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Hit Summary Sheet
SW-846

SDG No.: Q3442

Order ID: Q3442

Client: ATG-GREENVILLE AEC

Project ID: AEC-2025-0013

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q3442-01	SW-1 SW-1	Water	Iron	0.12		0.012	0.050	mg/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013
Client Sample ID: SW-1
Lab Sample ID: Q3442-01
Level (low/med): low

Date Collected: 10/18/25
Date Received: 10/23/25
SDG No.: Q3442
Matrix: Water
% Solid: 0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	0.12		1	0.012	0.050	mg/L	10/27/25 10:45	10/29/25 16:29	6010D	SW3010

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

LAB CHRONICLE

OrderID:	Q3442	OrderDate:	10/23/2025 12:02:00 PM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013
Contact:	Staci Bruce	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3442-01	SW-1	Water	Metals Group4	6010D	10/18/25	10/27/25	10/29/25	10/23/25



SAMPLE DATA

A

B

C

Report of Analysis

Client: ATG-GREENVILLE AEC
Project: AEC-2025-0013
Client Sample ID: SW-1
Lab Sample ID: Q3442-01

Date Collected: 10/18/25 15:00
Date Received: 10/23/25
SDG No.: Q3442
Matrix: WATER
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	HU	1	0.074	0.60	mg/L		10/24/25 14:24	300.0
Nitrate	0.095	HU	1	0.095	0.50	mg/L		10/24/25 14:24	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		10/24/25 14:24	300.0
BOD5	3.20	H	1	0.20	2.00	mg/L		10/24/25 15:40	SM 5210 B-16
COD	10.7		1	1.50	10.0	mg/L		10/24/25 16:24	SM 5220 D-11
Oil and Grease	1.60	J	1	0.29	5.00	mg/L		11/07/25 10:30	1664A
pH	5.54	H	1	0	0	pH		10/27/25 08:35	9040C
Phosphorus, Total	0.025	J	1	0.0050	0.050	mg/L	10/31/25 10:00	10/31/25 13:37	365.3
TKN	0.22	J	1	0.11	0.50	mg/L	10/29/25 08:50	10/29/25 14:26	SM4500-N Org C-21 plus NH3 B plus G-21
Nitrogen	0.31	U	1	0.31	1.30	mg/L		10/29/25 14:26	SM 4500-N Org C-11 plus NH3 B plus G-11
TSS	49.2		1	1.00	4.00	mg/L		10/24/25 12:30	SM 2540 D-20

Comments: pH result reported at temperature 20.6 °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

LAB CHRONICLE

OrderID:	Q3442	OrderDate:	10/23/2025 12:02:00 PM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013
Contact:	Staci Bruce	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3442-01	SW-1	WATER			10/18/25 15:00			10/23/25
			Anions Group1	300.0			10/24/25 14:24	
			BOD5	SM5210 B			10/24/25 15:40	
			COD	SM5220 D			10/24/25 16:24	
			Oil and Grease	1664A			11/07/25 10:30	
			pH	9040C			10/27/25 08:35	
			Phosphorus-Total	365.3		10/31/25	10/31/25 13:37	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		10/29/25	10/29/25 14:26	
			Total Nitrogen	Cal			10/29/25 14:26	
			TSS	SM2540 D			10/24/25 12:30	