

## LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q3399-01</b>	<b>COMP-ROLLOFF</b>	<b>SOIL</b>			<b>10/20/25</b>			<b>10/20/25</b>
			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	
<b>Q3399-02</b>	<b>COMP-ROLLOFF</b>	<b>TCLP</b>			<b>10/20/25</b>			<b>10/20/25</b>
			TCLP Herbicide	8151A		10/22/25	10/23/25	
			TCLP Pesticide	8081B		10/22/25	10/22/25	



# SAMPLE DATA

## 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	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
<b>TARGETS</b>										
GRO	GRO	10.0	U	1	9.00	10.0	50.0	ug/kg	10/21/25 11:41	FB102125
<b>SURROGATES</b>										
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



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

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Alliance

Client: ICE Service Group, Inc.

Lab Code: ACE

SDG No.: Q3399

CLIENT ID	S1	S2	S3	S4	TOT
	AAA-TFT				OUT
VBFI021S1	102				0
BSFI021S1	109				0
COMP-ROLLOFF	92				0
BSFI021S2	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



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

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

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

**SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION**

**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

A  
B  
C  
D  
E  
F

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

## 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	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

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

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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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	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

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

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() = Laboratory InHouse Limit

## 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	Test:	Gasoline Range Organics
	Final Vol: 5 mL		

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

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# CALIBRATION SUMMARY

**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

**GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY**

**20 PPB GRO STD**

Lab Name: Alliane Contract: ICES02  
ProjectID: NWIRP Northrup Grumman Site – Bethp  
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

**GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY**

**20 PPB GRO STD**

Lab Name: Alliane Contract: ICES02  
ProjectID: NWIRP Northrup Grumman Site – Bethp  
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



### 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	