

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

A

B

C

D

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFF
Lab Sample ID: Q3399-01

Date Collected: 10/20/25 12:00
Date Received: 10/20/25
SDG No.: Q3399
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

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

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

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

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: Corrosivity	ICV	pH	6.98	7	100	90-110	10/21/2025
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	10/21/2025
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	10/21/2025
Sample ID: Corrosivity	CCV3	pH	2.01	2.00	101	90-110	10/21/2025

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

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

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

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

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

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

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

Duplicate Sample Summary

Client: ICE Service Group, Inc. Project: NWIRP Northrup Grumman Site – Bethpage, NY Client ID: OUTSIDE-DUMPSTERDUP	SDG No.: Q3399 Sample ID: Q3368-06 Percent Solids for Spike Sample: 67.4
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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

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

Duplicate Sample Summary

Client: ICE Service Group, Inc. Project: NWIRP Northrup Grumman Site – Bethpage, NY Client ID: COMP-ROLLOFFDUP	SDG No.: Q3399 Sample ID: Q3399-01 Percent Solids for Spike Sample: 100
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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

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

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

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