50.000	-1.0
Heptachlor	4.074	3.975	4.175	49.470	50.000	-1.1
Heptachlor epoxide	4.864	4.764	4.964	47.790	50.000	-4.4
Methoxychlor	6.745	6.645	6.845	52.980	50.000	6.0
Tetrachloro-m-xylene	2.874	2.775	2.975	47.350	50.000	-5.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 17:17 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.964	9.164	44.170	50.000	-11.7
Endrin	6.569	6.468	6.668	46.250	50.000	-7.5
gamma-BHC (Lindane)	4.324	4.225	4.425	47.530	50.000	-4.9
Heptachlor	4.923	4.823	5.023	55.620	50.000	11.2
Heptachlor epoxide	5.685	5.584	5.784	46.870	50.000	-6.3
Methoxychlor	7.489	7.388	7.588	46.180	50.000	-7.6
Tetrachloro-m-xylene	3.544	3.445	3.645	46.320	50.000	-7.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090764.D **Time Analyzed:** 17:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.061	7.962	8.162	48.710	50.000	-2.6
Endrin	5.780	5.681	5.881	46.650	50.000	-6.7
gamma-BHC (Lindane)	3.722	3.623	3.823	48.880	50.000	-2.2
Heptachlor	4.074	3.975	4.175	48.710	50.000	-2.6
Heptachlor epoxide	4.864	4.764	4.964	46.510	50.000	-7.0
Methoxychlor	6.745	6.645	6.845	48.070	50.000	-3.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.070	50.000	-5.9

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/17/2025 10/17/2025

Continuing Calib Time: 19:19 **Initial Calibration Time(s):** 11:34 12:28

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.964	9.164	48.090	50.000	-3.8
Endrin	6.568	6.468	6.668	49.010	50.000	-2.0
gamma-BHC (Lindane)	4.324	4.225	4.425	49.170	50.000	-1.7
Heptachlor	4.923	4.823	5.023	57.890	50.000	15.8
Heptachlor epoxide	5.685	5.584	5.784	49.640	50.000	-0.7
Methoxychlor	7.489	7.388	7.588	49.960	50.000	-0.1
Tetrachloro-m-xylene	3.544	3.445	3.645	47.760	50.000	-4.5

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090773.D **Time Analyzed:** 19:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.061	7.962	8.162	55.760	50.000	11.5
Endrin	5.780	5.681	5.881	49.660	50.000	-0.7
gamma-BHC (Lindane)	3.722	3.623	3.823	50.230	50.000	0.5
Heptachlor	4.073	3.975	4.175	49.520	50.000	-1.0
Heptachlor epoxide	4.863	4.764	4.964	48.340	50.000	-3.3
Methoxychlor	6.744	6.645	6.845	53.040	50.000	6.1
Tetrachloro-m-xylene	2.874	2.775	2.975	48.360	50.000	-3.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D **Date Analyzed:** 10/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 11:07

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	22.040	20.000	10.2
Tetrachloro-m-xylene	3.544	3.490	3.590	20.920	20.000	4.6
alpha-BHC	3.994	3.940	4.040	8.790	10.000	-12.1
beta-BHC	4.513	4.460	4.560	10.210	10.000	2.1
gamma-BHC (Lindane)	4.325	4.270	4.380	9.200	10.000	-8.0
Endrin	6.570	6.500	6.640	48.180	50.000	-3.6
4,4'-DDT	7.018	6.950	7.090	100.910	100.000	0.9
Methoxychlor	7.491	7.420	7.560	235.430	250.000	-5.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090754.D **Date Analyzed:** 10/22/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.960	8.160	25.380	20.000	26.9
Tetrachloro-m-xylene	2.873	2.820	2.920	21.110	20.000	5.6
alpha-BHC	3.385	3.330	3.440	10.320	10.000	3.2
beta-BHC	4.017	3.970	4.070	10.570	10.000	5.7
gamma-BHC (Lindane)	3.721	3.670	3.770	10.640	10.000	6.4
Endrin	5.779	5.710	5.850	49.190	50.000	-1.6
4,4'-DDT	6.173	6.100	6.240	103.470	100.000	3.5
Methoxychlor	6.745	6.670	6.820	217.530	250.000	-13.0

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	9.08	3.55
PEM	PEM	10/22/2025	14:45	PD090754.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	9.07	3.55
COMP-ROLLOFF	Q3399-02	10/22/2025	15:54	PD090759.D	9.07	3.55
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	9.07	3.54
PB170218BL	PB170218BL	10/22/2025	17:30	PD090765.D	9.07	3.54
PB170218BS	PB170218BS	10/22/2025	17:44	PD090766.D	9.07	3.54
PB170172TB	PB170172TB	10/22/2025	17:58	PD090767.D	9.07	3.54
COMP-ROLLOFFMS	Q3399-02MS	10/22/2025	18:38	PD090770.D	9.07	3.55
COMP-ROLLOFFMSD	Q3399-02MSD	10/22/2025	18:52	PD090771.D	9.07	3.54
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	9.07	3.54

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/17/2025 10/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
I.BLK	I.BLK	10/22/2025	14:32	PD090753.D	8.06	2.87
PEM	PEM	10/22/2025	14:45	PD090754.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	14:59	PD090755.D	8.06	2.87
COMP-ROLLOFF	Q3399-02	10/22/2025	15:54	PD090759.D	8.06	2.87
I.BLK	I.BLK	10/22/2025	17:03	PD090763.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	17:17	PD090764.D	8.06	2.87
PB170218BL	PB170218BL	10/22/2025	17:30	PD090765.D	8.06	2.87
PB170218BS	PB170218BS	10/22/2025	17:44	PD090766.D	8.06	2.87
PB170172TB	PB170172TB	10/22/2025	17:58	PD090767.D	8.06	2.87
COMP-ROLLOFFMS	Q3399-02MS	10/22/2025	18:38	PD090770.D	8.06	2.87
COMP-ROLLOFFMSD	Q3399-02MSD	10/22/2025	18:52	PD090771.D	8.06	2.88
I.BLK	I.BLK	10/22/2025	19:06	PD090772.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/22/2025	19:19	PD090773.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-02MS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	5.20	3.8
	2	6.75	6.70	6.80	5.40	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.00	4.1
	2	3.72	3.67	3.77	4.80	
Heptachlor	1	4.92	4.87	4.97	5.90	18.5
	2	4.08	4.03	4.13	4.90	
Heptachlor epoxide	1	5.69	5.64	5.74	5.00	2
	2	4.86	4.81	4.91	4.90	
Endrin	1	6.57	6.52	6.62	5.10	2
	2	5.78	5.73	5.83	5.00	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3399-02MSD **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	5.20	1.9
	2	6.74	6.69	6.79	5.30	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.90	4.2
	2	3.72	3.67	3.77	4.70	
Heptachlor	1	4.92	4.87	4.97	5.80	18.9
	2	4.08	4.03	4.13	4.80	
Heptachlor epoxide	1	5.68	5.63	5.73	5.40	1.9
	2	4.86	4.81	4.91	5.30	
Endrin	1	6.57	6.52	6.62	5.00	0
	2	5.78	5.73	5.83	5.00	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170218BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170218BS **Date(s) Analyzed:** 10/22/2025 10/22/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	0.46	4.4
	2	6.75	6.70	6.80	0.48	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.44	1.5
	2	3.72	3.67	3.77	0.45	
Heptachlor	1	4.92	4.87	4.97	0.52	13.2
	2	4.07	4.02	4.12	0.46	
Heptachlor epoxide	1	5.69	5.64	5.74	0.45	0.2
	2	4.86	4.81	4.91	0.45	
Endrin	1	6.57	6.52	6.62	0.45	3.2
	2	5.78	5.73	5.83	0.46	

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	9.20	U	1	4.40	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
11104-28-2	Aroclor-1221	14.4	U	1	4.50	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11141-16-5	Aroclor-1232	9.20	U	1	4.10	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
53469-21-9	Aroclor-1242	9.20	U	1	4.50	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
12672-29-6	Aroclor-1248	14.4	U	1	6.60	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11097-69-1	Aroclor-1254	9.20	U	1	3.60	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
37324-23-5	Aroclor-1262	14.4	U	1	5.60	14.4	18.9	ug/kg	10/22/25 18:27	PB170204
11100-14-4	Aroclor-1268	9.20	U	1	4.00	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
11096-82-5	Aroclor-1260	9.20	U	1	3.60	9.20	18.9	ug/kg	10/22/25 18:27	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	22.5			44 - 130		113%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.0			60 - 125		90%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
I.BLK-PP075940.D	PIBLK-PP075940.D	Tetrachloro-m-xyl	1	20	19.8	99		60	140
		Decachlorobiphen	1	20	20.6	103		60	140
		Tetrachloro-m-xyl	2	20	17.2	86		60	140
		Decachlorobiphen	2	20	18.6	93		60	140
Q3399-01	COMP-ROLLOFF	Tetrachloro-m-xyl	1	20	22.4	112		44	130
		Decachlorobiphen	1	20	18.0	90		60	125
		Tetrachloro-m-xyl	2	20	22.5	113		44	130
		Decachlorobiphen	2	20	16.3	81		60	125
I.BLK-PP075954.D	PIBLK-PP075954.D	Tetrachloro-m-xyl	1	20	19.3	96		60	140
		Decachlorobiphen	1	20	21.3	107		60	140
		Tetrachloro-m-xyl	2	20	17.3	87		60	140
		Decachlorobiphen	2	20	19.5	98		60	140
PB170204BL	PB170204BL	Tetrachloro-m-xyl	1	20	23.3	116		44	130
		Decachlorobiphen	1	20	24.9	125		60	125
		Tetrachloro-m-xyl	2	20	21.1	105		44	130
		Decachlorobiphen	2	20	23.0	115		60	125
PB170204BS	PB170204BS	Tetrachloro-m-xyl	1	20	24.0	120		44	130
		Decachlorobiphen	1	20	24.8	124		60	125
		Tetrachloro-m-xyl	2	20	21.8	109		44	130
		Decachlorobiphen	2	20	23.1	116		60	125
Q3416-01MS	NB-08-10212025MS	Tetrachloro-m-xyl	1	20	20.2	101		44	130
		Decachlorobiphen	1	20	24.1	120		60	125
		Tetrachloro-m-xyl	2	20	22.9	115		44	130
		Decachlorobiphen	2	20	18.1	91		60	125
Q3416-01MSD	NB-08-10212025MSD	Tetrachloro-m-xyl	1	20	19.6	98		44	130
		Decachlorobiphen	1	20	22.6	113		60	125
		Tetrachloro-m-xyl	2	20	21.3	106		44	130
		Decachlorobiphen	2	20	16.7	84		60	125
I.BLK-PP075964.D	PIBLK-PP075964.D	Tetrachloro-m-xyl	1	20	19.5	97		60	140
		Decachlorobiphen	1	20	20.8	104		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	16.6	83		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8082A

Client: ICE Service Group, Inc. **DataFile :** PP075958.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3416-01MS (Column 1)**	**Client Sample ID:**		**NB-08-10212025MS**								
	AR1016	177.2	0	141	ug/kg	80				47	134	
	AR1260	177.2	0	151	ug/kg	85				53	140	
Lab Sample ID:	**Q3416-01MS (Column 2)**	**Client Sample ID:**		**NB-08-10212025MS**								
	AR1016	177.2	0	139	ug/kg	78				47	134	
	AR1260	177.2	0	121	ug/kg	68				53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8082A

Client: ICE Service Group, Inc. **DataFile :** PP075959.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3416-01MSD (Column 1)**	**Client Sample ID:**		**NB-08-10212025MSD**								
	AR1016	177.3	0	137	ug/kg	77		4		47	134	20
	AR1260	177.3	0	143	ug/kg	81		5		53	140	20
Lab Sample ID:	**Q3416-01MSD (Column 2)**	**Client Sample ID:**		**NB-08-10212025MSD**								
	AR1016	177.3	0	132	ug/kg	74		5		47	134	20
	AR1260	177.3	0	117	ug/kg	66		3		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8082A

Client: ICE Service Group, Inc. **Datafile :** PP075956.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170204BS (Column 1)	AR1016	166.6	185	ug/kg	111				47	134	
	AR1260	166.6	193	ug/kg	116				53	140	
PB170204BS (Column 2)	AR1016	166.6	176	ug/kg	106				47	134	
	AR1260	166.6	203	ug/kg	122				53	140	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170204BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170204BL | Lab File ID: PP075955.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/22/2025 | Date Analyzed (2): 10/22/2025

Time Analyzed (1): 21:26 | Time Analyzed (2): 21:26

Instrument ID (1): ECD_P | Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-ROLLOFF	Q3399-01	PP075949.D	10/22/2025	10/22/2025
PB170204BS	PB170204BS	PP075956.D	10/22/2025	10/22/2025
NB-08-10212025MS	Q3416-01MS	PP075958.D	10/22/2025	10/22/2025
NB-08-10212025MSD	Q3416-01MSD	PP075959.D	10/22/2025	10/22/2025

COMMENTS:

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1016-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1016-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1016-5	(5)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-1	(1)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1260-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1260-5	(5)	8.56	8.55	8.55	8.55	8.56	8.55	8.45	8.65
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.64	4.65	4.65	4.64	4.54	4.74
Aroclor-1242-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1242-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1242-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1242-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1248-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-2	(2)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1248-3	(3)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1248-4	(4)	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Aroclor-1248-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.43	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1254-1	(1)	6.65	6.65	6.65	6.65	6.64	6.65	6.55	6.75
Aroclor-1254-2	(2)	6.86	6.86	6.87	6.86	6.86	6.86	6.76	6.96
Aroclor-1254-3	(3)	7.23	7.23	7.23	7.23	7.22	7.23	7.13	7.33
Aroclor-1254-4	(4)	7.51	7.51	7.51	7.51	7.50	7.51	7.41	7.61
Aroclor-1254-5	(5)	7.93	7.92	7.93	7.93	7.92	7.92	7.82	8.02
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.64	4.65	4.55	4.75
Aroclor-1268-1	(1)	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Aroclor-1268-2	(2)	8.97	8.97	8.97	8.98	8.97	8.97	8.87	9.07
Aroclor-1268-3	(3)	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Aroclor-1268-4	(4)	9.64	9.64	9.64	9.64	9.64	9.64	9.54	9.74
Aroclor-1268-5	(5)	10.07	10.07	10.07	10.07	10.07	10.07	9.97	10.17

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.06	5.06	5.05	5.06	5.05	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.10	5.10	5.10	5.10	5.09	5.10	5.00	5.20
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.05	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.87	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.73	5.71	5.61	5.81
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.43	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.79	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110	6
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116	6
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031	7
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205	6
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524	8
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615	5
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296	8
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560	5
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380	9
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611	4
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695	5
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137	5
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748	6
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740	7
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785	12
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341	6
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945	11
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745	7
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465	3
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598	6
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400	6
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741	9
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155	7
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627	8
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045	5
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223	5
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461	16
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249	12
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759	12
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783	15
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767	5
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902	9
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843	5
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376	9

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075888.D CF 750 = PP075889.D
CF 500 = PP075890.D CF 250 = PP075891.D CF 050 = PP075892.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032	3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349	10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495	9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573	10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946	8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124	3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542	6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875	11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527	14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685	15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930	3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597	7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766	3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297	4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713	5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163	15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529	6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603	2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905	8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158	4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901	5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780	9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351	4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822	12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646	9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747	13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998	11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762	12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842	8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496	12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375	6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846	3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007	4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:56 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	-0.01
Decachlorobiphenyl		10.43	10.42	10.32	10.52	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:56 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.79	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075936.D **Time Analyzed:** 14:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.799	5.695	5.895	470.840	500.000	-5.8
Aroclor-1016-2	5.821	5.717	5.917	474.670	500.000	-5.1
Aroclor-1016-3	5.883	5.780	5.980	473.780	500.000	-5.2
Aroclor-1016-4	5.980	5.877	6.077	476.450	500.000	-4.7
Aroclor-1016-5	6.273	6.169	6.369	466.280	500.000	-6.7
Aroclor-1260-1	7.391	7.287	7.487	500.580	500.000	0.1
Aroclor-1260-2	7.644	7.540	7.740	474.300	500.000	-5.1
Aroclor-1260-3	8.002	7.899	8.099	487.640	500.000	-2.5
Aroclor-1260-4	8.231	8.127	8.327	528.640	500.000	5.7
Aroclor-1260-5	8.556	8.452	8.652	487.680	500.000	-2.5
Decachlorobiphenyl	10.425	10.319	10.519	48.820	50.000	-2.4
Tetrachloro-m-xylene	4.646	4.542	4.742	46.990	50.000	-6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075936.D **Time Analyzed:** 14:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.879	4.778	4.978	528.020	500.000	5.6
Aroclor-1016-2	4.937	4.836	5.036	553.110	500.000	10.6
Aroclor-1016-3	5.057	4.954	5.154	499.640	500.000	-0.1
Aroclor-1016-4	5.098	4.996	5.196	547.630	500.000	9.5
Aroclor-1016-5	5.312	5.210	5.410	513.760	500.000	2.8
Aroclor-1260-1	6.339	6.238	6.438	507.530	500.000	1.5
Aroclor-1260-2	6.527	6.425	6.625	510.050	500.000	2.0
Aroclor-1260-3	6.680	6.578	6.778	527.650	500.000	5.5
Aroclor-1260-4	7.149	7.047	7.247	521.350	500.000	4.3
Aroclor-1260-5	7.390	7.287	7.487	505.960	500.000	1.2
Decachlorobiphenyl	8.785	8.682	8.882	46.960	50.000	-6.1
Tetrachloro-m-xylene	3.784	3.681	3.881	49.710	50.000	-0.6

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:33 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.56	8.55	8.45	8.65	-0.01
Tetrachloro-m-xylene		4.65	4.64	4.54	4.74	-0.01
Decachlorobiphenyl		10.43	10.42	10.32	10.52	-0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:33 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075950.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.800	5.695	5.895	488.030	500.000	-2.4
Aroclor-1016-2	5.821	5.717	5.917	491.100	500.000	-1.8
Aroclor-1016-3	5.884	5.780	5.980	491.820	500.000	-1.6
Aroclor-1016-4	5.981	5.877	6.077	496.440	500.000	-0.7
Aroclor-1016-5	6.274	6.169	6.369	487.670	500.000	-2.5
Aroclor-1260-1	7.392	7.287	7.487	525.000	500.000	5.0
Aroclor-1260-2	7.644	7.540	7.740	492.510	500.000	-1.5
Aroclor-1260-3	8.002	7.899	8.099	511.510	500.000	2.3
Aroclor-1260-4	8.231	8.127	8.327	553.360	500.000	10.7
Aroclor-1260-5	8.556	8.452	8.652	504.440	500.000	0.9
Decachlorobiphenyl	10.425	10.319	10.519	50.330	50.000	0.7
Tetrachloro-m-xylene	4.647	4.542	4.742	48.150	50.000	-3.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075950.D **Time Analyzed:** 19:33

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.880	4.778	4.978	541.730	500.000	8.3
Aroclor-1016-2	4.939	4.836	5.036	554.500	500.000	10.9
Aroclor-1016-3	5.058	4.954	5.154	528.400	500.000	5.7
Aroclor-1016-4	5.099	4.996	5.196	555.970	500.000	11.2
Aroclor-1016-5	5.312	5.210	5.410	511.680	500.000	2.3
Aroclor-1260-1	6.340	6.238	6.438	521.230	500.000	4.2
Aroclor-1260-2	6.527	6.425	6.625	540.440	500.000	8.1
Aroclor-1260-3	6.680	6.578	6.778	546.110	500.000	9.2
Aroclor-1260-4	7.150	7.047	7.247	577.530	500.000	15.5
Aroclor-1260-5	7.389	7.287	7.487	556.220	500.000	11.2
Decachlorobiphenyl	8.784	8.682	8.882	48.760	50.000	-2.5
Tetrachloro-m-xylene	3.784	3.681	3.881	51.410	50.000	2.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 23:37 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.23	8.23	8.13	8.33	0.00
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.42	10.42	10.32	10.52	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/22/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 23:37 **Initial Calibration Time(s):** 09:06 17:01

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	-0.01
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.53	6.53	6.43	6.63	0.00
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.00
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075960.D **Time Analyzed:** 23:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.797	5.695	5.895	479.930	500.000	-4.0
Aroclor-1016-2	5.818	5.717	5.917	473.690	500.000	-5.3
Aroclor-1016-3	5.881	5.780	5.980	479.690	500.000	-4.1
Aroclor-1016-4	5.978	5.877	6.077	484.760	500.000	-3.0
Aroclor-1016-5	6.270	6.169	6.369	460.940	500.000	-7.8
Aroclor-1260-1	7.388	7.287	7.487	500.800	500.000	0.2
Aroclor-1260-2	7.641	7.540	7.740	467.710	500.000	-6.5
Aroclor-1260-3	8.000	7.899	8.099	485.880	500.000	-2.8
Aroclor-1260-4	8.227	8.127	8.327	517.750	500.000	3.6
Aroclor-1260-5	8.553	8.452	8.652	475.440	500.000	-4.9
Decachlorobiphenyl	10.418	10.319	10.519	48.370	50.000	-3.3
Tetrachloro-m-xylene	4.644	4.542	4.742	47.950	50.000	-4.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP075960.D **Time Analyzed:** 23:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.879	4.778	4.978	548.720	500.000	9.7
Aroclor-1016-2	4.936	4.836	5.036	627.760	500.000	25.6
Aroclor-1016-3	5.056	4.954	5.154	557.340	500.000	11.5
Aroclor-1016-4	5.097	4.996	5.196	578.510	500.000	15.7
Aroclor-1016-5	5.311	5.210	5.410	499.120	500.000	-0.2
Aroclor-1260-1	6.338	6.238	6.438	435.450	500.000	-12.9
Aroclor-1260-2	6.525	6.425	6.625	459.310	500.000	-8.1
Aroclor-1260-3	6.678	6.578	6.778	488.450	500.000	-2.3
Aroclor-1260-4	7.147	7.047	7.247	477.190	500.000	-4.6
Aroclor-1260-5	7.387	7.287	7.487	451.150	500.000	-9.8
Decachlorobiphenyl	8.782	8.682	8.882	42.880	50.000	-14.2
Tetrachloro-m-xylene	3.783	3.681	3.881	54.340	50.000	8.7

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	14:56	PP075936.D	10.43	4.65
I.BLK	I.BLK	10/22/2025	16:01	PP075940.D	10.43	4.65
COMP-ROLLOFF	Q3399-01	10/22/2025	18:27	PP075949.D	10.43	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	19:33	PP075950.D	10.43	4.65
I.BLK	I.BLK	10/22/2025	21:10	PP075954.D	10.42	4.64
PB170204BL	PB170204BL	10/22/2025	21:26	PP075955.D	10.42	4.64
PB170204BS	PB170204BS	10/22/2025	21:43	PP075956.D	10.42	4.65
NB-08-10212025MS	Q3416-01MS	10/22/2025	22:15	PP075958.D	10.42	4.64
NB-08-10212025MSD	Q3416-01MSD	10/22/2025	22:31	PP075959.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/22/2025	23:37	PP075960.D	10.42	4.64
I.BLK	I.BLK	10/23/2025	01:14	PP075964.D	10.42	4.64

Alliance TECHNICAL GROUP
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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/22/2025	14:56	PP075936.D	8.79	3.78
I.BLK	I.BLK	10/22/2025	16:01	PP075940.D	8.79	3.78
COMP-ROLLOFF	Q3399-01	10/22/2025	18:27	PP075949.D	8.79	3.78
AR1660CCC500	AR1660CCC500	10/22/2025	19:33	PP075950.D	8.78	3.78
I.BLK	I.BLK	10/22/2025	21:10	PP075954.D	8.78	3.78
PB170204BL	PB170204BL	10/22/2025	21:26	PP075955.D	8.78	3.78
PB170204BS	PB170204BS	10/22/2025	21:43	PP075956.D	8.78	3.78
NB-08-10212025MS	Q3416-01MS	10/22/2025	22:15	PP075958.D	8.78	3.79
NB-08-10212025MSD	Q3416-01MSD	10/22/2025	22:31	PP075959.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/22/2025	23:37	PP075960.D	8.78	3.78
I.BLK	I.BLK	10/23/2025	01:14	PP075964.D	8.78	3.78

QC SAMPLE DATA

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170204BL	SDG No.:	Q3399
Lab Sample ID:	PB170204BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	8.30	U	1	3.90	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
11104-28-2	Aroclor-1221	13.0	U	1	4.00	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11141-16-5	Aroclor-1232	8.30	U	1	3.70	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
53469-21-9	Aroclor-1242	8.30	U	1	4.00	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
12672-29-6	Aroclor-1248	13.0	U	1	5.90	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11097-69-1	Aroclor-1254	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
37324-23-5	Aroclor-1262	13.0	U	1	5.00	13.0	17.0	ug/kg	10/22/25 21:26	PB170204
11100-14-4	Aroclor-1268	8.30	U	1	3.60	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
11096-82-5	Aroclor-1260	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:26	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	23.3			44 - 130		116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.9			60 - 125		125%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/21/25	PP102125
SURROGATES										
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140		94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			60 - 140		96%	SPK: 20		

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LOD = Limit of Detection
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PP075940.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075940.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/22/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/22/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/22/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/22/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/22/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/22/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/22/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.2			60 - 140		86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.6			60 - 140		93%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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LOD = Limit of Detection
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M = MS/MSD acceptance criteria did not meet requirements

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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-PP075954.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075954.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/22/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/22/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/22/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/22/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/22/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/22/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/22/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/22/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/22/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.3			60 - 140		87%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.5			60 - 140		98%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PP075964.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PP075964.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	0.25	U	1	0.097	0.25	0.50	ug/L	10/23/25	pp102225
11104-28-2	Aroclor-1221	0.40	U	1	0.13	0.40	0.50	ug/L	10/23/25	pp102225
11141-16-5	Aroclor-1232	0.25	U	1	0.096	0.25	0.50	ug/L	10/23/25	pp102225
53469-21-9	Aroclor-1242	0.25	U	1	0.12	0.25	0.50	ug/L	10/23/25	pp102225
12672-29-6	Aroclor-1248	0.25	U	1	0.071	0.25	0.50	ug/L	10/23/25	pp102225
11097-69-1	Aroclor-1254	0.25	U	1	0.094	0.25	0.50	ug/L	10/23/25	pp102225
11096-82-5	Aroclor-1260	0.25	U	1	0.081	0.25	0.50	ug/L	10/23/25	pp102225
37324-23-5	Aroclor-1262	0.40	U	1	0.14	0.40	0.50	ug/L	10/23/25	pp102225
11100-14-4	Aroclor-1268	0.25	U	1	0.11	0.25	0.50	ug/L	10/23/25	pp102225
SURROGATES										
877-09-8	Tetrachloro-m-xylene	17.9			60 - 140		90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.6			60 - 140		83%	SPK: 20		

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170204BS	SDG No.:	Q3399
Lab Sample ID:	PB170204BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	185		1	3.90	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
11104-28-2	Aroclor-1221	13.0	U	1	4.00	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11141-16-5	Aroclor-1232	8.30	U	1	3.70	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
53469-21-9	Aroclor-1242	8.30	U	1	4.00	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
12672-29-6	Aroclor-1248	13.0	U	1	5.90	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11097-69-1	Aroclor-1254	8.30	U	1	3.20	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
37324-23-5	Aroclor-1262	13.0	U	1	5.00	13.0	17.0	ug/kg	10/22/25 21:43	PB170204
11100-14-4	Aroclor-1268	8.30	U	1	3.60	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
11096-82-5	Aroclor-1260	203		1	3.20	8.30	17.0	ug/kg	10/22/25 21:43	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	24.0			44 - 130		120%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.8			60 - 125		124%	SPK: 20		

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	NB-08-10212025MS	SDG No.:	Q3399
Lab Sample ID:	Q3416-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.8
Sample Wt/Vol:	30.08 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	141		1	4.20	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
11104-28-2	Aroclor-1221	13.8	U	1	4.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11141-16-5	Aroclor-1232	8.80	U	1	4.00	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
53469-21-9	Aroclor-1242	8.80	U	1	4.30	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
12672-29-6	Aroclor-1248	13.8	U	1	6.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11097-69-1	Aroclor-1254	8.80	U	1	3.40	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
37324-23-5	Aroclor-1262	13.8	U	1	5.30	13.8	18.1	ug/kg	10/22/25 22:15	PB170204
11100-14-4	Aroclor-1268	8.80	U	1	3.80	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
11096-82-5	Aroclor-1260	151		1	3.40	8.80	18.1	ug/kg	10/22/25 22:15	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	22.9			44 - 130		115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.1			60 - 125		120%	SPK: 20		

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() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/21/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	NB-08-10212025MSD	SDG No.:	Q3399
Lab Sample ID:	Q3416-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.8
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
12674-11-2	Aroclor-1016	137		1	4.20	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
11104-28-2	Aroclor-1221	13.8	U	1	4.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11141-16-5	Aroclor-1232	8.80	U	1	4.00	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
53469-21-9	Aroclor-1242	8.80	U	1	4.30	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
12672-29-6	Aroclor-1248	13.8	U	1	6.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11097-69-1	Aroclor-1254	8.80	U	1	3.40	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
37324-23-5	Aroclor-1262	13.8	U	1	5.30	13.8	18.1	ug/kg	10/22/25 22:31	PB170204
11100-14-4	Aroclor-1268	8.80	U	1	3.80	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
11096-82-5	Aroclor-1260	143		1	3.40	8.80	18.1	ug/kg	10/22/25 22:31	PB170204
SURROGATES										
877-09-8	Tetrachloro-m-xylene	21.3			44 - 130		106%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.6			60 - 125		113%	SPK: 20		

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() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	36.6	U	1	8.60	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
120-36-5	DICHLORPROP	36.6	U	1	14.2	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
94-75-7	2,4-D	36.6	U	1	10.0	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
93-72-1	2,4,5-TP (Silvex)	36.6	U	1	10.1	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
93-76-5	2,4,5-T	36.6	U	1	9.70	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
94-82-6	2,4-DB	36.6	U	1	26.9	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
88-85-7	DINOSEB	36.6	U	1	12.0	36.6	74.4	ug/Kg	10/23/25 11:20	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	229			27 - 122		46%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031982.D	PIBLK-PS031982.D	2,4-DCAA	1	500	308	62		32	138
		2,4-DCAA	2	500	407	81		32	138
I.BLK-PS032131.D	PIBLK-PS032131.D	2,4-DCAA	1	500	407	81		32	138
		2,4-DCAA	2	500	504	101		32	138
Q3399-01	COMP-ROLLOFF	2,4-DCAA	1	500	229	46		27	122
		2,4-DCAA	2	500	228	46		27	122
PB170221BL	PB170221BL	2,4-DCAA	1	500	345	69		27	122
		2,4-DCAA	2	500	488	98		27	122
PB170221BS	PB170221BS	2,4-DCAA	1	500	516	103		27	122
		2,4-DCAA	2	500	508	102		27	122
I.BLK-PS032143.D	PIBLK-PS032143.D	2,4-DCAA	1	500	416	83		32	138
		2,4-DCAA	2	500	506	101		32	138
I.BLK-PS032153.D	PIBLK-PS032153.D	2,4-DCAA	1	500	391	78		32	138
		2,4-DCAA	2	500	530	106		32	138
Q3412-01MS	TP-6MS	2,4-DCAA	1	500	164	33		27	122
		2,4-DCAA	2	500	200	40		27	122
Q3412-01MSD	TP-6MSD	2,4-DCAA	1	500	196	39		27	122
		2,4-DCAA	2	500	189	38		27	122
I.BLK-PS032159.D	PIBLK-PS032159.D	2,4-DCAA	1	500	396	79		32	138
		2,4-DCAA	2	500	521	104		32	138

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032155.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MS (Column 1)**	**Client Sample ID:**		**TP-6MS**								
	DICAMBA	185.7	0	27.5	ug/Kg	15	*			38	132	
	DICHLORPROP	185.7	0	25.5	ug/Kg	14	*			28	155	
	2,4-D	185.7	0	200	ug/Kg	108				28	144	
	2,4,5-TP(Silvex)	185.7	0	18.0	ug/Kg	10	*			43	129	
	2,4,5-T	185.7	0	21.3	ug/Kg	11	*			31	138	
	2,4-DB	185.7	0	0	ug/Kg	0	*			34	142	
	Dinoseb	185.7	0	0	ug/Kg	0	*			57	152	
Lab Sample ID:	**Q3412-01MS (Column 2)**	**Client Sample ID:**		**TP-6MS**								
	DICAMBA	185.7	0	33.6	ug/Kg	18	*			38	132	
	DICHLORPROP	185.7	0	17.9	ug/Kg	10	*			28	155	
	2,4-D	185.7	0	23.6	ug/Kg	13				28	144	
	2,4,5-TP(Silvex)	185.7	0	44.5	ug/Kg	24	*			43	129	
	2,4,5-T	185.7	0	25.6	ug/Kg	14	*			31	138	
	2,4-DB	185.7	0	0	ug/Kg	0	*			34	142	
	Dinoseb	185.7	0	0	ug/Kg	0	*			57	152	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032156.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MSD (Column 1)**	**Client Sample ID:**		**TP-6MSD**								
	DICAMBA	185.6	0	27.4	ug/Kg	15	*	0		38	132	20
	DICHLORPROP	185.6	0	27.2	ug/Kg	15	*	7		28	155	20
	2,4-D	185.6	0	200	ug/Kg	108		0		28	144	20
	2,4,5-TP(Silvex)	185.6	0	18.0	ug/Kg	10	*	0		43	129	20
	2,4,5-T	185.6	0	20.9	ug/Kg	11	*	0		31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*	0		34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*	0		57	152	20
Lab Sample ID:	**Q3412-01MSD (Column 2)**	**Client Sample ID:**		**TP-6MSD**								
	DICAMBA	185.6	0	32.5	ug/Kg	18	*	0		38	132	20
	DICHLORPROP	185.6	0	20.0	ug/Kg	11	*	10		28	155	20
	2,4-D	185.6	0	26.1	ug/Kg	14		7		28	144	20
	2,4,5-TP(Silvex)	185.6	0	45.4	ug/Kg	24	*	0		43	129	20
	2,4,5-T	185.6	0	26.3	ug/Kg	14	*	0		31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*	0		34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*	0		57	152	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032157.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MSRE (Column 1)**	**Client Sample ID:**		**TP-6MSRE**								
	DICAMBA	185.6	0	27.2	ug/Kg	15	*			38	132	
	DICHLORPROP	185.6	0	27.3	ug/Kg	15	*			28	155	
	2,4-D	185.6	0	202	ug/Kg	109				28	144	
	2,4,5-TP(Silvex)	185.6	0	17.9	ug/Kg	10	*			43	129	
	2,4,5-T	185.6	0	20.8	ug/Kg	11	*			31	138	
	2,4-DB	185.6	0	0	ug/Kg	0	*			34	142	
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	
Lab Sample ID:	**Q3412-01MSRE (Column 2)**	**Client Sample ID:**		**TP-6MSRE**								
	DICAMBA	185.6	0	32.3	ug/Kg	17	*			38	132	
	DICHLORPROP	185.6	0	21.2	ug/Kg	11	*			28	155	
	2,4-D	185.6	0	23.8	ug/Kg	13				28	144	
	2,4,5-TP(Silvex)	185.6	0	45.6	ug/Kg	25	*			43	129	
	2,4,5-T	185.6	0	26.6	ug/Kg	14	*			31	138	
	2,4-DB	185.6	0	30.6	ug/Kg	16	*			34	142	
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032158.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3412-01MSDRE (Column 1)**	**Client Sample ID:**		**TP-6MSDRE**								
	DICAMBA	185.6	0	27.1	ug/Kg	15	*			38	132	20
	DICHLORPROP	185.6	0	27.6	ug/Kg	15	*			28	155	20
	2,4-D	185.6	0	204	ug/Kg	110				28	144	20
	2,4,5-TP(Silvex)	185.6	0	18.1	ug/Kg	10	*			43	129	20
	2,4,5-T	185.6	0	21.0	ug/Kg	11	*			31	138	20
	2,4-DB	185.6	0	0	ug/Kg	0	*			34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	20
Lab Sample ID:	**Q3412-01MSDRE (Column 2)**	**Client Sample ID:**		**TP-6MSDRE**								
	DICAMBA	185.6	0	32.4	ug/Kg	17	*			38	132	20
	DICHLORPROP	185.6	0	22.1	ug/Kg	12	*			28	155	20
	2,4-D	185.6	0	24.3	ug/Kg	13				28	144	20
	2,4,5-TP(Silvex)	185.6	0	46.3	ug/Kg	25	*			43	129	20
	2,4,5-T	185.6	0	26.9	ug/Kg	14	*			31	138	20
	2,4-DB	185.6	0	31.0	ug/Kg	17	*			34	142	20
	Dinoseb	185.6	0	0	ug/Kg	0	*			57	152	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **Datafile :** PS032139.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170221BS (Column 1)	DICAMBA	166.5	167	ug/Kg	100				38	132	
	DICHLORPROP	166.5	158	ug/Kg	95				28	155	
	2,4-D	166.5	164	ug/Kg	98				28	144	
	2,4,5-TP(Silvex)	166.5	161	ug/Kg	97				43	129	
	2,4,5-T	166.5	164	ug/Kg	98				31	138	
	2,4-DB	166.5	164	ug/Kg	98				34	142	
	Dinoseb	166.5	153	ug/Kg	92				57	152	
PB170221BS (Column 2)	DICAMBA	166.5	155	ug/Kg	93				38	132	
	DICHLORPROP	166.5	154	ug/Kg	92				28	155	
	2,4-D	166.5	151	ug/Kg	91				28	144	
	2,4,5-TP(Silvex)	166.5	158	ug/Kg	95				43	129	
	2,4,5-T	166.5	157	ug/Kg	94				31	138	
	2,4-DB	166.5	144	ug/Kg	86				34	142	
	Dinoseb	166.5	149	ug/Kg	89				57	152	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170221BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170221BL | Lab File ID: PS032138.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/23/2025 | Date Analyzed (2): 10/23/2025

Time Analyzed (1): 12:33 | Time Analyzed (2): 12:33

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
COMP-ROLLOFF	Q3399-01	PS032135.D	10/23/2025	10/23/2025
PB170221BS	PB170221BS	PS032139.D	10/23/2025	10/23/2025
TP-6MS	Q3412-01MS	PS032155.D	10/24/2025	10/24/2025
TP-6MSD	Q3412-01MSD	PS032156.D	10/24/2025	10/24/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170221BL	SDG No.:	Q3399
Lab Sample ID:	PB170221BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	33.0	U	1	7.70	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
120-36-5	DICHLORPROP	33.0	U	1	12.8	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
94-75-7	2,4-D	33.0	U	1	9.00	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
93-72-1	2,4,5-TP (Silvex)	33.0	U	1	9.10	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
93-76-5	2,4,5-T	33.0	U	1	8.70	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
94-82-6	2,4-DB	33.0	U	1	24.2	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
88-85-7	DINOSEB	33.0	U	1	10.8	33.0	67.0	ug/Kg	10/23/25 12:33	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	488			27 - 122		98%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/13/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/13/25
Client Sample ID:	PIBLK-PS031982.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS031982.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/13/25	PS101325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/13/25	PS101325
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/13/25	PS101325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/13/25	PS101325
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/13/25	PS101325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/13/25	PS101325
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/13/25	PS101325
SURROGATES										
19719-28-9	2,4-DCAA	407			32 - 138		81%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032131.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032131.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/23/25	PS102325
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/23/25	PS102325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	504			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032143.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032143.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/23/25	PS102325
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/23/25	PS102325
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/23/25	PS102325
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	506			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032153.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032153.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/24/25	pS102425
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/24/25	pS102425
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	530			32 - 138		106%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032159.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032159.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	SW3510C Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
120-36-5	DICHLORPROP	1.50	U	1	0.76	1.50	2.00	ug/L	10/24/25	pS102425
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
93-76-5	2,4,5-T	1.50	U	1	0.71	1.50	2.00	ug/L	10/24/25	pS102425
94-82-6	2,4-DB	1.50	U	1	0.65	1.50	2.00	ug/L	10/24/25	pS102425
88-85-7	DINOSEB	1.50	U	1	0.89	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	521			32 - 138		104%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170221BS	SDG No.:	Q3399
Lab Sample ID:	PB170221BS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	167		1	7.70	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
120-36-5	DICHLORPROP	158		1	12.8	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
94-75-7	2,4-D	164		1	9.00	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
93-72-1	2,4,5-TP (Silvex)	161		1	9.10	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
93-76-5	2,4,5-T	164		1	8.70	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
94-82-6	2,4-DB	164		1	24.2	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
88-85-7	DINOSEB	153		1	10.8	33.0	66.9	ug/Kg	10/23/25 12:58	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	516			27 - 122		103%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	TP-6MS	SDG No.:	Q3399
Lab Sample ID:	Q3412-01MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	89.7
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: Herbicide
Prep Method:	8151A	Prep Date 10/22/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	33.6	J	1	8.60	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
120-36-5	DICHLORPROP	25.5	J	1	14.3	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
94-75-7	2,4-D	200	P	1	10.1	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
93-72-1	2,4,5-TP (Silvex)	44.5	JP	1	10.1	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
93-76-5	2,4,5-T	25.6	J	1	9.70	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
94-82-6	2,4-DB	36.8	U	1	27.0	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
88-85-7	DINOSEB	36.8	U	1	12.0	36.8	74.6	ug/Kg	10/24/25 15:50	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	200			27 - 122		40%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/21/25
Client Sample ID:	TP-6MSD	SDG No.:	Q3399
Lab Sample ID:	Q3412-01MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	89.7
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
1918-00-9	DICAMBA	32.5	J	1	8.60	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
120-36-5	DICHLORPROP	27.2	J	1	14.3	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
94-75-7	2,4-D	200	P	1	10.1	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
93-72-1	2,4,5-TP (Silvex)	45.4	JP	1	10.1	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
93-76-5	2,4,5-T	26.3	J	1	9.70	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
94-82-6	2,4-DB	36.7	U	1	26.9	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
88-85-7	DINOSEB	36.7	U	1	12.0	36.7	74.6	ug/Kg	10/24/25 16:14	PB170221
SURROGATES										
19719-28-9	2,4-DCAA	196			27 - 122		39%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	9.59	9.58	9.58	9.58	9.57	9.58	9.48	9.68
2,4,5-TP(Silvex)	9.29	9.28	9.28	9.28	9.28	9.28	9.18	9.38
2,4-D	8.43	8.42	8.41	8.41	8.41	8.41	8.31	8.51
2,4-DB	10.17	10.16	10.15	10.15	10.15	10.16	10.06	10.26
2,4-DCAA	7.29	7.28	7.28	7.28	7.28	7.28	7.18	7.38
DICAMBA	7.47	7.47	7.46	7.46	7.46	7.46	7.36	7.56
DICHLORPROP	8.18	8.17	8.17	8.17	8.17	8.17	8.07	8.27
Dinoseb	11.35	11.35	11.35	11.35	11.35	11.35	11.25	11.45

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-T	10.34	10.33	10.32	10.32	10.32	10.32	10.22	10.42
2,4,5-TP(Silvex)	9.90	9.89	9.89	9.89	9.89	9.89	9.79	9.99
2,4-D	9.02	9.01	9.00	9.00	9.00	9.01	8.91	9.11
2,4-DB	10.91	10.89	10.89	10.89	10.89	10.89	10.79	10.99
2,4-DCAA	7.76	7.75	7.74	7.74	7.74	7.75	7.65	7.85
DICAMBA	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
DICHLORPROP	8.67	8.66	8.66	8.66	8.66	8.66	8.56	8.76
Dinoseb	11.27	11.27	11.26	11.26	11.26	11.26	11.16	11.36

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_S **Calibration Date(s):** 10/13/2025 10/13/2025

Calibration Times: 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031983.D CF 500 = PS031984.D

CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	27134500000	25593200000	26050400000	24405600000	23037600000	25244300000	6
2,4,5-TP(Silvex)	33202700000	28816500000	28438300000	26226900000	24525800000	28242000000	12
2,4-D	5487130000	4996420000	4918990000	4560930000	4315910000	4855870000	9
2,4-DB	2819950000	3011240000	3227170000	3188540000	3254670000	3100320000	6
2,4-DCAA	5590070000	4810210000	4780360000	4442800000	4211740000	4767030000	11
DICAMBA	24008900000	21120500000	21160300000	19699200000	18722800000	20942400000	10
DICHLORPROP	5759330000	4770830000	4696080000	4361250000	4183250000	4754150000	13
Dinoseb	27352300000	22713200000	22008900000	20350800000	19079100000	22300900000	14

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Instrument ID: ECD_S **Calibration Date(s):** 10/13/2025 10/13/2025

Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 200 =** PS031983.D **CF 500 =** PS031984.D

CF 750 = PS031985.D **CF 1000 =** PS031986.D **CF 1500 =** PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	17213000000	17169300000	17878100000	17051600000	16411300000	17144700000	3
2,4,5-TP(Silvex)	22626700000	20334000000	20451600000	19038400000	17923600000	20074900000	9
2,4-D	2294360000	2013000000	2101790000	2016570000	1965760000	2078300000	6
2,4-DB	1261010000	1198570000	1380760000	1303330000	1316780000	1292090000	5
2,4-DCAA	1091580000	1077760000	1141380000	1095020000	1095970000	1100340000	2
DICAMBA	9416080000	8584330000	8843470000	8348740000	8111820000	8660890000	6
DICHLORPROP	2249760000	1957040000	1967290000	1844370000	1772840000	1958260000	9
Dinoseb	16843100000	15214500000	15354400000	14560900000	14042400000	15203100000	7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.576	9.478	9.678	799.240	712.500	12.2
2,4,5-TP(Silvex)	9.276	9.180	9.380	768.020	712.500	7.8
2,4-D	8.409	8.312	8.512	751.270	705.000	6.6
2,4-DB	10.152	10.054	10.254	722.460	712.500	1.4
2,4-DCAA	7.280	7.182	7.382	810.260	750.000	8.0
DICAMBA	7.462	7.364	7.564	779.910	705.000	10.6
DICHLORPROP	8.170	8.073	8.273	739.890	705.000	4.9
Dinoseb	11.343	11.245	11.445	747.900	705.000	6.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.321	10.221	10.421	795.800	712.500	11.7
2,4,5-TP(Silvex)	9.892	9.792	9.992	773.160	712.500	8.5
2,4-D	9.001	8.902	9.102	774.470	705.000	9.9
2,4-DB	10.889	10.789	10.989	805.500	712.500	13.1
2,4-DCAA	7.744	7.644	7.844	877.970	750.000	17.1
DICAMBA	7.939	7.838	8.038	766.180	705.000	8.7
DICHLORPROP	8.658	8.558	8.758	756.080	705.000	7.2
Dinoseb	11.263	11.163	11.363	777.120	705.000	10.2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00
2,4,5-T	9.58	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.575	9.478	9.678	795.180	712.500	11.6
2,4,5-TP(Silvex)	9.277	9.180	9.380	756.490	712.500	6.2
2,4-D	8.407	8.312	8.512	764.020	705.000	8.4
2,4-DB	10.150	10.054	10.254	759.070	712.500	6.5
2,4-DCAA	7.279	7.182	7.382	794.670	750.000	6.0
DICAMBA	7.462	7.364	7.564	759.800	705.000	7.8
DICHLORPROP	8.170	8.073	8.273	729.090	705.000	3.4
Dinoseb	11.343	11.245	11.445	706.040	705.000	0.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.321	10.221	10.421	793.440	712.500	11.4
2,4,5-TP(Silvex)	9.892	9.792	9.992	756.750	712.500	6.2
2,4-D	9.000	8.902	9.102	778.940	705.000	10.5
2,4-DB	10.889	10.789	10.989	795.650	712.500	11.7
2,4-DCAA	7.743	7.644	7.844	878.420	750.000	17.1
DICAMBA	7.939	7.838	8.038	753.230	705.000	6.8
DICHLORPROP	8.658	8.558	8.758	744.020	705.000	5.5
Dinoseb	11.264	11.163	11.363	738.560	705.000	4.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.01
2,4,5-T	9.57	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.574	9.478	9.678	776.340	712.500	9.0
2,4,5-TP(Silvex)	9.275	9.180	9.380	738.430	712.500	3.6
2,4-D	8.407	8.312	8.512	733.220	705.000	4.0
2,4-DB	10.149	10.054	10.254	718.400	712.500	0.8
2,4-DCAA	7.278	7.182	7.382	790.230	750.000	5.4
DICAMBA	7.460	7.364	7.564	716.720	705.000	1.7
DICHLORPROP	8.169	8.073	8.273	710.070	705.000	0.7
Dinoseb	11.341	11.245	11.445	713.910	705.000	1.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.320	10.221	10.421	783.510	712.500	10.0
2,4,5-TP(Silvex)	9.891	9.792	9.992	750.010	712.500	5.3
2,4-D	9.000	8.902	9.102	761.860	705.000	8.1
2,4-DB	10.889	10.789	10.989	752.770	712.500	5.7
2,4-DCAA	7.743	7.644	7.844	856.540	750.000	14.2
DICAMBA	7.938	7.838	8.038	739.720	705.000	4.9
DICHLORPROP	8.658	8.558	8.758	728.780	705.000	3.4
Dinoseb	11.263	11.163	11.363	747.230	705.000	6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:53 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.46	7.46	7.36	7.56	0.00
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
DICHLORPROP	8.17	8.17	8.07	8.27	0.00
2,4-D	8.41	8.41	8.31	8.51	0.01
2,4,5-TP(Silvex)	9.27	9.28	9.18	9.38	0.01
2,4,5-T	9.57	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.15	10.05	10.25	0.00
Dinoseb	11.34	11.35	11.25	11.45	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:53 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.26	11.16	11.36	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032160.D **Time Analyzed:** 17:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.571	9.478	9.678	747.470	712.500	4.9
2,4,5-TP(Silvex)	9.274	9.180	9.380	736.630	712.500	3.4
2,4-D	8.405	8.312	8.512	746.330	705.000	5.9
2,4-DB	10.147	10.054	10.254	728.700	712.500	2.3
2,4-DCAA	7.277	7.182	7.382	793.030	750.000	5.7
DICAMBA	7.460	7.364	7.564	714.540	705.000	1.4
DICHLORPROP	8.167	8.073	8.273	708.050	705.000	0.4
Dinoseb	11.341	11.245	11.445	699.200	705.000	-0.8

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032160.D **Time Analyzed:** 17:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.319	10.221	10.421	785.300	712.500	10.2
2,4,5-TP(Silvex)	9.890	9.792	9.992	747.340	712.500	4.9
2,4-D	8.998	8.902	9.102	768.550	705.000	9.0
2,4-DB	10.887	10.789	10.989	762.850	712.500	7.1
2,4-DCAA	7.742	7.644	7.844	858.900	750.000	14.5
DICAMBA	7.937	7.838	8.038	745.430	705.000	5.7
DICHLORPROP	8.656	8.558	8.758	733.520	705.000	4.0
Dinoseb	11.262	11.163	11.363	743.490	705.000	5.5

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.29	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.29	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.28	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.28	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.28	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.28	0.00
COMP-ROLLOFF	Q3399-01	10/23/2025	11:20	PS032135.D	7.28	0.00
PB170221BL	PB170221BL	10/23/2025	12:33	PS032138.D	7.28	0.00
PB170221BS	PB170221BS	10/23/2025	12:58	PS032139.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.28	0.00
TP-6MS	Q3412-01MS	10/24/2025	15:50	PS032155.D	7.28	0.00
TP-6MSD	Q3412-01MSD	10/24/2025	16:14	PS032156.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	17:28	PS032159.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	17:53	PS032160.D	7.28	0.00

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.75	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.76	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.75	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.74	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.74	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.74	0.00
COMP-ROLLOFF	Q3399-01	10/23/2025	11:20	PS032135.D	7.75	0.00
PB170221BL	PB170221BL	10/23/2025	12:33	PS032138.D	7.75	0.00
PB170221BS	PB170221BS	10/23/2025	12:58	PS032139.D	7.75	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.74	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.74	0.00
TP-6MS	Q3412-01MS	10/24/2025	15:50	PS032155.D	7.74	0.00
TP-6MSD	Q3412-01MSD	10/24/2025	16:14	PS032156.D	7.74	0.00
I.BLK	I.BLK	10/24/2025	17:28	PS032159.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	17:53	PS032160.D	7.74	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170221BS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: PB170221BS **Date(s) Analyzed:** 10/23/2025 10/23/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
DICHLORPROP	1	8.17	8.12	8.22	158	2.6
	2	8.66	8.61	8.71	154	
2,4-D	1	8.41	8.36	8.46	164	8.3
	2	9.01	8.96	9.06	151	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	161	1.9
	2	9.90	9.85	9.95	158	
2,4,5-T	1	9.58	9.53	9.63	164	4.4
	2	10.33	10.28	10.38	157	
2,4-DB	1	10.16	10.11	10.21	164	13
	2	10.90	10.85	10.95	144	
Dinoseb	1	11.35	11.30	11.40	153	2.6
	2	11.27	11.22	11.32	149	
DICAMBA	1	7.46	7.41	7.51	167	7.5
	2	7.94	7.89	7.99	155	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-6MS

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3412-01MS **Date(s) Analyzed:** 10/24/2025 10/24/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-T	1	9.58	9.53	9.63	21.3	18.3
	2	10.33	10.28	10.38	25.6	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	18.0	84.8
	2	9.88	9.83	9.93	44.5	
2,4-D	1	8.39	8.34	8.44	200	157.8
	2	9.01	8.96	9.06	23.6	
DICHLORPROP	1	8.17	8.12	8.22	25.5	35
	2	8.66	8.61	8.71	17.9	
DICAMBA	1	7.46	7.41	7.51	27.5	20
	2	7.93	7.88	7.98	33.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-6MSD

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Lab Sample ID: Q3412-01MSD **Date(s) Analyzed:** 10/24/2025 10/24/2025

Instrument ID (1): ECD_S **Instrument ID (2):** ECD_S

GC Column: (1): RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.38	8.33	8.43	200	153.8
	2	9.01	8.96	9.06	26.1	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	18.0	86.4
	2	9.88	9.83	9.93	45.4	
2,4,5-T	1	9.58	9.53	9.63	20.9	22.9
	2	10.33	10.28	10.38	26.3	
DICHLORPROP	1	8.17	8.12	8.22	27.2	30.5
	2	8.66	8.61	8.71	20.0	
DICAMBA	1	7.46	7.41	7.51	27.4	17
	2	7.94	7.89	7.99	32.5	

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PB170172TB	SDG No.:	Q3399
Lab Sample ID:	PB170172TB	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	15.0	U	1	9.20	15.0	20.0	ug/L	10/24/25 12:28	PB170220
93-72-1	2,4,5-TP (Silvex)	15.0	U	1	7.80	15.0	20.0	ug/L	10/24/25 12:28	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	465			32 - 138		93%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	15.0	U	1	9.20	15.0	20.0	ug/L	10/23/25 11:44	PB170220
93-72-1	2,4,5-TP (Silvex)	15.0	UM	1	7.80	15.0	20.0	ug/L	10/23/25 11:44	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	459			32 - 138		92%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
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QC SUMMARY

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Surrogate Summary

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PS031982.D	PIBLK-PS031982.D	2,4-DCAA	1	500	308	62		32	138
		2,4-DCAA	2	500	407	81		32	138
I.BLK-PS032131.D	PIBLK-PS032131.D	2,4-DCAA	1	500	407	81		32	138
		2,4-DCAA	2	500	504	101		32	138
PB170220BL	PB170220BL	2,4-DCAA	1	500	364	73		32	138
		2,4-DCAA	2	500	472	94		32	138
PB170220BS	PB170220BS	2,4-DCAA	1	500	505	101		32	138
		2,4-DCAA	2	500	505	101		32	138
Q3399-02	COMP-ROLLOFF	2,4-DCAA	1	500	377	75		32	138
		2,4-DCAA	2	500	459	92		32	138
I.BLK-PS032143.D	PIBLK-PS032143.D	2,4-DCAA	1	500	416	83		32	138
		2,4-DCAA	2	500	506	101		32	138
Q3399-02MS	COMP-ROLLOFFMS	2,4-DCAA	1	500	349	70		32	138
		2,4-DCAA	2	500	550	110		32	138
Q3399-02MSD	COMP-ROLLOFFMSD	2,4-DCAA	1	500	364	73		32	138
		2,4-DCAA	2	500	443	89		32	138
I.BLK-PS032147.D	PIBLK-PS032147.D	2,4-DCAA	1	500	419	84		32	138
		2,4-DCAA	2	500	492	98		32	138
I.BLK-PS032150.D	PIBLK-PS032150.D	2,4-DCAA	1	500	360	72		32	138
		2,4-DCAA	2	500	513	103		32	138
PB170172TB	PB170172TB	2,4-DCAA	1	500	343	69		32	138
		2,4-DCAA	2	500	465	93		32	138
I.BLK-PS032153.D	PIBLK-PS032153.D	2,4-DCAA	1	500	391	78		32	138
		2,4-DCAA	2	500	530	106		32	138

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **DataFile :** PS032145.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3399-02MS (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	2,4-D	50	0	25.1	ug/L	50				45	152	
	2,4,5-TP(Silvex)	50	0	24.5	ug/L	49	*			51	134	
Lab Sample ID:	**Q3399-02MS (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMS**								
	2,4-D	50	0	29.1	ug/L	58				45	152	
	2,4,5-TP(Silvex)	50	0	30.6	ug/L	61				51	134	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q3399	**Analytical Method:**	8151A
Client:	ICE Service Group, Inc.	**DataFile :**	PS032146.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3399-02MSD (Column 1)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	2,4-D	50	0	24.5	ug/L	49		2		45	152	20
	2,4,5-TP(Silvex)	50	0	24.1	ug/L	48	*	2		51	134	20
Lab Sample ID:	**Q3399-02MSD (Column 2)**	**Client Sample ID:**		**COMP-ROLLOFFMSD**								
	2,4-D	50	0	28.7	ug/L	57		2		45	152	20
	2,4,5-TP(Silvex)	50	0	30.3	ug/L	61		0		51	134	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399 **Analytical Method:** 8151A

Client: ICE Service Group, Inc. **Datafile :** PS032134.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170220BS (Column 1)	2,4-D	5	4.80	ug/L	96				45	152	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				51	134	
PB170220BS (Column 2)	2,4-D	5	4.50	ug/L	90				45	152	
	2,4,5-TP(Silvex)	5	4.80	ug/L	96				51	134	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170220BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170220BL | Lab File ID: PS032133.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/23/2025 | Date Analyzed (2): 10/23/2025

Time Analyzed (1): 10:31 | Time Analyzed (2): 10:31

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB170220BS	PB170220BS	PS032134.D	10/23/2025	10/23/2025
COMP-ROLLOFF	Q3399-02	PS032136.D	10/23/2025	10/23/2025
COMP-ROLLOFFMS	Q3399-02MS	PS032145.D	10/23/2025	10/23/2025
COMP-ROLLOFFMSD	Q3399-02MSD	PS032146.D	10/23/2025	10/23/2025
PB170172TB	PB170172TB	PS032152.D	10/24/2025	10/24/2025

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170220BL	SDG No.:	Q3399
Lab Sample ID:	PB170220BL	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25 10:31	PB170220
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25 10:31	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	472			32 - 138		94%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/13/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/13/25
Client Sample ID:	PIBLK-PS031982.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS031982.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/13/25	PS101325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/13/25	PS101325
SURROGATES										
19719-28-9	2,4-DCAA	407			32 - 138		81%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032131.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032131.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	504			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032143.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032143.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	506			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/23/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/23/25
Client Sample ID:	PIBLK-PS032147.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032147.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/23/25	PS102325
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/23/25	PS102325
SURROGATES										
19719-28-9	2,4-DCAA	492			32 - 138		98%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032150.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032150.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	513			32 - 138		103%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
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D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/24/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/24/25
Client Sample ID:	PIBLK-PS032153.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-PS032153.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	1.50	U	1	0.92	1.50	2.00	ug/L	10/24/25	pS102425
93-72-1	2,4,5-TP (Silvex)	1.50	U	1	0.78	1.50	2.00	ug/L	10/24/25	pS102425
SURROGATES										
19719-28-9	2,4-DCAA	530			32 - 138		106%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170220BS	SDG No.:	Q3399
Lab Sample ID:	PB170220BS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	4.80		1	0.92	1.50	2.00	ug/L	10/23/25 10:55	PB170220
93-72-1	2,4,5-TP (Silvex)	4.80		1	0.78	1.50	2.00	ug/L	10/23/25 10:55	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	505			32 - 138		101%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	29.1		1	9.20	15.0	20.0	ug/L	10/23/25 15:25	PB170220
93-72-1	2,4,5-TP (Silvex)	30.6		1	7.80	15.0	20.0	ug/L	10/23/25 15:25	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	550			32 - 138		110%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-02MSD	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP Herbicide
Prep Method:	8151A Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
94-75-7	2,4-D	28.7		1	9.20	15.0	20.0	ug/L	10/23/25 15:49	PB170220
93-72-1	2,4,5-TP (Silvex)	30.3		1	7.80	15.0	20.0	ug/L	10/23/25 15:49	PB170220
SURROGATES										
19719-28-9	2,4-DCAA	443			32 - 138		89%	SPK: 500		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.29	9.28	9.28	9.28	9.28	9.28	9.18	9.38
2,4-D	8.43	8.42	8.41	8.41	8.41	8.41	8.31	8.51
2,4-DCAA	7.29	7.28	7.28	7.28	7.28	7.28	7.18	7.38

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S
Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID: RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM	RT WINDOW TO
2,4,5-TP(Silvex)	9.90	9.89	9.89	9.89	9.89	9.89	9.79	9.99
2,4-D	9.02	9.01	9.00	9.00	9.00	9.01	8.91	9.11
2,4-DCAA	7.76	7.75	7.74	7.74	7.74	7.75	7.65	7.85

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	33202700000	28816500000	28438300000	26226900000	24525800000	28242000000	12
2,4-D	5487130000	4996420000	4918990000	4560930000	4315910000	4855870000	9
2,4-DCAA	5590070000	4810210000	4780360000	4442800000	4211740000	4767030000	11

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: ICES02
SDG NO.: Q3399
Calibration Date(s): 10/13/2025 10/13/2025
Calibration Times: 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

LAB FILE ID: CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	22626700000	20334000000	20451600000	19038400000	17923600000	20074900000	9
2,4-D	2294360000	2013000000	2101790000	2016570000	1965760000	2078300000	6
2,4-DCAA	1091580000	1077760000	1141380000	1095020000	1095970000	1100340000	2

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	768.020	712.500	7.8
2,4-D	8.409	8.312	8.512	751.270	705.000	6.6
2,4-DCAA	7.280	7.182	7.382	810.260	750.000	8.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.892	9.792	9.992	773.160	712.500	8.5
2,4-D	9.001	8.902	9.102	774.470	705.000	9.9
2,4-DCAA	7.744	7.644	7.844	877.970	750.000	17.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 15:00 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.277	9.180	9.380	756.490	712.500	6.2
2,4-D	8.407	8.312	8.512	764.020	705.000	8.4
2,4-DCAA	7.279	7.182	7.382	794.670	750.000	6.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.892	9.792	9.992	756.750	712.500	6.2
2,4-D	9.000	8.902	9.102	778.940	705.000	10.5
2,4-DCAA	7.743	7.644	7.844	878.420	750.000	17.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:13 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 17:13 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032148.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	749.300	712.500	5.2
2,4-D	8.408	8.312	8.512	750.340	705.000	6.4
2,4-DCAA	7.279	7.182	7.382	797.050	750.000	6.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/23/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032148.D **Time Analyzed:** 17:13

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.891	9.792	9.992	752.170	712.500	5.6
2,4-D	9.001	8.902	9.102	766.900	705.000	8.8
2,4-DCAA	7.744	7.644	7.844	865.680	750.000	15.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:34 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 10:34 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032151.D **Time Analyzed:** 10:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.276	9.180	9.380	728.970	712.500	2.3
2,4-D	8.409	8.312	8.512	712.540	705.000	1.1
2,4-DCAA	7.279	7.182	7.382	772.240	750.000	3.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032151.D **Time Analyzed:** 10:34

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.890	9.792	9.992	745.250	712.500	4.6
2,4-D	9.000	8.902	9.102	739.330	705.000	4.9
2,4-DCAA	7.743	7.644	7.844	834.560	750.000	11.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.28	7.28	7.18	7.38	0.00
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.28	9.18	9.38	0.01

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

Continuing Calib Date: 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

Continuing Calib Time: 14:28 **Initial Calibration Time(s):** 10:53 12:29

GC Column: RTX-CLP2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.275	9.180	9.380	738.430	712.500	3.6
2,4-D	8.407	8.312	8.512	733.220	705.000	4.0
2,4-DCAA	7.278	7.182	7.382	790.230	750.000	5.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **SDG NO.:** Q3399

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/24/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.891	9.792	9.992	750.010	712.500	5.3
2,4-D	9.000	8.902	9.102	761.860	705.000	8.1
2,4-DCAA	7.743	7.644	7.844	856.540	750.000	14.2

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.29	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.29	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.28	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.28	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.28	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.28	0.00
PB170220BL	PB170220BL	10/23/2025	10:31	PS032133.D	7.28	0.00
PB170220BS	PB170220BS	10/23/2025	10:55	PS032134.D	7.28	0.00
COMP-ROLLOFF	Q3399-02	10/23/2025	11:44	PS032136.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.28	0.00
COMP-ROLLOFFMS	Q3399-02MS	10/23/2025	15:25	PS032145.D	7.28	0.00
COMP-ROLLOFFMSD	Q3399-02MSD	10/23/2025	15:49	PS032146.D	7.28	0.00
I.BLK	I.BLK	10/23/2025	16:49	PS032147.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	17:13	PS032148.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	10:10	PS032150.D	7.29	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	10:34	PS032151.D	7.28	0.00
PB170172TB	PB170172TB	10/24/2025	12:28	PS032152.D	7.28	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.28	0.00

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
I.BLK	I.BLK	10/13/2025	10:29	PS031982.D	7.75	0.00
HSTDICC200	HSTDICC200	10/13/2025	10:53	PS031983.D	7.76	0.00
HSTDICC500	HSTDICC500	10/13/2025	11:17	PS031984.D	7.75	0.00
HSTDICC750	HSTDICC750	10/13/2025	11:41	PS031985.D	7.74	0.00
HSTDICC1000	HSTDICC1000	10/13/2025	12:05	PS031986.D	7.74	0.00
HSTDICC1500	HSTDICC1500	10/13/2025	12:29	PS031987.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	09:40	PS032131.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	10:04	PS032132.D	7.74	0.00
PB170220BL	PB170220BL	10/23/2025	10:31	PS032133.D	7.75	0.00
PB170220BS	PB170220BS	10/23/2025	10:55	PS032134.D	7.75	0.00
COMP-ROLLOFF	Q3399-02	10/23/2025	11:44	PS032136.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	14:36	PS032143.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	15:00	PS032144.D	7.74	0.00
COMP-ROLLOFFMS	Q3399-02MS	10/23/2025	15:25	PS032145.D	7.74	0.00
COMP-ROLLOFFMSD	Q3399-02MSD	10/23/2025	15:49	PS032146.D	7.74	0.00
I.BLK	I.BLK	10/23/2025	16:49	PS032147.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/23/2025	17:13	PS032148.D	7.74	0.00
I.BLK	I.BLK	10/24/2025	10:10	PS032150.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	10:34	PS032151.D	7.74	0.00
PB170172TB	PB170172TB	10/24/2025	12:28	PS032152.D	7.75	0.00
I.BLK	I.BLK	10/24/2025	14:04	PS032153.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/24/2025	14:28	PS032154.D	7.74	0.00

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.: COMP-ROLLOFFMS

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: Q3399-02MS | Date(s) Analyzed: 10/23/2025 | 10/23/2025

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm) | GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.41	8.36	8.46	25.1	14.8
	2	9.00	8.95	9.05	29.1	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	24.5	22.1
	2	9.89	9.84	9.94	30.6	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-ROLLOFFMSD

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab Sample ID: Q3399-02MSD

Date(s) Analyzed: 10/23/2025 10/23/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4-D	1	8.41	8.36	8.46	24.5	15.8
	2	9.00	8.95	9.05	28.7	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	24.1	22.8
	2	9.89	9.84	9.94	30.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.: PB170220BS

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab Sample ID: PB170220BS
Date(s) Analyzed: 10/23/2025 10/23/2025
Instrument ID (1): ECD_S
Instrument ID (2): ECD_S
GC Column: (1): RTX-CLP ID: 0.32 (mm)
GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	4.80	0
	2	9.89	9.84	9.94	4.80	
2,4-D	1	8.42	8.37	8.47	4.80	6.5
	2	9.01	8.96	9.06	4.50	

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Diesel Range Organics	8015D		10/22/25	10/22/25	
			Gasoline Range Organics	8015D			10/21/25	
			Herbicide	8151A		10/22/25	10/23/25	
			PCB	8082A		10/22/25	10/22/25	
			Pesticide-TCL	8081B		10/22/25	10/22/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.04 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	1310	J	1	188	926	1850	ug/kg	10/22/25 14:43	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.5			37 - 130		52%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

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SOIL DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance Client: ICE Service Group, Inc.

Lab Code: ACE SDG No.: Q3399

CLIENT ID	S1 TETRACOSANE-d50	S2	S3	S4	TOT OUT
PIBLK-FF016591.D	72				0
PIBLK-FF016599.D	74				0
PB170209BL	57				0
PB170209BS	77				0
COMP-ROLLOFF	52				0
COMP-ROLLOFFMS	52				0
COMP-ROLLOFFMSD	54				0

	QC LIMITS
TETRACOSANE-d50	For Water : 29-130 For Soil : 37-130

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate Diluted Out

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SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : COMP-ROLLOFFMS **Datafile:** FF016597.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7401	1310	6573	71%		68-131

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SOIL DIESEL RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : COMP-ROLLOFFMSD **Datafile:** FF016598.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS(%)
DRO	7398	1310	6818	74%		68-131

MS/MSD % Recovery RPD : 4.7

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SOIL DIESEL RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RI

Lab Name: Alliance **Client:** ICE Service Group, Inc.

Lab Code: ACE **SDG No:** Q3399

Client Sample ID : PB170209BS **Datafile:** FF016595.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS (%)
DRO	6660	0	5070	76	68-131

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4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
PB170209BL

Lab Name: Alliance
Contract: ICES02
Lab Code: ACE
SDG NO.: Q3399
Lab File ID: FF016594.D
Lab Sample ID: PB170209BL
Instrument ID: FF
Date Extracted: 10/22/2025
Matrix: (soil/water) Soil
Date Analyzed: 10/22/25
Level: (low/med) low
Time Analyzed: 13:33

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170209BS	PB170209BS	FF016595.D	10/22/25
COMP-ROLLOFF	Q3399-01	FF016596.D	10/22/25
COMP-ROLLOFFMS	Q3399-01MS	FF016597.D	10/22/25
COMP-ROLLOFFMSD	Q3399-01MSD	FF016598.D	10/22/25

COMMENTS:

QC SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170209BL	SDG No.:	Q3399
Lab Sample ID:	PB170209BL	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	100
Sample Wt/Vol:	30.01 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	833	U	1	169	833	1670	ug/kg	10/22/25 13:33	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	11.4			37 - 130		57%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-FF016591.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-FF016591.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	25.0	U	1	6.00	25.0	50.0	ug/L	10/22/25	FF102225
SURROGATES										
16416-32-3	Tetracosane-d50	14.3			29 - 130		72%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/22/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/22/25
Client Sample ID:	PIBLK-FF016599.D	SDG No.:	Q3399
Lab Sample ID:	I.BLK-FF016599.D	Matrix:	Water
Analytical Method:	8015D DRO	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3510 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	25.0	U	1	6.00	25.0	50.0	ug/L	10/22/25	FF102225
SURROGATES										
16416-32-3	Tetracosane-d50	14.8			29 - 130		74%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	
Client Sample ID:	PB170209BS	SDG No.:	Q3399
Lab Sample ID:	PB170209BS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	100
Sample Wt/Vol:	30.03 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	5070		1	169	833	1670	ug/kg	10/22/25 14:03	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	15.3			37 - 130		77%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.06 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	6570		1	188	925	1850	ug/kg	10/22/25 15:13	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.4			37 - 130		52%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.9
Sample Wt/Vol:	30.07 g Final Vol: 1 mL	Test:	Diesel Range Organics
Prep Method:	SW3541 Prep Date 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
DRO	DRO	6820		1	188	925	1850	ug/kg	10/22/25 15:42	PB170209
SURROGATES										
16416-32-3	Tetracosane-d50	10.8			37 - 130		54%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

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DIESEL RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpage, NY

Lab Code: ACE SDG No.: Q3399

Calibration Sequence : FF100225		Test : Diesel Range Organics	
Concentration (PPM)	**Area Count**	**Reference Factor**	**File ID**
1000	112385153	112385	FF016509.D
500	63771192	127542	FF016510.D
200	27823338	139117	FF016511.D
100	13388592	133886	FF016512.D
50	6367675	127354	FF016513.D
AVG RF : 128057	**% RSD : 7.835**		**AVG RT : 15.0682**

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DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FF016592.D Analyst Name: YP\AJ Analyst Date: 10-22-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	64931765	129864	128057	1.411

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DIESEL RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

50 PPM TRPH STD

Lab Name: Alliane Contract: ICES02

ProjectID: NWIRP Northrup Grumman Site – Bethpa

Lab Code: ACE SDG No.: Q3399

DataFile: FF016600.D Analyst Name: YP\AJ Analyst Date: 10-22-2025

Conc. (PPM)	Area Count	RF	Average RF	%D
500	64210589	128421	128057	0.284

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Analytical Sequence

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **Instrument ID:** FID_F

GC Column: RXI-1MS **ID:** 0.18 **(mm)**

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SUROGATE RT FROM INITIAL CALIBRATION **15.0682**

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
PIBLK01	I.BLK01	22 Oct 2025 11:30	FF016591.D	15.063	
50 PPM TRPH STD	50 PPM TRPH STD	22 Oct 2025 12:00	FF016592.D	15.066	
PB170209BL	PB170209BL	22 Oct 2025 13:33	FF016594.D	15.062	
PB170209BS	PB170209BS	22 Oct 2025 14:03	FF016595.D	15.062	
COMP-ROLLOFF	Q3399-01	22 Oct 2025 14:43	FF016596.D	15.008	
COMP-ROLLOFFMS	Q3399-01MS	22 Oct 2025 15:13	FF016597.D	15.062	
COMP-ROLLOFFMSD	Q3399-01MSD	22 Oct 2025 15:42	FF016598.D	15.061	
PIBLK02	I.BLK02	22 Oct 2025 16:12	FF016599.D	15.062	
50 PPM TRPH STD	50 PPM TRPH STD	22 Oct 2025 16:41	FF016600.D	15.064	

 # Column used to flag RT values with an * values outside of QC limits

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	14.9682	15.1682

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6010D		10/21/25	10/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3399 **Order ID:** Q3399

Client: ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Bethpag

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : COMP-ROLLOFF									
Q3399-01	COMP-ROLLOFF	SOIL	Aluminum	1340		0.78	3.69	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Arsenic	1.65		0.18	0.74	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Barium	5.05		0.67	1.15	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Beryllium	0.12	J	0.023	0.069	0.28	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Calcium	294		10.3	23.1	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Chromium	3.09		0.043	0.12	0.46	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Cobalt	0.82	J	0.092	0.35	1.38	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Copper	3.38		0.20	0.74	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Iron	3200		3.68	3.69	4.62	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Lead	2.18		0.12	0.44	0.55	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Magnesium	207		11.1	23.1	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Manganese	70.6		0.13	0.23	0.92	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Nickel	1.55	J	0.12	0.46	1.85	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Potassium	151		25.6	73.8	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Sodium	597		16.4	73.8	92.3	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Vanadium	3.66		0.23	0.92	1.85	mg/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Zinc	5.45		0.21	0.46	1.85	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1340		1	0.78	3.69	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-36-0	Antimony	0.58	UN	1	0.20	0.58	2.31	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-38-2	Arsenic	1.65	N	1	0.18	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-39-3	Barium	5.05		1	0.67	1.15	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-41-7	Beryllium	0.12	JN	1	0.023	0.069	0.28	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-43-9	Cadmium	0.069	U	1	0.022	0.069	0.28	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-70-2	Calcium	294	*	1	10.3	23.1	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-47-3	Chromium	3.09	N	1	0.043	0.12	0.46	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-48-4	Cobalt	0.82	J	1	0.092	0.35	1.38	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-50-8	Copper	3.38	N	1	0.20	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-89-6	Iron	3200		1	3.68	3.69	4.62	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-92-1	Lead	2.18	N	1	0.12	0.44	0.55	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-95-4	Magnesium	207		1	11.1	23.1	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-96-5	Manganese	70.6		1	0.13	0.23	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7439-97-6	Mercury	0.011	U*	1	0.0070	0.011	0.013	mg/Kg	10/23/25 10:22	10/23/25 14:22	7471B	7471B
7440-02-0	Nickel	1.55	J	1	0.12	0.46	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-09-7	Potassium	151	N	1	25.6	73.8	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7782-49-2	Selenium	0.74	UN	1	0.24	0.74	0.92	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-22-4	Silver	0.23	UN	1	0.11	0.23	0.46	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-23-5	Sodium	597	N	1	16.4	73.8	92.3	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-28-0	Thallium	0.92	UN	1	0.21	0.92	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-62-2	Vanadium	3.66	N	1	0.23	0.92	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A
7440-66-6	Zinc	5.45		1	0.21	0.46	1.85	mg/Kg	10/21/25 14:05	10/21/25 19:01	6010D	SW3010A

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV85	Mercury	4.26	4.0	106	90 - 110	CV	10/23/2025	13:51	LB137626

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV79	Mercury	4.94	5.0	99	90 - 110	CV	10/23/2025	14:01	LB137626
CCV80	Mercury	4.97	5.0	99	90 - 110	CV	10/23/2025	14:35	LB137626
CCV81	Mercury	4.86	5.0	97	90 - 110	CV	10/23/2025	15:09	LB137626
CCV82	Mercury	5.04	5.0	101	90 - 110	CV	10/23/2025	15:29	LB137626
CCV83	Mercury	4.68	5.0	94	90 - 110	CV	10/23/2025	15:59	LB137626
CCV84	Mercury	4.71	5.0	94	90 - 110	CV	10/23/2025	16:14	LB137626

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7550	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Antimony	3880	4000	97	90 - 110	P	10/21/2025	12:40	LB137613
	Arsenic	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Barium	7500	8000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Beryllium	194	200	97	90 - 110	P	10/21/2025	12:40	LB137613
	Cadmium	1890	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Calcium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Chromium	784	800	98	90 - 110	P	10/21/2025	12:40	LB137613
	Cobalt	1900	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Copper	976	1000	98	90 - 110	P	10/21/2025	12:40	LB137613
	Iron	3800	4000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Lead	3700	4000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Magnesium	18800	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Manganese	1860	2000	93	90 - 110	P	10/21/2025	12:40	LB137613
	Nickel	1910	2000	95	90 - 110	P	10/21/2025	12:40	LB137613
	Potassium	18900	20000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Selenium	3850	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Silver	956	1000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Sodium	18300	20000	92	90 - 110	P	10/21/2025	12:40	LB137613
	Thallium	3840	4000	96	90 - 110	P	10/21/2025	12:40	LB137613
	Vanadium	1880	2000	94	90 - 110	P	10/21/2025	12:40	LB137613
	Zinc	1920	2000	96	90 - 110	P	10/21/2025	12:40	LB137613

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	10/21/2025	12:44	LB137613
	Antimony	52.1	50.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Arsenic	20.1	20.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Barium	95.0	100	95	80 - 120	P	10/21/2025	12:44	LB137613
	Beryllium	6.21	6.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Cadmium	5.68	6.0	95	80 - 120	P	10/21/2025	12:44	LB137613
	Calcium	1990	2000	100	80 - 120	P	10/21/2025	12:44	LB137613
	Chromium	9.98	10.0	100	80 - 120	P	10/21/2025	12:44	LB137613
	Cobalt	28.8	30.0	96	80 - 120	P	10/21/2025	12:44	LB137613
	Copper	21.5	20.0	107	80 - 120	P	10/21/2025	12:44	LB137613
	Iron	109	100	109	80 - 120	P	10/21/2025	12:44	LB137613
	Lead	11.0	12.0	92	80 - 120	P	10/21/2025	12:44	LB137613
	Magnesium	2060	2000	103	80 - 120	P	10/21/2025	12:44	LB137613
	Manganese	19.7	20.0	98	80 - 120	P	10/21/2025	12:44	LB137613
	Nickel	38.9	40.0	97	80 - 120	P	10/21/2025	12:44	LB137613
	Potassium	1980	2000	99	80 - 120	P	10/21/2025	12:44	LB137613
	Selenium	23.1	20.0	115	80 - 120	P	10/21/2025	12:44	LB137613
	Silver	10.3	10.0	103	80 - 120	P	10/21/2025	12:44	LB137613
	Sodium	1790	2000	90	80 - 120	P	10/21/2025	12:44	LB137613
	Thallium	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613
	Vanadium	34.8	40.0	87	80 - 120	P	10/21/2025	12:44	LB137613
	Zinc	41.7	40.0	104	80 - 120	P	10/21/2025	12:44	LB137613

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9780	10000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Antimony	4830	5000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Barium	9660	10000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Beryllium	242	250	97	90 - 110	P	10/21/2025	13:45	LB137613
	Cadmium	2420	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Calcium	24200	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Chromium	976	1000	98	90 - 110	P	10/21/2025	13:45	LB137613
	Cobalt	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	13:45	LB137613
	Iron	4750	5000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Lead	4800	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Magnesium	24300	25000	97	90 - 110	P	10/21/2025	13:45	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	13:45	LB137613
	Nickel	2410	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Potassium	23800	25000	95	90 - 110	P	10/21/2025	13:45	LB137613
	Selenium	4820	5000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	13:45	LB137613
	Sodium	23900	25000	96	90 - 110	P	10/21/2025	13:45	LB137613
	Thallium	5230	5000	104	90 - 110	P	10/21/2025	13:45	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	13:45	LB137613
CCV02	Aluminum	9530	10000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Antimony	4980	5000	100	90 - 110	P	10/21/2025	15:03	LB137613
	Arsenic	4830	5000	97	90 - 110	P	10/21/2025	15:03	LB137613
	Barium	9800	10000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Beryllium	227	250	91	90 - 110	P	10/21/2025	15:03	LB137613
	Cadmium	2310	2500	92	90 - 110	P	10/21/2025	15:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	15:03	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Cobalt	2340	2500	94	90 - 110	P	10/21/2025	15:03	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Iron	4910	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Lead	4660	5000	93	90 - 110	P	10/21/2025	15:03	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23200	25000	93	90 - 110	P	10/21/2025	15:03	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	15:03	LB137613
	Potassium	24700	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Selenium	4920	5000	98	90 - 110	P	10/21/2025	15:03	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:03	LB137613
	Sodium	24800	25000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Thallium	4950	5000	99	90 - 110	P	10/21/2025	15:03	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	15:03	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	15:03	LB137613
CCV03	Aluminum	9580	10000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	15:56	LB137613
	Arsenic	4820	5000	96	90 - 110	P	10/21/2025	15:56	LB137613
	Barium	9710	10000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Beryllium	233	250	93	90 - 110	P	10/21/2025	15:56	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	15:56	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	15:56	LB137613
	Chromium	941	1000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Copper	1210	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Iron	4850	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Magnesium	23400	25000	94	90 - 110	P	10/21/2025	15:56	LB137613
	Manganese	2380	2500	95	90 - 110	P	10/21/2025	15:56	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	15:56	LB137613
	Potassium	25200	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	15:56	LB137613
	Silver	1200	1250	96	90 - 110	P	10/21/2025	15:56	LB137613
	Sodium	25300	25000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Thallium	5060	5000	101	90 - 110	P	10/21/2025	15:56	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
	Zinc	2390	2500	96	90 - 110	P	10/21/2025	15:56	LB137613
CCV04	Aluminum	9280	10000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Antimony	4870	5000	98	90 - 110	P	10/21/2025	16:48	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Barium	9490	10000	95	90 - 110	P	10/21/2025	16:48	LB137613
	Beryllium	232	250	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cadmium	2300	2500	92	90 - 110	P	10/21/2025	16:48	LB137613
	Calcium	23200	25000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Chromium	934	1000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Cobalt	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Copper	1190	1250	96	90 - 110	P	10/21/2025	16:48	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Lead	4640	5000	93	90 - 110	P	10/21/2025	16:48	LB137613
	Magnesium	22900	25000	92	90 - 110	P	10/21/2025	16:48	LB137613
	Manganese	2350	2500	94	90 - 110	P	10/21/2025	16:48	LB137613
	Nickel	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Selenium	4830	5000	97	90 - 110	P	10/21/2025	16:48	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	16:48	LB137613
	Sodium	24000	25000	96	90 - 110	P	10/21/2025	16:48	LB137613
	Thallium	4900	5000	98	90 - 110	P	10/21/2025	16:48	LB137613
	Vanadium	2330	2500	93	90 - 110	P	10/21/2025	16:48	LB137613
	Zinc	2400	2500	96	90 - 110	P	10/21/2025	16:48	LB137613
CCV05	Aluminum	9540	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Antimony	5030	5000	101	90 - 110	P	10/21/2025	17:37	LB137613
	Arsenic	4900	5000	98	90 - 110	P	10/21/2025	17:37	LB137613
	Barium	9470	10000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	17:37	LB137613
	Cadmium	2370	2500	95	90 - 110	P	10/21/2025	17:37	LB137613
	Calcium	23800	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Chromium	964	1000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Cobalt	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Copper	1220	1250	98	90 - 110	P	10/21/2025	17:37	LB137613
	Iron	4840	5000	97	90 - 110	P	10/21/2025	17:37	LB137613
	Lead	4780	5000	96	90 - 110	P	10/21/2025	17:37	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	17:37	LB137613
	Manganese	2360	2500	94	90 - 110	P	10/21/2025	17:37	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Potassium	23700	25000	95	90 - 110	P	10/21/2025	17:37	LB137613
	Selenium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Silver	1210	1250	97	90 - 110	P	10/21/2025	17:37	LB137613
	Sodium	23100	25000	92	90 - 110	P	10/21/2025	17:37	LB137613
	Thallium	5030	5000	100	90 - 110	P	10/21/2025	17:37	LB137613
	Vanadium	2390	2500	96	90 - 110	P	10/21/2025	17:37	LB137613
	Zinc	2430	2500	97	90 - 110	P	10/21/2025	17:37	LB137613
CCV06	Aluminum	9220	10000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Arsenic	4750	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Barium	9370	10000	94	90 - 110	P	10/21/2025	18:27	LB137613
	Beryllium	226	250	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cadmium	2270	2500	91	90 - 110	P	10/21/2025	18:27	LB137613
	Calcium	23000	25000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Chromium	905	1000	90	90 - 110	P	10/21/2025	18:27	LB137613
	Cobalt	2310	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Copper	1180	1250	95	90 - 110	P	10/21/2025	18:27	LB137613
	Iron	4730	5000	95	90 - 110	P	10/21/2025	18:27	LB137613
	Lead	4610	5000	92	90 - 110	P	10/21/2025	18:27	LB137613
	Magnesium	22800	25000	91	90 - 110	P	10/21/2025	18:27	LB137613
	Manganese	2330	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Nickel	2300	2500	92	90 - 110	P	10/21/2025	18:27	LB137613
	Potassium	24100	25000	96	90 - 110	P	10/21/2025	18:27	LB137613
	Selenium	4870	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Silver	1170	1250	94	90 - 110	P	10/21/2025	18:27	LB137613
	Sodium	24400	25000	98	90 - 110	P	10/21/2025	18:27	LB137613
	Thallium	4850	5000	97	90 - 110	P	10/21/2025	18:27	LB137613
	Vanadium	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
	Zinc	2320	2500	93	90 - 110	P	10/21/2025	18:27	LB137613
CCV07	Aluminum	9650	10000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Antimony	4900	5000	98	90 - 110	P	10/21/2025	19:18	LB137613
	Arsenic	4770	5000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Barium	9640	10000	96	90 - 110	P	10/21/2025	19:18	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	236	250	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cadmium	2320	2500	93	90 - 110	P	10/21/2025	19:18	LB137613
	Calcium	24100	25000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Chromium	945	1000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Cobalt	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Copper	1200	1250	96	90 - 110	P	10/21/2025	19:18	LB137613
	Iron	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Lead	4680	5000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Magnesium	23800	25000	95	90 - 110	P	10/21/2025	19:18	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	19:18	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	19:18	LB137613
	Potassium	23500	25000	94	90 - 110	P	10/21/2025	19:18	LB137613
	Selenium	4850	5000	97	90 - 110	P	10/21/2025	19:18	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	19:18	LB137613
	Sodium	22700	25000	91	90 - 110	P	10/21/2025	19:18	LB137613
	Thallium	4820	5000	96	90 - 110	P	10/21/2025	19:18	LB137613
	Vanadium	2430	2500	97	90 - 110	P	10/21/2025	19:18	LB137613
	Zinc	2370	2500	95	90 - 110	P	10/21/2025	19:18	LB137613
CCV08	Aluminum	9520	10000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Antimony	5000	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Arsenic	4850	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Barium	9610	10000	96	90 - 110	P	10/21/2025	20:03	LB137613
	Beryllium	234	250	94	90 - 110	P	10/21/2025	20:03	LB137613
	Cadmium	2330	2500	93	90 - 110	P	10/21/2025	20:03	LB137613
	Calcium	23700	25000	95	90 - 110	P	10/21/2025	20:03	LB137613
	Chromium	915	1000	92	90 - 110	P	10/21/2025	20:03	LB137613
	Cobalt	2360	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Copper	1210	1250	97	90 - 110	P	10/21/2025	20:03	LB137613
	Iron	4830	5000	97	90 - 110	P	10/21/2025	20:03	LB137613
	Lead	4730	5000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Magnesium	23600	25000	94	90 - 110	P	10/21/2025	20:03	LB137613
	Manganese	2410	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Nickel	2350	2500	94	90 - 110	P	10/21/2025	20:03	LB137613
	Potassium	23100	25000	93	90 - 110	P	10/21/2025	20:03	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4970	5000	100	90 - 110	P	10/21/2025	20:03	LB137613
	Silver	1190	1250	95	90 - 110	P	10/21/2025	20:03	LB137613
	Sodium	23300	25000	93	90 - 110	P	10/21/2025	20:03	LB137613
	Thallium	5050	5000	101	90 - 110	P	10/21/2025	20:03	LB137613
	Vanadium	2400	2500	96	90 - 110	P	10/21/2025	20:03	LB137613
	Zinc	2340	2500	94	90 - 110	P	10/21/2025	20:03	LB137613

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7590	8000	95	90 - 110	P	10/23/2025	13:05	LB137630
	Antimony	3990	4000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Arsenic	3870	4000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Barium	7690	8000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Beryllium	195	200	98	90 - 110	P	10/23/2025	13:05	LB137630
	Cadmium	2050	2000	103	90 - 110	P	10/23/2025	13:05	LB137630
	Calcium	19200	20000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Chromium	800	800	100	90 - 110	P	10/23/2025	13:05	LB137630
	Cobalt	1940	2000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Copper	995	1000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Iron	3980	4000	100	90 - 110	P	10/23/2025	13:05	LB137630
	Lead	3900	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Magnesium	19100	20000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Manganese	1920	2000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Nickel	1940	2000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Potassium	19500	20000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Selenium	3910	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Silver	1010	1000	101	90 - 110	P	10/23/2025	13:05	LB137630
	Sodium	18900	20000	94	90 - 110	P	10/23/2025	13:05	LB137630
	Thallium	3800	4000	95	90 - 110	P	10/23/2025	13:05	LB137630
	Vanadium	1920	2000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Zinc	1970	2000	99	90 - 110	P	10/23/2025	13:05	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	93.2	100	93	80 - 120	P	10/23/2025	13:14	LB137630
	Antimony	51.7	50.0	103	80 - 120	P	10/23/2025	13:14	LB137630
	Arsenic	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Barium	98.7	100	99	80 - 120	P	10/23/2025	13:14	LB137630
	Beryllium	6.48	6.0	108	80 - 120	P	10/23/2025	13:14	LB137630
	Cadmium	5.95	6.0	99	80 - 120	P	10/23/2025	13:14	LB137630
	Calcium	2070	2000	103	80 - 120	P	10/23/2025	13:14	LB137630
	Chromium	11.0	10.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Cobalt	29.9	30.0	100	80 - 120	P	10/23/2025	13:14	LB137630
	Copper	22.5	20.0	113	80 - 120	P	10/23/2025	13:14	LB137630
	Iron	108	100	108	80 - 120	P	10/23/2025	13:14	LB137630
	Lead	13.2	12.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Magnesium	2120	2000	106	80 - 120	P	10/23/2025	13:14	LB137630
	Manganese	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Nickel	39.8	40.0	100	80 - 120	P	10/23/2025	13:14	LB137630
	Potassium	2040	2000	102	80 - 120	P	10/23/2025	13:14	LB137630
	Selenium	23.6	20.0	118	80 - 120	P	10/23/2025	13:14	LB137630
	Silver	10.7	10.0	106	80 - 120	P	10/23/2025	13:14	LB137630
	Sodium	1890	2000	95	80 - 120	P	10/23/2025	13:14	LB137630
	Thallium	40.5	40.0	101	80 - 120	P	10/23/2025	13:14	LB137630
	Vanadium	36.3	40.0	91	80 - 120	P	10/23/2025	13:14	LB137630
	Zinc	43.5	40.0	109	80 - 120	P	10/23/2025	13:14	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Antimony	5270	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Arsenic	5250	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Barium	9900	10000	99	90 - 110	P	10/23/2025	13:52	LB137630
	Beryllium	260	250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Cadmium	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Calcium	25300	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Chromium	1060	1000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Cobalt	2570	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Iron	5110	5000	102	90 - 110	P	10/23/2025	13:52	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	13:52	LB137630
	Magnesium	25300	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Manganese	2480	2500	99	90 - 110	P	10/23/2025	13:52	LB137630
	Nickel	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Potassium	25200	25000	101	90 - 110	P	10/23/2025	13:52	LB137630
	Selenium	5330	5000	107	90 - 110	P	10/23/2025	13:52	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
	Sodium	24300	25000	97	90 - 110	P	10/23/2025	13:52	LB137630
	Thallium	5300	5000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Vanadium	2530	2500	101	90 - 110	P	10/23/2025	13:52	LB137630
	Zinc	2620	2500	105	90 - 110	P	10/23/2025	13:52	LB137630
CCV02	Aluminum	10400	10000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Antimony	5160	5000	103	90 - 110	P	10/23/2025	15:04	LB137630
	Arsenic	5240	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Barium	10600	10000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Beryllium	274	250	110	90 - 110	P	10/23/2025	15:04	LB137630
	Cadmium	2630	2500	105	90 - 110	P	10/23/2025	15:04	LB137630
	Calcium	26200	25000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Chromium	1050	1000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Cobalt	2600	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Copper	1310	1250	105	90 - 110	P	10/23/2025	15:04	LB137630
	Iron	5060	5000	101	90 - 110	P	10/23/2025	15:04	LB137630
	Lead	5230	5000	105	90 - 110	P	10/23/2025	15:04	LB137630

Alliance TECHNICAL GROUP
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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Manganese	2650	2500	106	90 - 110	P	10/23/2025	15:04	LB137630
	Nickel	2610	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Potassium	25500	25000	102	90 - 110	P	10/23/2025	15:04	LB137630
	Selenium	5210	5000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	15:04	LB137630
	Sodium	25400	25000	102	90 - 110	P	10/23/2025	15:04	LB137630
	Thallium	5320	5000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Vanadium	2600	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
	Zinc	2610	2500	104	90 - 110	P	10/23/2025	15:04	LB137630
CCV03	Aluminum	9770	10000	98	90 - 110	P	10/23/2025	15:56	LB137630
	Antimony	4840	5000	97	90 - 110	P	10/23/2025	15:56	LB137630
	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	15:56	LB137630
	Beryllium	265	250	106	90 - 110	P	10/23/2025	15:56	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	15:56	LB137630
	Calcium	24500	25000	98	90 - 110	P	10/23/2025	15:56	LB137630
	Chromium	1030	1000	103	90 - 110	P	10/23/2025	15:56	LB137630
	Cobalt	2470	2500	99	90 - 110	P	10/23/2025	15:56	LB137630
	Copper	1240	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
	Iron	4680	5000	94	90 - 110	P	10/23/2025	15:56	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Magnesium	24800	25000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Manganese	2420	2500	97	90 - 110	P	10/23/2025	15:56	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	15:56	LB137630
	Potassium	24800	25000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Selenium	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
	Sodium	25100	25000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Thallium	4720	5000	94	90 - 110	P	10/23/2025	15:56	LB137630
	Vanadium	2430	2500	97	90 - 110	P	10/23/2025	15:56	LB137630
	Zinc	2480	2500	99	90 - 110	P	10/23/2025	15:56	LB137630
CCV04	Aluminum	9680	10000	97	90 - 110	P	10/23/2025	16:43	LB137630
	Antimony	4830	5000	97	90 - 110	P	10/23/2025	16:43	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	16:43	LB137630
	Barium	9850	10000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Beryllium	266	250	106	90 - 110	P	10/23/2025	16:43	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	16:43	LB137630
	Calcium	24600	25000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Cobalt	2480	2500	99	90 - 110	P	10/23/2025	16:43	LB137630
	Copper	1240	1250	99	90 - 110	P	10/23/2025	16:43	LB137630
	Iron	4670	5000	93	90 - 110	P	10/23/2025	16:43	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Magnesium	24600	25000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Manganese	2470	2500	99	90 - 110	P	10/23/2025	16:43	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	16:43	LB137630
	Potassium	23500	25000	94	90 - 110	P	10/23/2025	16:43	LB137630
	Selenium	4920	5000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	16:43	LB137630
	Sodium	22800	25000	91	90 - 110	P	10/23/2025	16:43	LB137630
	Thallium	4760	5000	95	90 - 110	P	10/23/2025	16:43	LB137630
	Vanadium	2430	2500	97	90 - 110	P	10/23/2025	16:43	LB137630
	Zinc	2450	2500	98	90 - 110	P	10/23/2025	16:43	LB137630
CCV05	Aluminum	10200	10000	102	90 - 110	P	10/23/2025	17:21	LB137630
	Antimony	5070	5000	101	90 - 110	P	10/23/2025	17:21	LB137630
	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Barium	10300	10000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Beryllium	247	250	99	90 - 110	P	10/23/2025	17:21	LB137630
	Cadmium	2640	2500	105	90 - 110	P	10/23/2025	17:21	LB137630
	Calcium	25800	25000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Chromium	967	1000	97	90 - 110	P	10/23/2025	17:21	LB137630
	Cobalt	2590	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	17:21	LB137630
	Iron	4920	5000	98	90 - 110	P	10/23/2025	17:21	LB137630
	Lead	5250	5000	105	90 - 110	P	10/23/2025	17:21	LB137630
	Magnesium	25900	25000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Manganese	2580	2500	103	90 - 110	P	10/23/2025	17:21	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2610	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
	Potassium	25500	25000	102	90 - 110	P	10/23/2025	17:21	LB137630
	Selenium	5180	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Silver	1290	1250	103	90 - 110	P	10/23/2025	17:21	LB137630
	Sodium	25100	25000	101	90 - 110	P	10/23/2025	17:21	LB137630
	Thallium	4740	5000	95	90 - 110	P	10/23/2025	17:21	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	17:21	LB137630
	Zinc	2600	2500	104	90 - 110	P	10/23/2025	17:21	LB137630
CCV06	Aluminum	10200	10000	102	90 - 110	P	10/23/2025	18:11	LB137630
	Antimony	5070	5000	101	90 - 110	P	10/23/2025	18:11	LB137630
	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Barium	10000	10000	100	90 - 110	P	10/23/2025	18:11	LB137630
	Beryllium	253	250	101	90 - 110	P	10/23/2025	18:11	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	18:11	LB137630
	Calcium	25700	25000	103	90 - 110	P	10/23/2025	18:11	LB137630
	Chromium	987	1000	99	90 - 110	P	10/23/2025	18:11	LB137630
	Cobalt	2610	2500	104	90 - 110	P	10/23/2025	18:11	LB137630
	Copper	1310	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
	Iron	4840	5000	97	90 - 110	P	10/23/2025	18:11	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	18:11	LB137630
	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Manganese	2530	2500	101	90 - 110	P	10/23/2025	18:11	LB137630
	Nickel	2630	2500	105	90 - 110	P	10/23/2025	18:11	LB137630
	Potassium	25300	25000	101	90 - 110	P	10/23/2025	18:11	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Silver	1320	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
	Sodium	23800	25000	95	90 - 110	P	10/23/2025	18:11	LB137630
	Thallium	4660	5000	93	90 - 110	P	10/23/2025	18:11	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	18:11	LB137630
	Zinc	2630	2500	105	90 - 110	P	10/23/2025	18:11	LB137630
CCV07	Aluminum	9840	10000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Antimony	4900	5000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Arsenic	5030	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	18:59	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	244	250	98	90 - 110	P	10/23/2025	18:59	LB137630
	Cadmium	2530	2500	101	90 - 110	P	10/23/2025	18:59	LB137630
	Calcium	24600	25000	98	90 - 110	P	10/23/2025	18:59	LB137630
	Chromium	952	1000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Cobalt	2470	2500	99	90 - 110	P	10/23/2025	18:59	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	18:59	LB137630
	Iron	4710	5000	94	90 - 110	P	10/23/2025	18:59	LB137630
	Lead	5060	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Magnesium	25100	25000	100	90 - 110	P	10/23/2025	18:59	LB137630
	Manganese	2430	2500	97	90 - 110	P	10/23/2025	18:59	LB137630
	Nickel	2490	2500	100	90 - 110	P	10/23/2025	18:59	LB137630
	Potassium	23800	25000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Selenium	5090	5000	102	90 - 110	P	10/23/2025	18:59	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	18:59	LB137630
	Sodium	22700	25000	91	90 - 110	P	10/23/2025	18:59	LB137630
	Thallium	4530	5000	90	90 - 110	P	10/23/2025	18:59	LB137630
	Vanadium	2460	2500	98	90 - 110	P	10/23/2025	18:59	LB137630
	Zinc	2550	2500	102	90 - 110	P	10/23/2025	18:59	LB137630
CCV08	Aluminum	10300	10000	103	90 - 110	P	10/23/2025	19:48	LB137630
	Antimony	5040	5000	101	90 - 110	P	10/23/2025	19:48	LB137630
	Arsenic	5200	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Barium	9920	10000	99	90 - 110	P	10/23/2025	19:48	LB137630
	Beryllium	254	250	102	90 - 110	P	10/23/2025	19:48	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	19:48	LB137630
	Calcium	25600	25000	102	90 - 110	P	10/23/2025	19:48	LB137630
	Chromium	999	1000	100	90 - 110	P	10/23/2025	19:48	LB137630
	Cobalt	2600	2500	104	90 - 110	P	10/23/2025	19:48	LB137630
	Copper	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
	Iron	4770	5000	96	90 - 110	P	10/23/2025	19:48	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	19:48	LB137630
	Magnesium	26100	25000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Manganese	2520	2500	101	90 - 110	P	10/23/2025	19:48	LB137630
	Nickel	2620	2500	105	90 - 110	P	10/23/2025	19:48	LB137630
	Potassium	24000	25000	96	90 - 110	P	10/23/2025	19:48	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5190	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
	Sodium	23100	25000	92	90 - 110	P	10/23/2025	19:48	LB137630
	Thallium	4630	5000	93	90 - 110	P	10/23/2025	19:48	LB137630
	Vanadium	2560	2500	102	90 - 110	P	10/23/2025	19:48	LB137630
	Zinc	2610	2500	104	90 - 110	P	10/23/2025	19:48	LB137630
CCV09	Aluminum	10300	10000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Antimony	5140	5000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Arsenic	5320	5000	106	90 - 110	P	10/23/2025	20:39	LB137630
	Barium	9990	10000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Beryllium	260	250	104	90 - 110	P	10/23/2025	20:39	LB137630
	Cadmium	2690	2500	108	90 - 110	P	10/23/2025	20:39	LB137630
	Calcium	25700	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Cobalt	2630	2500	105	90 - 110	P	10/23/2025	20:39	LB137630
	Copper	1320	1250	105	90 - 110	P	10/23/2025	20:39	LB137630
	Iron	4850	5000	97	90 - 110	P	10/23/2025	20:39	LB137630
	Lead	5380	5000	108	90 - 110	P	10/23/2025	20:39	LB137630
	Magnesium	26300	25000	105	90 - 110	P	10/23/2025	20:39	LB137630
	Manganese	2540	2500	102	90 - 110	P	10/23/2025	20:39	LB137630
	Nickel	2650	2500	106	90 - 110	P	10/23/2025	20:39	LB137630
	Potassium	25600	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Selenium	5360	5000	107	90 - 110	P	10/23/2025	20:39	LB137630
	Silver	1320	1250	106	90 - 110	P	10/23/2025	20:39	LB137630
	Sodium	25700	25000	103	90 - 110	P	10/23/2025	20:39	LB137630
	Thallium	4940	5000	99	90 - 110	P	10/23/2025	20:39	LB137630
	Vanadium	2570	2500	103	90 - 110	P	10/23/2025	20:39	LB137630
	Zinc	2650	2500	106	90 - 110	P	10/23/2025	20:39	LB137630
CCV10	Aluminum	9720	10000	97	90 - 110	P	10/23/2025	21:30	LB137630
	Antimony	4820	5000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Arsenic	5010	5000	100	90 - 110	P	10/23/2025	21:30	LB137630
	Barium	9490	10000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Beryllium	254	250	102	90 - 110	P	10/23/2025	21:30	LB137630
	Cadmium	2570	2500	103	90 - 110	P	10/23/2025	21:30	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	24700	25000	99	90 - 110	P	10/23/2025	21:30	LB137630
	Chromium	962	1000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Cobalt	2490	2500	100	90 - 110	P	10/23/2025	21:30	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	21:30	LB137630
	Iron	4660	5000	93	90 - 110	P	10/23/2025	21:30	LB137630
	Lead	5110	5000	102	90 - 110	P	10/23/2025	21:30	LB137630
	Magnesium	25400	25000	102	90 - 110	P	10/23/2025	21:30	LB137630
	Manganese	2430	2500	97	90 - 110	P	10/23/2025	21:30	LB137630
	Nickel	2510	2500	100	90 - 110	P	10/23/2025	21:30	LB137630
	Potassium	24400	25000	98	90 - 110	P	10/23/2025	21:30	LB137630
	Selenium	5040	5000	101	90 - 110	P	10/23/2025	21:30	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	21:30	LB137630
	Sodium	23700	25000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Thallium	4830	5000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Vanadium	2460	2500	99	90 - 110	P	10/23/2025	21:30	LB137630
	Zinc	2530	2500	101	90 - 110	P	10/23/2025	21:30	LB137630
CCV11	Aluminum	9500	10000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Antimony	4720	5000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Arsenic	4980	5000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Barium	9350	10000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Beryllium	268	250	107	90 - 110	P	10/23/2025	22:20	LB137630
	Cadmium	2590	2500	104	90 - 110	P	10/23/2025	22:20	LB137630
	Calcium	24300	25000	97	90 - 110	P	10/23/2025	22:20	LB137630
	Chromium	951	1000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Cobalt	2490	2500	100	90 - 110	P	10/23/2025	22:20	LB137630
	Copper	1250	1250	100	90 - 110	P	10/23/2025	22:20	LB137630
	Iron	4390	5000	88	90 - 110	P	10/23/2025	22:20	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	22:20	LB137630
	Magnesium	25100	25000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Manganese	2420	2500	97	90 - 110	P	10/23/2025	22:20	LB137630
	Nickel	2530	2500	101	90 - 110	P	10/23/2025	22:20	LB137630
	Potassium	28300	25000	113	90 - 110	P	10/23/2025	22:20	LB137630
	Selenium	4940	5000	99	90 - 110	P	10/23/2025	22:20	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	22:20	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	32800	25000	131	90 - 110	P	10/23/2025	22:20	LB137630
	Thallium	4440	5000	89	90 - 110	P	10/23/2025	22:20	LB137630
	Vanadium	2410	2500	96	90 - 110	P	10/23/2025	22:20	LB137630
	Zinc	2450	2500	98	90 - 110	P	10/23/2025	22:20	LB137630
CCV12	Aluminum	9290	10000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Antimony	4660	5000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Arsenic	4920	5000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Barium	9070	10000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Beryllium	258	250	103	90 - 110	P	10/23/2025	22:33	LB137630
	Cadmium	2540	2500	102	90 - 110	P	10/23/2025	22:33	LB137630
	Calcium	23700	25000	95	90 - 110	P	10/23/2025	22:33	LB137630
	Chromium	932	1000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Cobalt	2440	2500	98	90 - 110	P	10/23/2025	22:33	LB137630
	Copper	1230	1250	98	90 - 110	P	10/23/2025	22:33	LB137630
	Iron	4220	5000	84	90 - 110	P	10/23/2025	22:33	LB137630
	Lead	5070	5000	101	90 - 110	P	10/23/2025	22:33	LB137630
	Magnesium	24500	25000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Manganese	2350	2500	94	90 - 110	P	10/23/2025	22:33	LB137630
	Nickel	2470	2500	99	90 - 110	P	10/23/2025	22:33	LB137630
	Potassium	27000	25000	108	90 - 110	P	10/23/2025	22:33	LB137630
	Selenium	4930	5000	99	90 - 110	P	10/23/2025	22:33	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	22:33	LB137630
	Sodium	30000	25000	120	90 - 110	P	10/23/2025	22:33	LB137630
	Thallium	4550	5000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Vanadium	2360	2500	94	90 - 110	P	10/23/2025	22:33	LB137630
	Zinc	2410	2500	96	90 - 110	P	10/23/2025	22:33	LB137630

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Aluminum	110	100	110	65 - 135	P	10/21/2025	12:54	LB137613
	Antimony	49.9	50.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Arsenic	22.2	20.0	111	65 - 135	P	10/21/2025	12:54	LB137613
	Barium	98.1	100	98	65 - 135	P	10/21/2025	12:54	LB137613
	Beryllium	6.23	6.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Cadmium	5.59	6.0	93	65 - 135	P	10/21/2025	12:54	LB137613
	Calcium	2030	2000	101	65 - 135	P	10/21/2025	12:54	LB137613
	Chromium	9.94	10.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Cobalt	28.8	30.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Copper	21.6	20.0	108	65 - 135	P	10/21/2025	12:54	LB137613
	Iron	107	100	107	65 - 135	P	10/21/2025	12:54	LB137613
	Lead	11.9	12.0	99	65 - 135	P	10/21/2025	12:54	LB137613
	Magnesium	2090	2000	105	65 - 135	P	10/21/2025	12:54	LB137613
	Manganese	20.9	20.0	104	65 - 135	P	10/21/2025	12:54	LB137613
	Nickel	38.6	40.0	96	65 - 135	P	10/21/2025	12:54	LB137613
	Potassium	1860	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Selenium	24.3	20.0	121	65 - 135	P	10/21/2025	12:54	LB137613
	Silver	9.95	10.0	100	65 - 135	P	10/21/2025	12:54	LB137613
	Sodium	1870	2000	93	65 - 135	P	10/21/2025	12:54	LB137613
	Thallium	42.8	40.0	107	65 - 135	P	10/21/2025	12:54	LB137613
	Vanadium	35.6	40.0	89	65 - 135	P	10/21/2025	12:54	LB137613
	Zinc	41.9	40.0	105	65 - 135	P	10/21/2025	12:54	LB137613
CRI01	Aluminum	93.3	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Antimony	49.0	50.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Arsenic	22.0	20.0	110	65 - 135	P	10/23/2025	13:24	LB137630
	Barium	92.8	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Beryllium	6.41	6.0	107	65 - 135	P	10/23/2025	13:24	LB137630
	Cadmium	5.69	6.0	95	65 - 135	P	10/23/2025	13:24	LB137630
	Calcium	2050	2000	103	65 - 135	P	10/23/2025	13:24	LB137630
	Chromium	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Cobalt	28.9	30.0	96	65 - 135	P	10/23/2025	13:24	LB137630
	Copper	21.1	20.0	106	65 - 135	P	10/23/2025	13:24	LB137630
	Iron	109	100	108	65 - 135	P	10/23/2025	13:24	LB137630
	Lead	10.8	12.0	90	65 - 135	P	10/23/2025	13:24	LB137630
	Magnesium	2100	2000	105	65 - 135	P	10/23/2025	13:24	LB137630
	Manganese	20.7	20.0	104	65 - 135	P	10/23/2025	13:24	LB137630

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Metals

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CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Nickel	38.9	40.0	97	65 - 135	P	10/23/2025	13:24	LB137630
	Potassium	1910	2000	95	65 - 135	P	10/23/2025	13:24	LB137630
	Selenium	19.5	20.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Silver	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Sodium	1820	2000	91	65 - 135	P	10/23/2025	13:24	LB137630
	Thallium	42.0	40.0	105	65 - 135	P	10/23/2025	13:24	LB137630
	Vanadium	37.3	40.0	93	65 - 135	P	10/23/2025	13:24	LB137630
	Zinc	42.6	40.0	106	65 - 135	P	10/23/2025	13:24	LB137630
CRA	Mercury	0.20	0.2	100	70 - 130	CV	10/23/2025	14:07	LB137626

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB85	Mercury	0.10	+/-0.2	J	0.16	0.20	CV	10/23/2025	13:57	LB137626

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB79	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	14:05	LB137626
CCB80	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	14:38	LB137626
CCB81	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	15:11	LB137626
CCB82	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	15:32	LB137626
CCB83	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	16:02	LB137626
CCB84	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	16:16	LB137626

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	12:50	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	12:50	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	12:50	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	12:50	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	12:50	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	12:50	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	12:50	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	12:50	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	12:50	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	12:50	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	12:50	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	12:50	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	12:50	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	12:50	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	12:50	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	12:50	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	12:50	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	12:50	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	12:50	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	12:50	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	13:54	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	13:54	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	13:54	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	13:54	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	13:54	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	13:54	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	13:54	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	13:54	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	13:54	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	13:54	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	13:54	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	13:54	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	13:54	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	13:54	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	13:54	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	13:54	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	13:54	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	13:54	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	13:54	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	13:54	LB137613
CCB02	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	15:07	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	15:07	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	15:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	15:07	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	15:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	15:07	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	15:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	15:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613
	Iron	36.0	+/-50	J	80.0	100	P	10/21/2025	15:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	15:07	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	15:07	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	15:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	15:07	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	15:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	15:07	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	15:07	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	15:07	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	15:07	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	15:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	15:07	LB137613
CCB03	Aluminum	41.4	+/-50	J	80.0	100	P	10/21/2025	16:00	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	16:00	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:00	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:00	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	16:00	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:00	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	16:00	LB137613
	Chromium	2.83	+/-5	J	5.00	10.0	P	10/21/2025	16:00	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	16:00	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Iron	43.3	+/-50	J	80.0	100	P	10/21/2025	16:00	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:00	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	16:00	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	16:00	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:00	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	16:00	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:00	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:00	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	16:00	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	16:00	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	16:00	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:00	LB137613
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	16:52	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	16:52	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	16:52	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	16:52	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	16:52	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	16:52	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	16:52	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	16:52	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	16:52	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	16:52	LB137613

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	16:52	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	16:52	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	16:52	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	16:52	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	16:52	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	16:52	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	16:52	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	16:52	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	16:52	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	16:52	LB137613
CCB05	Aluminum	16.1	+/-50	J	80.0	100	P	10/21/2025	17:41	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	17:41	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	17:41	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	17:41	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	17:41	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	17:41	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	17:41	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	17:41	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	17:41	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	17:41	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	17:41	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	17:41	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	17:41	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	17:41	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	17:41	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	17:41	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	17:41	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	17:41	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	17:41	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	17:41	LB137613
CCB06	Aluminum	11.4	+/-50	J	80.0	100	P	10/21/2025	18:31	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	18:31	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	18:31	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	18:31	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	18:31	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	18:31	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	18:31	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	18:31	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	18:31	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	18:31	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	18:31	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	18:31	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	18:31	LB137613
	Potassium	956	+/-1000	J	1600	2000	P	10/21/2025	18:31	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	18:31	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	18:31	LB137613
	Sodium	1000	+/-1000	J	1000	2000	P	10/21/2025	18:31	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	18:31	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	18:31	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	18:31	LB137613
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	19:22	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	19:22	LB137613
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	19:22	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	19:22	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	19:22	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	19:22	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	19:22	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	19:22	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	19:22	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	19:22	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	19:22	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	19:22	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	19:22	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	19:22	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	19:22	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	19:22	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	19:22	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	19:22	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	19:22	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	19:22	LB137613
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	10/21/2025	20:07	LB137613
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/21/2025	20:07	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/21/2025	20:07	LB137613
	Barium	14.6	+/-50	U	25.0	100	P	10/21/2025	20:07	LB137613
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/21/2025	20:07	LB137613
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/21/2025	20:07	LB137613
	Calcium	234	+/-1000	U	500	2000	P	10/21/2025	20:07	LB137613
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/21/2025	20:07	LB137613
	Copper	4.60	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613
	Iron	23.4	+/-50	U	80.0	100	P	10/21/2025	20:07	LB137613
	Lead	2.30	+/-6	U	9.60	12.0	P	10/21/2025	20:07	LB137613
	Magnesium	244	+/-1000	U	500	2000	P	10/21/2025	20:07	LB137613
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/21/2025	20:07	LB137613
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/21/2025	20:07	LB137613
	Potassium	918	+/-1000	U	1600	2000	P	10/21/2025	20:07	LB137613
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/21/2025	20:07	LB137613
	Silver	1.62	+/-5	U	5.00	10.0	P	10/21/2025	20:07	LB137613
	Sodium	868	+/-1000	U	1000	2000	P	10/21/2025	20:07	LB137613
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/21/2025	20:07	LB137613
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/21/2025	20:07	LB137613
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/21/2025	20:07	LB137613

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.9	+/-50	J	80.0	100	P	10/23/2025	13:20	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	13:20	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:20	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	13:20	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	13:20	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Iron	25.5	+/-50	J	80.0	100	P	10/23/2025	13:20	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:20	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	13:20	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Nickel	6.19	+/-20	J	10.0	40.0	P	10/23/2025	13:20	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	13:20	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	13:20	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	13:20	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	13:20	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	13:20	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	13:57	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	13:57	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:57	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	13:57	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	13:57	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	13:57	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:57	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	13:57	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	13:57	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	13:57	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	13:57	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	13:57	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	13:57	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	13:57	LB137630
CCB02	Aluminum	22.6	+/-50	J	80.0	100	P	10/23/2025	15:08	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	15:08	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	15:08	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	15:08	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	15:08	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630
	Iron	34.2	+/-50	J	80.0	100	P	10/23/2025	15:08	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	15:08	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	15:08	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	15:08	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	15:08	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	15:08	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	15:08	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	15:08	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	15:08	LB137630
CCB03	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	16:11	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	16:11	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:11	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	16:11	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	16:11	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	16:11	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:11	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	16:11	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	16:11	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	16:11	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	16:11	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	16:11	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	16:11	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	16:11	LB137630
CCB04	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	16:47	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	16:47	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:47	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	16:47	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	16:47	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	16:47	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:47	LB137630

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	16:47	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	16:47	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	16:47	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	16:47	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	16:47	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	16:47	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	16:47	LB137630
CCB05	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	17:25	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	17:25	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	17:25	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	17:25	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	17:25	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	17:25	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	17:25	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	17:25	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	17:25	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	17:25	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	17:25	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	17:25	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	17:25	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	17:25	LB137630
CCB06	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	18:15	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	18:15	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	18:15	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	18:15	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	18:15	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	18:15	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	18:15	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	18:15	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	18:15	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	18:15	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	18:15	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	18:15	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	18:15	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	18:15	LB137630
CCB07	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	19:04	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	19:04	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:04	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	19:04	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	19:04	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	19:04	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:04	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	19:04	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	19:04	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	19:04	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	19:04	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	19:04	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	19:04	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	19:04	LB137630
CCB08	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	19:52	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	19:52	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:52	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	19:52	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	19:52	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	19:52	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:52	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	19:52	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	19:52	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	19:52	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	19:52	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	19:52	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	19:52	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	19:52	LB137630
CCB09	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	20:43	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	20:43	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	20:43	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	20:43	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	20:43	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	20:43	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	20:43	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	20:43	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	20:43	LB137630
	Potassium	918	+/-1000	U	1600	2000	P	10/23/2025	20:43	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Sodium	868	+/-1000	U	1000	2000	P	10/23/2025	20:43	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	20:43	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	20:43	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	20:43	LB137630
CCB10	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	21:34	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	21:34	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	21:34	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	21:34	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	21:34	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	21:34	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	21:34	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	21:34	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	21:34	LB137630
	Potassium	1010	+/-1000	J*	1600	2000	P	10/23/2025	21:34	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Sodium	1020	+/-1000	J*	1000	2000	P	10/23/2025	21:34	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	21:34	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	21:34	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	21:34	LB137630
CCB11	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	22:24	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	22:24	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:24	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	22:24	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	22:24	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	22:24	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:24	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	22:24	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	22:24	LB137630
	Potassium	6460	+/-1000	*	1600	2000	P	10/23/2025	22:24	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Sodium	10400	+/-1000	*	1000	2000	P	10/23/2025	22:24	LB137630
	Thallium	6.40	+/-20	J	20.0	40.0	P	10/23/2025	22:24	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	22:24	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	22:24	LB137630
CCB12	Aluminum	11.3	+/-50	U	80.0	100	P	10/23/2025	22:37	LB137630
	Antimony	6.76	+/-25	U	12.5	50.0	P	10/23/2025	22:37	LB137630
	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:37	LB137630
	Beryllium	0.56	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Calcium	234	+/-1000	U	500	2000	P	10/23/2025	22:37	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Cobalt	2.26	+/-15	U	7.50	30.0	P	10/23/2025	22:37	LB137630
	Copper	4.60	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Iron	23.4	+/-50	U	80.0	100	P	10/23/2025	22:37	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:37	LB137630
	Magnesium	244	+/-1000	U	500	2000	P	10/23/2025	22:37	LB137630
	Manganese	5.94	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630
	Nickel	3.06	+/-20	U	10.0	40.0	P	10/23/2025	22:37	LB137630
	Potassium	4640	+/-1000	*	1600	2000	P	10/23/2025	22:37	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Sodium	7480	+/-1000	*	1000	2000	P	10/23/2025	22:37	LB137630
	Thallium	4.38	+/-20	U	20.0	40.0	P	10/23/2025	22:37	LB137630
	Vanadium	6.26	+/-20	U	20.0	40.0	P	10/23/2025	22:37	LB137630
	Zinc	16.7	+/-20	U	15.0	40.0	P	10/23/2025	22:37	LB137630

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Metals
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PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170230BL		**SOLID**		**Batch Number:**		**PB170230**		**Prep Date:**	**10/23/2025**	
	Mercury	0.0080	<0.014	U	0.011	0.014	CV	10/23/2025	14:15	LB137626

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB170190BL		**SOLID**		**Batch Number:**		**PB170190**		**Prep Date:**	**10/21/2025**	
	Aluminum	0.84	<2.5	U	4.00	5.00	P	10/23/2025	14:36	LB137630
	Antimony	0.22	<1.25	U	0.63	2.50	P	10/23/2025	14:36	LB137630
	Arsenic	0.19	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Barium	0.73	<2.5	U	1.25	5.00	P	10/23/2025	14:36	LB137630
	Beryllium	0.025	<0.15	U	0.075	0.30	P	10/23/2025	14:36	LB137630
	Cadmium	0.024	<0.15	U	0.075	0.30	P	10/23/2025	14:36	LB137630
	Calcium	11.1	<50	U	25.0	100	P	10/23/2025	14:36	LB137630
	Chromium	0.047	<0.25	U	0.13	0.50	P	10/23/2025	14:36	LB137630
	Cobalt	0.10	<0.75	U	0.38	1.50	P	10/23/2025	14:36	LB137630
	Copper	0.22	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Iron	3.99	<2.5	U	4.00	5.00	P	10/23/2025	14:36	LB137630
	Lead	0.13	<0.3	U	0.48	0.60	P	10/23/2025	14:36	LB137630
	Magnesium	12.0	<50	U	25.0	100	P	10/23/2025	14:36	LB137630
	Manganese	0.14	<0.5	U	0.25	1.00	P	10/23/2025	14:36	LB137630
	Nickel	0.13	<1	U	0.50	2.00	P	10/23/2025	14:36	LB137630
	Potassium	46.7	<50	J	80.0	100	P	10/23/2025	14:36	LB137630
	Selenium	0.26	<0.5	U	0.80	1.00	P	10/23/2025	14:36	LB137630
	Silver	0.12	<0.25	U	0.25	0.50	P	10/23/2025	14:36	LB137630
	Sodium	33.0	<50	J	80.0	100	P	10/23/2025	14:36	LB137630
	Thallium	0.23	<1	U	1.00	2.00	P	10/23/2025	14:36	LB137630
	Vanadium	0.25	<1	U	1.00	2.00	P	10/23/2025	14:36	LB137630
	Zinc	0.23	<1	U	0.50	2.00	P	10/23/2025	14:36	LB137630

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Antimony	-1.70			-50	50	10/21/2025	12:59	LB137613
	Arsenic	7.43			-20	20	10/21/2025	12:59	LB137613
	Barium	0.21	6.0	4	-94	106	10/21/2025	12:59	LB137613
	Beryllium	1.68			-6	6	10/21/2025	12:59	LB137613
	Cadmium	1.42	1.0	142	-5	7	10/21/2025	12:59	LB137613
	Calcium	219000	245000	89	208000	282000	10/21/2025	12:59	LB137613
	Chromium	43.7	52.0	84	42	62	10/21/2025	12:59	LB137613
	Cobalt	1.87			-30	30	10/21/2025	12:59	LB137613
	Copper	17.8	2.0	890	-18	22	10/21/2025	12:59	LB137613
	Iron	91400	101000	90	85600	116500	10/21/2025	12:59	LB137613
	Lead	-3.56			-12	12	10/21/2025	12:59	LB137613
	Magnesium	231000	255000	91	216000	294000	10/21/2025	12:59	LB137613
	Manganese	5.70	7.0	81	-13	27	10/21/2025	12:59	LB137613
	Nickel	3.80	2.0	190	-38	42	10/21/2025	12:59	LB137613
	Potassium	251			0	0	10/21/2025	12:59	LB137613
	Selenium	6.37			-20	20	10/21/2025	12:59	LB137613
	Silver	-2.89			-10	10	10/21/2025	12:59	LB137613
	Sodium	51.5			0	0	10/21/2025	12:59	LB137613
	Thallium	15.4			-40	40	10/21/2025	12:59	LB137613
	Vanadium	3.58			-40	40	10/21/2025	12:59	LB137613
	Zinc	3.44			-40	40	10/21/2025	12:59	LB137613
ICSAB01	Aluminum	242000	247000	98	209000	285000	10/21/2025	13:03	LB137613
	Antimony	578	618	94	525	711	10/21/2025	13:03	LB137613
	Arsenic	103	104	99	88.4	120	10/21/2025	13:03	LB137613
	Barium	471	537	88	437	637	10/21/2025	13:03	LB137613
	Beryllium	498	495	101	420	570	10/21/2025	13:03	LB137613
	Cadmium	974	972	100	826	1120	10/21/2025	13:03	LB137613
	Calcium	228000	235000	97	199000	271000	10/21/2025	13:03	LB137613
	Chromium	536	542	99	460	624	10/21/2025	13:03	LB137613
	Cobalt	490	476	103	404	548	10/21/2025	13:03	LB137613
	Copper	479	511	94	434	588	10/21/2025	13:03	LB137613
	Iron	97500	99300	98	84400	114500	10/21/2025	13:03	LB137613
	Lead	45.8	49.0	94	37	61	10/21/2025	13:03	LB137613
	Magnesium	242000	248000	98	210000	286000	10/21/2025	13:03	LB137613
	Manganese	469	507	92	430	584	10/21/2025	13:03	LB137613
	Nickel	973	954	102	810	1100	10/21/2025	13:03	LB137613
	Potassium	242			0	0	10/21/2025	13:03	LB137613
	Selenium	55.1	46.0	120	26	66	10/21/2025	13:03	LB137613
	Silver	203	201	101	170	232	10/21/2025	13:03	LB137613
	Sodium	95.7			0	0	10/21/2025	13:03	LB137613
	Thallium	110	108	102	68	148	10/21/2025	13:03	LB137613

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	469	491	96	417	565	10/21/2025	13:03	LB137613
	Zinc	1020	952	107	809	1095	10/21/2025	13:03	LB137613
ICSA01	Aluminum	245000	255000	96	216000	294000	10/23/2025	13:28	LB137630
	Antimony	-3.70			-50	50	10/23/2025	13:28	LB137630
	Arsenic	8.83			-20	20	10/23/2025	13:28	LB137630
	Barium	2.45	6.0	41	-94	106	10/23/2025	13:28	LB137630
	Beryllium	1.83			-6	6	10/23/2025	13:28	LB137630
	Cadmium	-0.071	1.0	7	-5	7	10/23/2025	13:28	LB137630
	Calcium	236000	245000	96	208000	282000	10/23/2025	13:28	LB137630
	Chromium	48.5	52.0	93	42	62	10/23/2025	13:28	LB137630
	Cobalt	1.92			-30	30	10/23/2025	13:28	LB137630
	Copper	12.3	2.0	615	-18	22	10/23/2025	13:28	LB137630
	Iron	103000	101000	102	85600	116500	10/23/2025	13:28	LB137630
	Lead	-2.09			-12	12	10/23/2025	13:28	LB137630
	Magnesium	249000	255000	98	216000	294000	10/23/2025	13:28	LB137630
	Manganese	6.48	7.0	93	-13	27	10/23/2025	13:28	LB137630
	Nickel	3.96	2.0	198	-38	42	10/23/2025	13:28	LB137630
	Potassium	163			0	0	10/23/2025	13:28	LB137630
	Selenium	4.51			-20	20	10/23/2025	13:28	LB137630
	Silver	-2.45			-10	10	10/23/2025	13:28	LB137630
	Sodium	130			0	0	10/23/2025	13:28	LB137630
	Thallium	13.1			-40	40	10/23/2025	13:28	LB137630
	Vanadium	-0.28			-40	40	10/23/2025	13:28	LB137630
	Zinc	3.55			-40	40	10/23/2025	13:28	LB137630
ICSAB01	Aluminum	243000	247000	98	209000	285000	10/23/2025	13:39	LB137630
	Antimony	593	618	96	525	711	10/23/2025	13:39	LB137630
	Arsenic	107	104	103	88.4	120	10/23/2025	13:39	LB137630
	Barium	483	537	90	437	637	10/23/2025	13:39	LB137630
	Beryllium	511	495	103	420	570	10/23/2025	13:39	LB137630
	Cadmium	994	972	102	826	1120	10/23/2025	13:39	LB137630
	Calcium	233000	235000	99	199000	271000	10/23/2025	13:39	LB137630
	Chromium	550	542	102	460	624	10/23/2025	13:39	LB137630
	Cobalt	499	476	105	404	548	10/23/2025	13:39	LB137630
	Copper	485	511	95	434	588	10/23/2025	13:39	LB137630
	Iron	101000	99300	102	84400	114500	10/23/2025	13:39	LB137630
	Lead	46.0	49.0	94	37	61	10/23/2025	13:39	LB137630
	Magnesium	246000	248000	99	210000	286000	10/23/2025	13:39	LB137630
	Manganese	489	507	96	430	584	10/23/2025	13:39	LB137630
	Nickel	993	954	104	810	1100	10/23/2025	13:39	LB137630
	Potassium	-86.3			0	0	10/23/2025	13:39	LB137630
	Selenium	55.7	46.0	121	26	66	10/23/2025	13:39	LB137630
	Silver	206	201	102	170	232	10/23/2025	13:39	LB137630

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Metals
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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	46.8			0	0	10/23/2025	13:39	LB137630
	Thallium	119	108	110	68	148	10/23/2025	13:39	LB137630
	Vanadium	479	491	98	417	565	10/23/2025	13:39	LB137630
	Zinc	1030	952	108	809	1095	10/23/2025	13:39	LB137630

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3412-01 **client id:** TP-6MS

Percent Solids for Sample: 89.7 **Spiked ID:** Q3412-01MS **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	7390		6670		100	722		P
Antimony	mg/Kg	79 - 114	11.4		2.28	U	40.0	28	N	P
Arsenic	mg/Kg	82 - 111	31.6		3.15		40.0	71	N	P
Barium	mg/Kg	83 - 113	58.8		51.4		10.0	73		P
Beryllium	mg/Kg	83 - 113	8.07		1.04		10.0	70	N	P
Cadmium	mg/Kg	82 - 113	9.53		0.21	J	10.0	93		P
Calcium	mg/Kg	81 - 116	1730		1720		50.0	18		P
Chromium	mg/Kg	85 - 113	23.7		9.49		20.0	71	N	P
Cobalt	mg/Kg	85 - 112	17.6		8.76		10.0	88		P
Copper	mg/Kg	81 - 117	36.9		28.4		15.0	57	N	P
Iron	mg/Kg	81 - 118	14100		15300		150	-782		P
Lead	mg/Kg	81 - 112	79.8		67.0		50.0	26	N	P
Magnesium	mg/Kg	78 - 115	3560		3280		100	288		P
Manganese	mg/Kg	84 - 114	385		385		10.0	-1		P
Nickel	mg/Kg	83 - 113	40.8		18.2		25.0	91		P
Potassium	mg/Kg	81 - 116	1560		1110		500	90		P
Selenium	mg/Kg	78 - 111	67.1		0.91	U	100	67	N	P
Silver	mg/Kg	82 - 112	2.30		0.46	U	3.7	62	N	P
Sodium	mg/Kg	83 - 118	593		534		150	39	N	P
Thallium	mg/Kg	83 - 111	78.7		1.83	U	100	79	N	P
Vanadium	mg/Kg	82 - 114	27.8		17.3		15.0	70	N	P
Zinc	mg/Kg	82 - 113	51.0		43.1		10.0	79		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3412-01 **client id:** TP-6MSD

Percent Solids for Sample: 89.7 **Spiked ID:** Q3412-01MSD **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	74 - 119	7480		6670		97.4	838		P
Antimony	mg/Kg	79 - 114	12.2		2.28	U	38.9	31	N	P
Arsenic	mg/Kg	82 - 111	31.8		3.15		38.9	74	N	P
Barium	mg/Kg	83 - 113	65.3		51.4		9.7	143		P
Beryllium	mg/Kg	83 - 113	8.23		1.04		9.7	74	N	P
Cadmium	mg/Kg	82 - 113	9.87		0.21	J	9.7	100		P
Calcium	mg/Kg	81 - 116	3150		1720		48.7	2930		P
Chromium	mg/Kg	85 - 113	24.3		9.49		19.5	76	N	P
Cobalt	mg/Kg	85 - 112	18.5		8.76		9.7	101		P
Copper	mg/Kg	81 - 117	42.0		28.4		14.6	93		P
Iron	mg/Kg	81 - 118	14700		15300		150	-420		P
Lead	mg/Kg	81 - 112	89.2		67.0		48.7	46	N	P
Magnesium	mg/Kg	78 - 115	3500		3280		97.4	233		P
Manganese	mg/Kg	84 - 114	428		385		9.7	443		P
Nickel	mg/Kg	83 - 113	42.3		18.2		24.3	99		P
Potassium	mg/Kg	81 - 116	1480		1110		490	75	N	P
Selenium	mg/Kg	78 - 111	66.6		0.91	U	97.4	68	N	P
Silver	mg/Kg	82 - 112	2.17		0.46	U	3.7	59	N	P
Sodium	mg/Kg	83 - 118	579		534		150	30	N	P
Thallium	mg/Kg	83 - 111	82.9		1.83	U	97.4	85		P
Vanadium	mg/Kg	82 - 114	28.6		17.3		14.6	77	N	P
Zinc	mg/Kg	82 - 113	52.1		43.1		9.7	93		P

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3419-01 **client id:** PR-132-S16-015094-20251021MS

Percent Solids for Sample: 54.4 **Spiked ID:** Q3419-02 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	2.53	D	2.62	D	0.43	-20		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Solid **sample id:** Q3419-01 **client id:** PR-132-S16-015094-20251021MSD

Percent Solids for Sample: 54.4 **Spiked ID:** Q3419-03 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	2.62	D	2.62	D	0.48	0		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Level:** LOW **Client ID:** TP-6A

Sample ID: Q3412-01 **Spiked ID:** Q3412-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	79 - 114	27.9		2.28	U	36.6	76	N	P
Arsenic	mg/Kg	82 - 111	32.1		3.15		36.6	79	N	P
Beryllium	mg/Kg	83 - 113	8.31		1.04		9.10	80	N	P
Chromium	mg/Kg	85 - 113	23.6		9.49		18.3	77	N	P
Copper	mg/Kg	81 - 117	38.2		28.4		13.7	71	N	P
Lead	mg/Kg	81 - 112	102		67.0		45.7	78	N	P
Potassium	mg/Kg	81 - 116	1350		1110		460	52	N	P
Selenium	mg/Kg	78 - 111	71.7		0.91	U	91.4	78		P
Silver	mg/Kg	82 - 112	2.18		0.46	U	3.40	64	N	P
Sodium	mg/Kg	83 - 118	508		534		140	-19	N	P
Thallium	mg/Kg	83 - 111	78.0		1.83	U	91.4	85		P
Vanadium	mg/Kg	82 - 114	27.8		17.3		13.7	76	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3412-01 **Client ID:** TP-6DUP

Percent Solids for Sample: 89.7 **Duplicate ID** Q3412-01DUP **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6670		7260		8		P
Antimony	mg/Kg	20	2.28	U	2.51	U			P
Arsenic	mg/Kg	20	3.15		3.54		12		P
Barium	mg/Kg	20	51.4		55.8		8		P
Beryllium	mg/Kg	20	1.04		1.13		8		P
Cadmium	mg/Kg	20	0.21	J	0.23	J	10		P
Calcium	mg/Kg	20	1720		1880		9		P
Chromium	mg/Kg	20	9.49		10.5		10		P
Cobalt	mg/Kg	20	8.76		9.67		10		P
Copper	mg/Kg	20	28.4		31.3		10		P
Iron	mg/Kg	20	15300		16700		9		P
Lead	mg/Kg	20	67.0		73.1		9		P
Magnesium	mg/Kg	20	3280		3560		8		P
Manganese	mg/Kg	20	385		418		8		P
Nickel	mg/Kg	20	18.2		20.0		9		P
Potassium	mg/Kg	20	1110		1200		8		P
Selenium	mg/Kg	20	0.91	U	1.00	U			P
Silver	mg/Kg	20	0.46	U	0.50	U			P
Sodium	mg/Kg	20	534		525		2		P
Thallium	mg/Kg	20	1.83	U	2.01	U			P
Vanadium	mg/Kg	20	17.3		19.0		9		P
Zinc	mg/Kg	20	43.1		47.2		9		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3412-01MS **Client ID:** TP-6MSD

Percent Solids for Sample: 89.7 **Duplicate ID** Q3412-01MSD **Percent Solids for Spike Sample:** 89.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7390		7480		1		P
Antimony	mg/Kg	20	11.4		12.2		7		P
Arsenic	mg/Kg	20	31.6		31.8		1		P
Barium	mg/Kg	20	58.8		65.3		10		P
Beryllium	mg/Kg	20	8.07		8.23		2		P
Cadmium	mg/Kg	20	9.53		9.87		4		P
Calcium	mg/Kg	20	1730		3150		58	*	P
Chromium	mg/Kg	20	23.7		24.3		3		P
Cobalt	mg/Kg	20	17.6		18.5		5		P
Copper	mg/Kg	20	36.9		42.0		13		P
Iron	mg/Kg	20	14100		14700		4		P
Lead	mg/Kg	20	79.8		89.2		11		P
Magnesium	mg/Kg	20	3560		3500		2		P
Manganese	mg/Kg	20	385		428		11		P
Nickel	mg/Kg	20	40.8		42.3		4		P
Potassium	mg/Kg	20	1560		1480		5		P
Selenium	mg/Kg	20	67.1		66.6		1		P
Silver	mg/Kg	20	2.30		2.17		6		P
Sodium	mg/Kg	20	593		579		2		P
Thallium	mg/Kg	20	78.7		82.9		5		P
Vanadium	mg/Kg	20	27.8		28.6		3		P
Zinc	mg/Kg	20	51.0		52.1		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3419-01 **Client ID:** PR-132-S16-015094-20251021DUP

Percent Solids for Sample: 54.4 **Duplicate ID** Q3419-01DUP **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.62	D	1.92	D	31	*	CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Solid **Sample ID:** Q3419-02 **Client ID:** PR-132-S16-015094-20251021MSD

Percent Solids for Sample: 54.4 **Duplicate ID** Q3419-03 **Percent Solids for Spike Sample:** 54.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	2.53	D	2.62	D	3		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170190BS							
Aluminum	mg/Kg	100	91.8		92	74 - 119	P
Antimony	mg/Kg	40.0	36.5		91	79 - 114	P
Arsenic	mg/Kg	40.0	35.8		90	82 - 111	P
Barium	mg/Kg	10.0	9.00		90	83 - 113	P
Beryllium	mg/Kg	10.0	9.68		97	83 - 113	P
Cadmium	mg/Kg	10.0	8.59		86	82 - 113	P
Calcium	mg/Kg	50.0	47.0	J	94	81 - 116	P
Chromium	mg/Kg	20.0	18.4		92	85 - 113	P
Cobalt	mg/Kg	10.0	8.79		88	85 - 112	P
Copper	mg/Kg	15.0	14.1		94	81 - 117	P
Iron	mg/Kg	150	133		89	81 - 118	P
Lead	mg/Kg	50.0	42.9		86	81 - 112	P
Magnesium	mg/Kg	100	92.5	J	92	78 - 115	P
Manganese	mg/Kg	10.0	9.46		95	84 - 114	P
Nickel	mg/Kg	25.0	22.0		88	83 - 113	P
Potassium	mg/Kg	500	468		94	81 - 116	P
Selenium	mg/Kg	100	90.1		90	78 - 111	P
Silver	mg/Kg	3.8	3.28		86	82 - 112	P
Sodium	mg/Kg	150	157		105	83 - 118	P
Thallium	mg/Kg	100	88.1		88	83 - 111	P
Vanadium	mg/Kg	15.0	13.7		91	82 - 114	P
Zinc	mg/Kg	10.0	9.26		93	82 - 113	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170230BS							
Mercury	mg/Kg	0.28	0.26		91	80 - 124	CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-6L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137630 **Lab Sample ID :** Q3412-01L **SDG No.:** Q3399

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	6670		7280		9		P
Antimony	2.28	U	11.4	U			P
Arsenic	3.15		3.40	J	8		P
Barium	51.4		57.9		13		P
Beryllium	1.04		1.16	J	12		P
Cadmium	0.21	J	1.37	U	100.0		P
Calcium	1720		1960		14		P
Chromium	9.49		11.1		17		P
Cobalt	8.76		7.93		9		P
Copper	28.4		33.8		19		P
Iron	15300		16300		6		P
Lead	67.0		56.2		16		P
Magnesium	3280		3610		10		P
Manganese	385		443		15		P
Nickel	18.2		16.4		10		P
Potassium	1110		1200		8		P
Selenium	0.91	U	4.57	U			P
Silver	0.46	U	2.28	U			P
Sodium	534		561		5		P
Thallium	1.83	U	1.07	J	100.0		P
Vanadium	17.3		19.4		12		P
Zinc	43.1		48.0		11		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

PR-132-S16-015094-20251021L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137626 **Lab Sample ID :** Q3419-01L **SDG No.:** Q3399

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	2.13	OR	2.26		6		CV

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170190**						
PB170190BL	PB170190BL	MB	SOLID	10/21/2025	2.00	100.0	100.00
PB170190BS	PB170190BS	LCS	SOLID	10/21/2025	2.00	100.0	100.00
Q3399-01	COMP-ROLLOFF	SAM	SOLID	10/21/2025	2.41	100.0	89.90
Q3412-01DUP	TP-6DUP	DUP	SOLID	10/21/2025	2.22	100.0	89.70
Q3412-01MS	TP-6MS	MS	SOLID	10/21/2025	2.23	100.0	89.70
Q3412-01MSD	TP-6MSD	MSD	SOLID	10/21/2025	2.29	100.0	89.70

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170230**						
PB170230BL	PB170230BL	MB	SOLID	10/23/2025	0.50	35.0	100.00
PB170230BS	PB170230BS	LCS	SOLID	10/23/2025	0.50	35.0	100.00
Q3399-01	COMP-ROLLOFF	SAM	SOLID	10/23/2025	0.59	35.0	89.90
Q3419-01DUP	PR-132-S16-015094-20251021DUP	DUP	SOLID	10/23/2025	0.55	35.0	54.40
Q3419-02	PR-132-S16-015094-20251021MS	MS	SOLID	10/23/2025	0.60	35.0	54.40
Q3419-03	PR-132-S16-015094-20251021MSD	MSD	SOLID	10/23/2025	0.54	35.0	54.40

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137613

Start date: 10/21/2025 **End date:** 10/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1203	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1212	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1216	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1244	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1259	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1345	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1354	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1503	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1507	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1556	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1648	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1652	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1737	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1827	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1831	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3399-01	COMP-ROLLOFF	1	1901	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2003	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2007	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137626

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1331	HG
S0.2	S0.2	1	1334	HG
S2.5	S2.5	1	1336	HG
S5	S5	1	1339	HG
S7.5	S7.5	1	1341	HG
S10	S10	1	1347	HG
ICV85	ICV85	1	1351	HG
ICB85	ICB85	1	1357	HG
CCV79	CCV79	1	1401	HG
CCB79	CCB79	1	1405	HG
CRA	CRA	1	1407	HG
PB170230BL	PB170230BL	1	1415	HG
PB170230BS	PB170230BS	1	1420	HG
Q3399-01	COMP-ROLLOFF	1	1422	HG
CCV80	CCV80	1	1435	HG
CCB80	CCB80	1	1438	HG
CCV81	CCV81	1	1509	HG
CCB81	CCB81	1	1511	HG
Q3419-01L	PR-132-S16-015094-20251021L	5	1521	HG
CCV82	CCV82	1	1529	HG
CCB82	CCB82	1	1532	HG
Q3419-01DUP	PR-132-S16-015094-20251021D	10	1537	HG
Q3419-02	PR-132-S16-015094-20251021M	10	1539	HG
Q3419-03	PR-132-S16-015094-20251021M	10	1542	HG
CCV83	CCV83	1	1559	HG
CCB83	CCB83	1	1602	HG
CCV84	CCV84	1	1614	HG
CCB84	CCB84	1	1616	HG

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1240	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1245	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1249	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1253	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1257	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1314	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1324	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1328	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1339	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1352	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170190BS	PB170190BS	1	1423	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB170190BL	PB170190BL	1	1436	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1508	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1556	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1611	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1647	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1721	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1725	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01DUP	TP-6DUP	1	1807	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1811	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1815	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01L	TP-6L	5	1819	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01MS	TP-6MS	1	1823	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01MSD	TP-6MSD	1	1827	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3412-01A	TP-6A	1	1831	Ag,As,Be,Cr,Cu,K,Na,Pb,Sb,Se,Tl,V
CCV07	CCV07	1	1859	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1904	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1948	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1952	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2039	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2043	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2130	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	2134	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	2220	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	2224	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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metals
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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV12	CCV12	1	2233	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB12	CCB12	1	2237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25**			**10/20/25**
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6010D		10/21/25	10/21/25	
Q3399-02	**COMP-ROLLOFF**	**TCLP**			**10/20/25**			**10/20/25**
			TCLP ICP Metals	6010D		10/22/25	10/23/25	
			TCLP Mercury	7470A		10/22/25	10/23/25	

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Hit Summary Sheet
SW-846

SDG No.:	Q3399	**Order ID:**	Q3399
Client:	ICE Service Group, Inc.	**Project ID:**	NWIRP Northrup Grumman Site – Bethpag

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : COMP-ROLLOFF									
Q3399-02	COMP-ROLLOFF	TCLP	Barium	363	J	72.8	125	500	ug/L

SAMPLE DATA

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	75.0	U	1	25.6	75.0	100	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-39-3	Barium	363	JN	1	72.8	125	500	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-43-9	Cadmium	7.50	U	1	2.50	7.50	30.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-47-3	Chromium	25.0	U	1	10.6	25.0	50.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7439-92-1	Lead	48.0	U	1	11.5	48.0	60.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7439-97-6	Mercury	1.60	U	1	0.76	1.60	2.00	ug/L	10/22/25 13:30	10/23/25 08:45	7470A	7470A
7782-49-2	Selenium	80.0	U	1	48.2	80.0	100	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A
7440-22-4	Silver	25.0	U	1	8.10	25.0	50.0	ug/L	10/22/25 12:30	10/23/25 15:30	6010D	SW3010A

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV84	Mercury	3.99	4.0	100	90 - 110	CV	10/23/2025	08:15	LB137620

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV75	Mercury	5.03	5.0	101	90 - 110	CV	10/23/2025	08:22	LB137620
CCV76	Mercury	5.05	5.0	101	90 - 110	CV	10/23/2025	08:50	LB137620
CCV77	Mercury	4.90	5.0	98	90 - 110	CV	10/23/2025	09:18	LB137620
CCV78	Mercury	5.05	5.0	101	90 - 110	CV	10/23/2025	09:36	LB137620

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3870	4000	97	90 - 110	P	10/23/2025	13:05	LB137630
	Barium	7690	8000	96	90 - 110	P	10/23/2025	13:05	LB137630
	Cadmium	2050	2000	103	90 - 110	P	10/23/2025	13:05	LB137630
	Chromium	800	800	100	90 - 110	P	10/23/2025	13:05	LB137630
	Lead	3900	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Selenium	3910	4000	98	90 - 110	P	10/23/2025	13:05	LB137630
	Silver	1010	1000	101	90 - 110	P	10/23/2025	13:05	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	22.1	20.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Barium	98.7	100	99	80 - 120	P	10/23/2025	13:14	LB137630
	Cadmium	5.95	6.0	99	80 - 120	P	10/23/2025	13:14	LB137630
	Chromium	11.0	10.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Lead	13.2	12.0	110	80 - 120	P	10/23/2025	13:14	LB137630
	Selenium	23.6	20.0	118	80 - 120	P	10/23/2025	13:14	LB137630
	Silver	10.7	10.0	106	80 - 120	P	10/23/2025	13:14	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5250	5000	105	90 - 110	P	10/23/2025	13:52	LB137630
	Barium	9900	10000	99	90 - 110	P	10/23/2025	13:52	LB137630
	Cadmium	2580	2500	103	90 - 110	P	10/23/2025	13:52	LB137630
	Chromium	1060	1000	106	90 - 110	P	10/23/2025	13:52	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	13:52	LB137630
	Selenium	5330	5000	107	90 - 110	P	10/23/2025	13:52	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	13:52	LB137630
CCV02	Arsenic	5240	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Barium	10600	10000	106	90 - 110	P	10/23/2025	15:04	LB137630
	Cadmium	2630	2500	105	90 - 110	P	10/23/2025	15:04	LB137630
	Chromium	1050	1000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Lead	5230	5000	105	90 - 110	P	10/23/2025	15:04	LB137630
	Selenium	5210	5000	104	90 - 110	P	10/23/2025	15:04	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	15:04	LB137630
CCV03	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	15:56	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	15:56	LB137630
	Chromium	1030	1000	103	90 - 110	P	10/23/2025	15:56	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	15:56	LB137630
	Selenium	4960	5000	99	90 - 110	P	10/23/2025	15:56	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	15:56	LB137630
CCV04	Arsenic	4960	5000	99	90 - 110	P	10/23/2025	16:43	LB137630
	Barium	9850	10000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Cadmium	2520	2500	101	90 - 110	P	10/23/2025	16:43	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Lead	5020	5000	100	90 - 110	P	10/23/2025	16:43	LB137630
	Selenium	4920	5000	98	90 - 110	P	10/23/2025	16:43	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	16:43	LB137630
CCV05	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	17:21	LB137630
	Barium	10300	10000	103	90 - 110	P	10/23/2025	17:21	LB137630
	Cadmium	2640	2500	105	90 - 110	P	10/23/2025	17:21	LB137630
	Chromium	967	1000	97	90 - 110	P	10/23/2025	17:21	LB137630
	Lead	5250	5000	105	90 - 110	P	10/23/2025	17:21	LB137630
	Selenium	5180	5000	104	90 - 110	P	10/23/2025	17:21	LB137630

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1290	1250	103	90 - 110	P	10/23/2025	17:21	LB137630
CCV06	Arsenic	5210	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Barium	10000	10000	100	90 - 110	P	10/23/2025	18:11	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	18:11	LB137630
	Chromium	987	1000	99	90 - 110	P	10/23/2025	18:11	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	18:11	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	18:11	LB137630
	Silver	1320	1250	105	90 - 110	P	10/23/2025	18:11	LB137630
CCV07	Arsenic	5030	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Barium	9590	10000	96	90 - 110	P	10/23/2025	18:59	LB137630
	Cadmium	2530	2500	101	90 - 110	P	10/23/2025	18:59	LB137630
	Chromium	952	1000	95	90 - 110	P	10/23/2025	18:59	LB137630
	Lead	5060	5000	101	90 - 110	P	10/23/2025	18:59	LB137630
	Selenium	5090	5000	102	90 - 110	P	10/23/2025	18:59	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	18:59	LB137630
CCV08	Arsenic	5200	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Barium	9920	10000	99	90 - 110	P	10/23/2025	19:48	LB137630
	Cadmium	2670	2500	107	90 - 110	P	10/23/2025	19:48	LB137630
	Chromium	999	1000	100	90 - 110	P	10/23/2025	19:48	LB137630
	Lead	5320	5000	106	90 - 110	P	10/23/2025	19:48	LB137630
	Selenium	5190	5000	104	90 - 110	P	10/23/2025	19:48	LB137630
	Silver	1300	1250	104	90 - 110	P	10/23/2025	19:48	LB137630
CCV09	Arsenic	5320	5000	106	90 - 110	P	10/23/2025	20:39	LB137630
	Barium	9990	10000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Cadmium	2690	2500	108	90 - 110	P	10/23/2025	20:39	LB137630
	Chromium	1000	1000	100	90 - 110	P	10/23/2025	20:39	LB137630
	Lead	5380	5000	108	90 - 110	P	10/23/2025	20:39	LB137630
	Selenium	5360	5000	107	90 - 110	P	10/23/2025	20:39	LB137630
	Silver	1320	1250	106	90 - 110	P	10/23/2025	20:39	LB137630
CCV10	Arsenic	5010	5000	100	90 - 110	P	10/23/2025	21:30	LB137630
	Barium	9490	10000	95	90 - 110	P	10/23/2025	21:30	LB137630
	Cadmium	2570	2500	103	90 - 110	P	10/23/2025	21:30	LB137630
	Chromium	962	1000	96	90 - 110	P	10/23/2025	21:30	LB137630
	Lead	5110	5000	102	90 - 110	P	10/23/2025	21:30	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Selenium	5040	5000	101	90 - 110	P	10/23/2025	21:30	LB137630
	Silver	1280	1250	102	90 - 110	P	10/23/2025	21:30	LB137630
CCV11	Arsenic	4980	5000	100	90 - 110	P	10/23/2025	22:20	LB137630
	Barium	9350	10000	94	90 - 110	P	10/23/2025	22:20	LB137630
	Cadmium	2590	2500	104	90 - 110	P	10/23/2025	22:20	LB137630
	Chromium	951	1000	95	90 - 110	P	10/23/2025	22:20	LB137630
	Lead	5160	5000	103	90 - 110	P	10/23/2025	22:20	LB137630
	Selenium	4940	5000	99	90 - 110	P	10/23/2025	22:20	LB137630
	Silver	1230	1250	99	90 - 110	P	10/23/2025	22:20	LB137630
CCV12	Arsenic	4920	5000	98	90 - 110	P	10/23/2025	22:33	LB137630
	Barium	9070	10000	91	90 - 110	P	10/23/2025	22:33	LB137630
	Cadmium	2540	2500	102	90 - 110	P	10/23/2025	22:33	LB137630
	Chromium	932	1000	93	90 - 110	P	10/23/2025	22:33	LB137630
	Lead	5070	5000	101	90 - 110	P	10/23/2025	22:33	LB137630
	Selenium	4930	5000	99	90 - 110	P	10/23/2025	22:33	LB137630
	Silver	1220	1250	98	90 - 110	P	10/23/2025	22:33	LB137630

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Metals

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CRDL STANDARD FOR AA & ICP

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	110	70 - 130	CV	10/23/2025	08:27	LB137620
CRI01	Arsenic	22.0	20.0	110	65 - 135	P	10/23/2025	13:24	LB137630
	Barium	92.8	100	93	65 - 135	P	10/23/2025	13:24	LB137630
	Cadmium	5.69	6.0	95	65 - 135	P	10/23/2025	13:24	LB137630
	Chromium	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630
	Lead	10.8	12.0	90	65 - 135	P	10/23/2025	13:24	LB137630
	Selenium	19.5	20.0	98	65 - 135	P	10/23/2025	13:24	LB137630
	Silver	10.2	10.0	102	65 - 135	P	10/23/2025	13:24	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB84	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:18	LB137620

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB75	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:24	LB137620
CCB76	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	08:52	LB137620
CCB77	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	09:20	LB137620
CCB78	Mercury	0.076	+/-0.2	U	0.16	0.20	CV	10/23/2025	09:38	LB137620

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:20	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:20	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:20	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:20	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:20	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:20	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	13:57	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	13:57	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	13:57	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	13:57	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	13:57	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	13:57	LB137630
CCB02	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	15:08	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	15:08	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	15:08	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	15:08	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	15:08	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	15:08	LB137630
CCB03	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:11	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:11	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:11	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:11	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:11	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:11	LB137630
CCB04	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	16:47	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	16:47	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	16:47	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	16:47	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	16:47	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	16:47	LB137630
CCB05	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	17:25	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	17:25	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	17:25	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	17:25	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	17:25	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	17:25	LB137630
CCB06	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	18:15	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	18:15	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	18:15	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	18:15	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	18:15	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	18:15	LB137630
CCB07	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:04	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:04	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:04	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:04	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:04	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:04	LB137630
CCB08	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	19:52	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	19:52	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	19:52	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	19:52	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	19:52	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	19:52	LB137630
CCB09	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	20:43	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	20:43	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	20:43	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	20:43	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	20:43	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	20:43	LB137630
CCB10	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	21:34	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	21:34	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	21:34	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	21:34	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	21:34	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	21:34	LB137630
CCB11	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:24	LB137630
	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:24	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:24	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:24	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:24	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:24	LB137630
CCB12	Arsenic	5.12	+/-10	U	15.0	20.0	P	10/23/2025	22:37	LB137630

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Barium	14.6	+/-50	U	25.0	100	P	10/23/2025	22:37	LB137630
	Cadmium	0.50	+/-3	U	1.50	6.00	P	10/23/2025	22:37	LB137630
	Chromium	2.12	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630
	Lead	2.30	+/-6	U	9.60	12.0	P	10/23/2025	22:37	LB137630
	Selenium	9.64	+/-10	U	16.0	20.0	P	10/23/2025	22:37	LB137630
	Silver	1.62	+/-5	U	5.00	10.0	P	10/23/2025	22:37	LB137630

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170172TB		**WATER**		**Batch Number:**		**PB170219**		**Prep Date:**	**10/22/2025**	
	Mercury	0.76	<2	U	1.60	2.00	CV	10/23/2025	09:25	LB137620

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170219BL		**WATER**		**Batch Number:**		**PB170219**		**Prep Date:**	**10/22/2025**	
	Mercury	0.076	<0.2	U	0.16	0.20	CV	10/23/2025	08:34	LB137620

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170214BL		**WATER**		**Batch Number:**		**PB170214**		**Prep Date:**	**10/22/2025**	
	Arsenic	25.6	<50	U	75.0	100	P	10/23/2025	19:27	LB137630
	Barium	72.8	<250	U	125	500	P	10/23/2025	19:27	LB137630
	Cadmium	2.50	<15	U	7.50	30.0	P	10/23/2025	19:27	LB137630
	Chromium	10.6	<25	U	25.0	50.0	P	10/23/2025	19:27	LB137630
	Lead	11.5	<30	U	48.0	60.0	P	10/23/2025	19:27	LB137630
	Selenium	48.2	<50	U	80.0	100	P	10/23/2025	19:27	LB137630
	Silver	8.10	<25	U	25.0	50.0	P	10/23/2025	19:27	LB137630

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170172TB		**WATER**		**Batch Number:**		**PB170214**		**Prep Date:**	**10/22/2025**	
	Arsenic	25.6	<50	U	75.0	100	P	10/23/2025	19:36	LB137630
	Barium	72.8	<250	U	125	500	P	10/23/2025	19:36	LB137630
	Cadmium	2.50	<15	U	7.50	30.0	P	10/23/2025	19:36	LB137630
	Chromium	10.6	<25	U	25.0	50.0	P	10/23/2025	19:36	LB137630
	Lead	11.5	<30	U	48.0	60.0	P	10/23/2025	19:36	LB137630
	Selenium	48.2	<50	U	80.0	100	P	10/23/2025	19:36	LB137630
	Silver	8.10	<25	U	25.0	50.0	P	10/23/2025	19:36	LB137630

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INTERFERENCE CHECK SAMPLE

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	8.83			-20	20	10/23/2025	13:28	LB137630
	Barium	2.45	6.0	41	-94	106	10/23/2025	13:28	LB137630
	Cadmium	-0.071	1.0	7	-5	7	10/23/2025	13:28	LB137630
	Chromium	48.5	52.0	93	42	62	10/23/2025	13:28	LB137630
	Lead	-2.09			-12	12	10/23/2025	13:28	LB137630
	Selenium	4.51			-20	20	10/23/2025	13:28	LB137630
	Silver	-2.45			-10	10	10/23/2025	13:28	LB137630
ICSAB01	Arsenic	107	104	103	88.4	120	10/23/2025	13:39	LB137630
	Barium	483	537	90	437	637	10/23/2025	13:39	LB137630
	Cadmium	994	972	102	826	1120	10/23/2025	13:39	LB137630
	Chromium	550	542	102	460	624	10/23/2025	13:39	LB137630
	Lead	46.0	49.0	94	37	61	10/23/2025	13:39	LB137630
	Selenium	55.7	46.0	121	26	66	10/23/2025	13:39	LB137630
	Silver	206	201	102	170	232	10/23/2025	13:39	LB137630

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Water **sample id:** Q3412-04 **client id:** TP-6MS

Percent Solids for Sample: NA **Spiked ID:** Q3412-04MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	4030		100	U	4000	101		P
Barium	ug/L	88 - 113	2020		515		1000	151	N	P
Cadmium	ug/L	88 - 113	1000		30.0	U	1000	100		P
Chromium	ug/L	90 - 113	1880		50.0	U	2000	94		P
Lead	ug/L	86 - 113	4870		67.3		5000	96		P
Mercury	ug/L	82 - 119	38.2		2.00	U	40.0	96		CV
Selenium	ug/L	83 - 114	10000		100	U	10000	100		P
Silver	ug/L	84 - 115	346		50.0	U	380	91		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: ICE Service Group, Inc. **level:** low **sdg no.:** Q3399

contract: ICES02 **lab code:** ACE

matrix: Water **sample id:** Q3412-04 **client id:** TP-6MSD

Percent Solids for Sample: NA **Spiked ID:** Q3412-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	3940		100	U	4000	98		P
Barium	ug/L	88 - 113	1950		515		1000	144	N	P
Cadmium	ug/L	88 - 113	974		30.0	U	1000	97		P
Chromium	ug/L	90 - 113	1830		50.0	U	2000	92		P
Lead	ug/L	86 - 113	4720		67.3		5000	93		P
Mercury	ug/L	82 - 119	38.1		2.00	U	40.0	95		CV
Selenium	ug/L	83 - 114	9890		100	U	10000	99		P
Silver	ug/L	84 - 115	340		50.0	U	380	90		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Water **Level:** LOW **Client ID:** TP-6A

Sample ID: Q3412-04 **Spiked ID:** Q3412-04A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	88 - 113	1380		515		1000	87	N	P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3412-04 **Client ID:** TP-6DUP

Percent Solids for Sample: NA **Duplicate ID** Q3412-04DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	515		475	J	8		P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	67.3		63.0		7		P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: ICE Service Group, Inc. **Level:** LOW **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3412-04MS **Client ID:** TP-6MSD

Percent Solids for Sample: NA **Duplicate ID** Q3412-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4030		3940		2		P
Barium	ug/L	20	2020		1950		4		P
Cadmium	ug/L	20	1000		974		3		P
Chromium	ug/L	20	1880		1830		3		P
Lead	ug/L	20	4870		4720		3		P
Mercury	ug/L	20	38.2		38.1		0		CV
Selenium	ug/L	20	10000		9890		1		P
Silver	ug/L	20	346		340		2		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170214BS							
Arsenic	ug/L	4000	3980		100	87 - 113	P
Barium	ug/L	1000	1000		100	88 - 113	P
Cadmium	ug/L	1000	973		97	88 - 113	P
Chromium	ug/L	2000	1930		96	90 - 113	P
Lead	ug/L	5000	4880		98	86 - 113	P
Selenium	ug/L	10000	10100		101	83 - 114	P
Silver	ug/L	380	373		98	84 - 115	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170219BS							
Mercury	ug/L	4.0	3.74		94	82 - 119	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TP-6L

Lab Name: Alliance **Contract:** ICES02

Lab Code: ACE **Lb No.:** lb137630 **Lab Sample ID :** Q3412-04L **SDG No.:** Q3399

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	515		532	J	3		P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	67.3		300	U	100.0		P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170214**						
PB170214BL	PB170214BL	MB	WATER	10/22/2025	5.0	25.0	
PB170214BS	PB170214BS	LCS	WATER	10/22/2025	5.0	25.0	
PB170172TB	PB170172TB	MB	WATER	10/22/2025	5.0	25.0	
Q3399-02	COMP-ROLLOFF	SAM	WATER	10/22/2025	5.0	25.0	
Q3412-04DUP	TP-6DUP	DUP	WATER	10/22/2025	5.0	25.0	
Q3412-04MS	TP-6MS	MS	WATER	10/22/2025	5.0	25.0	
Q3412-04MSD	TP-6MSD	MSD	WATER	10/22/2025	5.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Contract: ICES02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB170219**						
PB170172TB	PB170172TB	MB	WATER	10/22/2025	3.0	30.0	
PB170219BL	PB170219BL	MB	WATER	10/22/2025	30.0	30.0	
PB170219BS	PB170219BS	LCS	WATER	10/22/2025	30.0	30.0	
Q3399-02	COMP-ROLLOFF	SAM	WATER	10/22/2025	3.0	30.0	
Q3412-04DUP	TP-6DUP	DUP	WATER	10/22/2025	3.0	30.0	
Q3412-04MS	TP-6MS	MS	WATER	10/22/2025	3.0	30.0	
Q3412-04MSD	TP-6MSD	MSD	WATER	10/22/2025	3.0	30.0	

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ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137620

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0800	HG
S0.2	S0.2	1	0803	HG
S2.5	S2.5	1	0805	HG
S5	S5	1	0807	HG
S7.5	S7.5	1	0810	HG
S10	S10	1	0812	HG
ICV84	ICV84	1	0815	HG
ICB84	ICB84	1	0818	HG
CCV75	CCV75	1	0822	HG
CCB75	CCB75	1	0824	HG
CRA	CRA	1	0827	HG
PB170219BL	PB170219BL	1	0834	HG
PB170219BS	PB170219BS	1	0836	HG
Q3399-02	COMP-ROLLOFF	1	0845	HG
CCV76	CCV76	1	0850	HG
CCB76	CCB76	1	0852	HG
Q3412-04DUP	TP-6DUP	1	0913	HG
Q3412-04MS	TP-6MS	1	0916	HG
CCV77	CCV77	1	0918	HG
CCB77	CCB77	1	0920	HG
Q3412-04MSD	TP-6MSD	1	0922	HG
PB170172TB	PB170172TB	1	0925	HG
Q3412-04L	TP-6L	5	0927	HG
CCV78	CCV78	1	0936	HG
CCB78	CCB78	1	0938	HG

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metals
- 14 -
ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1240	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1245	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1249	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1253	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1257	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1301	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1305	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1314	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1320	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1324	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1328	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1339	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1352	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1357	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1504	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1508	Ag,As,Ba,Cd,Cr,Pb,Se
Q3399-02	COMP-ROLLOFF	1	1530	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1556	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1611	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1643	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1647	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04DUP	TP-6DUP	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04L	TP-6L	5	1700	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04MS	TP-6MS	1	1704	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04MSD	TP-6MSD	1	1708	Ag,As,Ba,Cd,Cr,Pb,Se
Q3412-04A	TP-6A	1	1712	Ba
CCV05	CCV05	1	1721	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1725	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1811	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1815	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1859	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1904	Ag,As,Ba,Cd,Cr,Pb,Se
PB170214BL	PB170214BL	1	1927	Ag,As,Ba,Cd,Cr,Pb,Se
PB170214BS	PB170214BS	1	1932	Ag,As,Ba,Cd,Cr,Pb,Se
PB170172TB	PB170172TB	1	1936	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1948	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1952	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	2039	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	2043	Ag,As,Ba,Cd,Cr,Pb,Se
CCV10	CCV10	1	2130	Ag,As,Ba,Cd,Cr,Pb,Se
CCB10	CCB10	1	2134	Ag,As,Ba,Cd,Cr,Pb,Se

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metals
- 14 -
ANALYSIS RUN LOG

Client: ICE Service Group, Inc. **Contract:** ICES02

Lab code: ACE **Sdg no.:** Q3399

Instrument id number: **Method:** **Run number:** LB137630

Start date: 10/23/2025 **End date:** 10/23/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV11	CCV11	1	2220	Ag,As,Ba,Cd,Cr,Pb,Se
CCB11	CCB11	1	2224	Ag,As,Ba,Cd,Cr,Pb,Se
CCV12	CCV12	1	2233	Ag,As,Ba,Cd,Cr,Pb,Se
CCB12	CCB12	1	2237	Ag,As,Ba,Cd,Cr,Pb,Se

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LAB CHRONICLE

OrderID:	Q3399	**OrderDate:**	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	**Project:**	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	**COMP-ROLLOFF**	**SOIL**			**10/20/25 12:00**			**10/20/25**
			Hexavalent Chromium	7196A		10/21/25	10/21/25 15:59	
			Paint Filter	9095B			10/22/25 08:40	
			pH	9045D			10/22/25 10:10	
			Trivalent Chromium	6010D			10/21/25 19:01	
Q3399-02	**COMP-ROLLOFF**	**SOIL**			**10/20/25 12:00**			**10/20/25**
			Corrosivity	9045D			10/21/25 13:00	
			Ignitability	1030			10/22/25 09:15	
			Reactive Cyanide	9012B		10/21/25	10/21/25 12:39	
			Reactive Sulfide	9034		10/22/25	10/22/25 13:03	

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25 12:00
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
		% Solid:	89.9

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.22	U	1	0.076	0.22	0.44	mg/Kg	10/21/25 12:00	10/21/25 15:59	7196A
Paint Filter	1.00	U	1	1.00	1.00	1.00	ml/100gm		10/22/25 08:40	9095B
pH	6.99	H	1	0	0	0	pH		10/22/25 10:10	9045D
Trivalent Chromium	3.09		1	0.56	0.56	0.56	mg/Kg		10/21/25 19:01	6010D

Comments: pH result reported at temperature 20.1 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25 12:00
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	6.99	H	1	0	0	0	pH		10/21/25 13:00	9045D
Ignitability	NO		1	0	0	0	oC		10/22/25 09:15	1030
Reactive Cyanide	0.025	U	1	0.0083	0.025	0.050	mg/Kg	10/21/25 08:45	10/21/25 12:39	9012B
Reactive Sulfide	1.59	J	1	0.20	5.00	10.0	mg/Kg	10/22/25 09:20	10/22/25 13:03	9034

Comments: pH result reported at temperature 20.1 °C

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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Initial and Continuing Calibration Verification

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **RunNo.:** LB137601

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Hexavalent Chromium	mg/L	0.495	0.5	99	90-110	10/21/2025
Sample ID: CCV1						
Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	10/21/2025
Sample ID: CCV2						
Hexavalent Chromium	mg/L	0.491	0.5	98	90-110	10/21/2025
Sample ID: CCV3						
Hexavalent Chromium	mg/L	0.496	0.5	99	90-110	10/21/2025
Sample ID: CCV4						
Hexavalent Chromium	mg/L	0.489	0.5	98	90-110	10/21/2025

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Initial and Continuing Calibration Verification

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**RunNo.:**	LB137602

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Reactive Cyanide	mg/L	0.093	0.099	94	85-115	10/21/2025
Sample ID: CCV1						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/21/2025
Sample ID: CCV2						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/21/2025
Sample ID: CCV3						
Reactive Cyanide	mg/L	0.24	0.25	96	90-110	10/21/2025
Sample ID: CCV4						
Reactive Cyanide	mg/L	0.25	0.25	100	90-110	10/21/2025

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Initial and Continuing Calibration Verification

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**RunNo.:**	LB137603

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV**						
Corrosivity		pH	6.98	7	100	90-110	10/21/2025
Sample ID:	**CCV1**						
Corrosivity		pH	2.01	2.00	101	90-110	10/21/2025
Sample ID:	**CCV2**						
Corrosivity		pH	12.02	12.00	100	90-110	10/21/2025
Sample ID:	**CCV3**						
Corrosivity		pH	2.01	2.00	101	90-110	10/21/2025

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Initial and Continuing Calibration Verification

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**RunNo.:**	LB137607

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
pH	pH	7.00	7	100	90-110	10/22/2025
Sample ID: **CCV1**						
pH	pH	2.01	2.00	101	90-110	10/22/2025
Sample ID: **CCV2**						
pH	pH	12.02	12.00	100	90-110	10/22/2025

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Initial and Continuing Calibration Blank Summary

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY **RunNo.:** LB137601

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB1							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB2							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB3							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025
Sample ID: CCB4							
Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0029	0.01	10/21/2025

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Initial and Continuing Calibration Blank Summary

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**RunNo.:**	LB137602

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB1							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB2							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB3							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025
Sample ID: CCB4							
Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00096	0.005	10/21/2025

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Preparation Blank Summary

Client: ICE Service Group, Inc. **SDG No.:** Q3399

Project: NWIRP Northrup Grumman Site – Bethpage, NY

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: PB170174BL							
Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0084	0.05	10/21/2025
Sample ID: PB170189BL							
Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.07	0.4	10/21/2025
Sample ID: PB170195BL							
Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.201	10	10/22/2025

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Matrix Spike Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18MS
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1360		0.076	U	1410	40	96		10/21/2025

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Matrix Spike Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18MS
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	40.4		0.076	U	43.9	2	92		10/21/2025

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Matrix Spike Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18MS
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	38.1		0.076	U	43.9	2	87		10/21/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3368-06
Client ID: OUTSIDE-DUMPSTERDUP
Percent Solids for Spike Sample: 67.4

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.0083	U	0.0083	U	1	0		10/21/2025
Corrosivity	pH	+/-20	7.00		7.02		1	0.29		10/21/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3392-04
Client ID: MH-20DUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Sulfide	mg/Kg	+/-20	4.74	J	4.74	J	1	0		10/22/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3399-01
Client ID: COMP-ROLLOFFDUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
pH	pH	+/-20	6.99		7.00		1	0.14		10/22/2025
Paint Filter	ml/100gm	+/-20	1.00	U	1.00	U	1	0		10/22/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3399-02
Client ID: COMP-ROLLOFFDUP
Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		10/22/2025

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Duplicate Sample Summary

Client: ICE Service Group, Inc.
SDG No.: Q3399
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Sample ID: Q3403-01
Client ID: MH-18DUP
Percent Solids for Spike Sample: 91.1

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.076	U	0.076	U	1	0		10/21/2025

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Laboratory Control Sample Summary

Client:	ICE Service Group, Inc.	**SDG No.:**	Q3399
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	**Run No.:**	LB137601

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB170189BS								
Hexavalent Chromium	mg/Kg	20	19.8		99	1	84-110	10/21/2025

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. Q3399
QUOTE NO.
COC Number 2044531

19
19.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ICE service Group, INC.
ADDRESS: 125 Bloomingdale RD
CITY Levittown STATE: N.Y ZIP:
ATTENTION: Dennis d. morgan, ii
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ICES 02
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Same STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 72 HR TAT DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 TCL 2 TCLP 3. Hexd 4 PE 5 RL 6 7 8 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.	Comp-Roll OFF	SOL	X		10-20-25	12:00	6			X	X	X					PID= 1.3
2.	"	"		X	"	12:04	3	X	X								PID= 1.3
3.																	
4.																	
5.																	
6.																	
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.	1700 10.20.2025	1.
2.		2.
3.	1754 10.20.2025	3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ☒ COOLER TEMP 3.5° °C
Comments: *PID Meter Calibrated 10.20.2025 *
Equal Volume of soil used,

Page ____ of

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

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1

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: ICES 02
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 125 Bloomingdale Rd. Levittown, N.Y.

Chemtech Order ID:
Sampler Name: Lawrence CerAw
Client Project Coordinator & Phone:
Page #: 1 of 1
Date: 10.20.2025
Arrive Time: 11:28 am
Depart Time: 1300

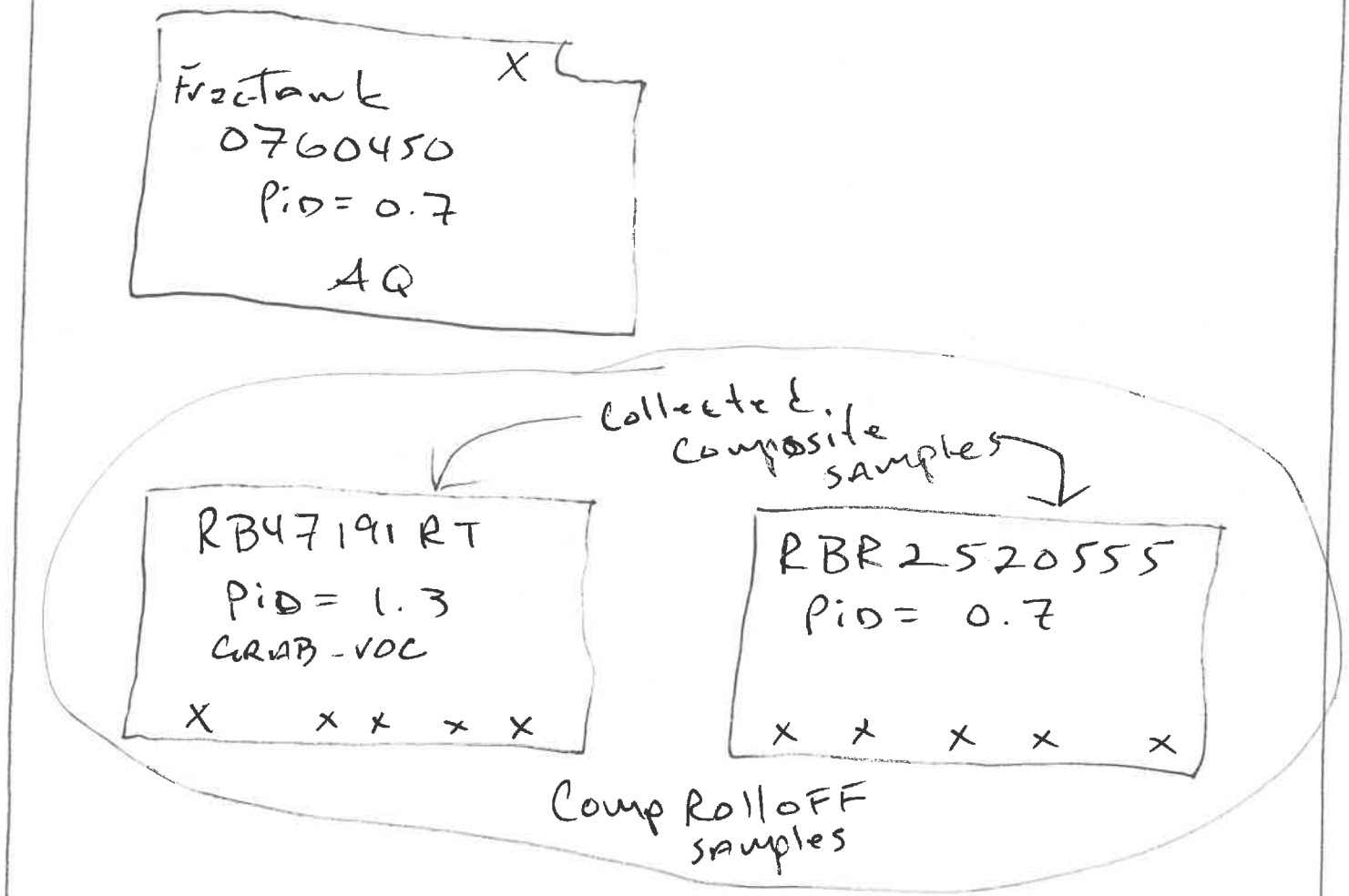
Waste Stream (circle one): drum / (roll-off) / soil pile / in-situ / linear construction / (frac-tank)
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe / (AQ)

Collection Depths:
Dimensions/CY:
Temp (range): °C PID Readings (range): PPM Odor: Y / (N) Color (Y) / N

Sample Description: Water Soil, Soil water Bonder, Brown AQ.
Field Observations: Sampled, RB47191RT, RBR2520555, Fractank 0760450 (Comp RollOFF)

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: 10.20.2025
Client Signature:
Supervisor Review/Date:

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3399 ICES02
Client Name : ICE Service Group, Inc.
Client Contact : Dennis D. Morgan, II
Invoice Name : ICE Service Group, Inc.
Invoice Contact : Dennis D. Morgan, II

Order Date : 10/20/2025 1:23:08 PM
Project Name : NWIRP Northrup Grummar
Receive DateTime : 10/20/2025 ~~12:00:00 AM~~ 5:54 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : NYSDEC EDD V-4
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3399-03	COMP-ROLLOFF	Solid	10/20/2025	12:04					
					VOC-TCLVOA-10		8260D		3 Bus. Days

Relinguished By :
Date / Time : 10/21/25 0740

Received By : Sean
Date / Time : 10/21/25 08:00 Ag #6 D2

Storage Area : VOA Refridgerator Room