

Hit Summary Sheet
SW-846

SDG No.:	Q2289	Order ID:	Q2289
Client:	ATG-GREENVILLE AEC	Project ID:	AEC-2025-0013- CSC 4019 Waterbury

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SP-1								
Q2289-01	SP-1	Water	Copper	103		0.30	2.00	ug/L
Q2289-01	SP-1	Water	Lead	41.2		0.21	1.00	ug/L
Q2289-01	SP-1	Water	Zinc	376		1.25	5.00	ug/L
Client ID : SP-2								
Q2289-02	SP-2	Water	Copper	59.5		0.30	2.00	ug/L
Q2289-02	SP-2	Water	Lead	25.5		0.21	1.00	ug/L
Q2289-02	SP-2	Water	Zinc	167		1.25	5.00	ug/L
Client ID : SP-3								
Q2289-03	SP-3	Water	Copper	335		0.30	2.00	ug/L
Q2289-03	SP-3	Water	Lead	87.8		0.21	1.00	ug/L
Q2289-03	SP-3	Water	Zinc	830		1.25	5.00	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-1	SDG No.:	Q2289
Lab Sample ID:	Q2289-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-50-8	Copper	103		1	0.30	2.00	ug/L	06/17/25 10:10	06/18/25 12:59	6020B	3010A
7439-92-1	Lead	41.2		1	0.21	1.00	ug/L	06/17/25 10:10	06/18/25 12:59	6020B	3010A
7440-66-6	Zinc	376		1	1.25	5.00	ug/L	06/17/25 10:10	06/18/25 12:59	6020B	3010A

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-Group1			

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

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-2	SDG No.:	Q2289
Lab Sample ID:	Q2289-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-50-8	Copper	59.5	1	0.30		2.00	ug/L	06/17/25 10:10	06/18/25 13:02	6020B	3010A
7439-92-1	Lead	25.5	1	0.21		1.00	ug/L	06/17/25 10:10	06/18/25 13:02	6020B	3010A
7440-66-6	Zinc	167	1	1.25		5.00	ug/L	06/17/25 10:10	06/18/25 13:02	6020B	3010A

Color Before:	light Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-Group1			

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Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-3	SDG No.:	Q2289
Lab Sample ID:	Q2289-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-50-8	Copper	335		1	0.30	2.00	ug/L	06/17/25 10:10	06/18/25 13:05	6020B	3010A
7439-92-1	Lead	87.8		1	0.21	1.00	ug/L	06/17/25 10:10	06/18/25 13:05	6020B	3010A
7440-66-6	Zinc	830		1	1.25	5.00	ug/L	06/17/25 10:10	06/18/25 13:05	6020B	3010A

Color Before:	Brown	Clarity Before:	Cloudy	Texture:
Color After:	light Brown	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-Group1			

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LAB CHRONICLE

OrderID:	Q2289	OrderDate:	6/11/2025 11:44:58 AM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013- CSC 4019 Waterbury
Contact:	Daniel Maalouf	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2289-01	SP-1	Water	Metals ICP-Group1	6020B	06/10/25	06/17/25	06/18/25	06/11/25
Q2289-02	SP-2	Water	Metals ICP-Group1	6020B	06/10/25	06/17/25	06/18/25	06/11/25
Q2289-03	SP-3	Water	Metals ICP-Group1	6020B	06/10/25	06/17/25	06/18/25	06/11/25



A

B

C

SAMPLE DATA

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25 10:50
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-1	SDG No.:	Q2289
Lab Sample ID:	Q2289-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.084	J	1	0.074	0.60	mg/L		06/11/25 08:43	300.0
Nitrate	0.55		1	0.095	0.50	mg/L		06/11/25 08:43	300.0
Nitrate+Nitrite	0.63	J	1	0.17	1.10	mg/L		06/11/25 08:43	300.0
COD	229	D	5	7.50	50.0	mg/L		06/12/25 14:18	SM 5220 D-11
Oil and Grease	5.70		1	0.29	5.00	mg/L		06/17/25 09:30	1664A
pH	7.59	H	1	0	0	pH		06/12/25 08:40	9040C
Phosphorus, Total	0.046	J	1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:22	365.3
TKN	2.50		1	0.11	0.50	mg/L	06/12/25 08:50	06/16/25 15:42	SM4500-N Org C-11 plus NH3 B plus G-11
TSS	600		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

Comments: pH result reported at temperature 20.6 °C

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Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25 10:26
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-2	SDG No.:	Q2289
Lab Sample ID:	Q2289-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.074	U	1	0.074	0.60	mg/L		06/11/25 09:04	300.0
Nitrate	0.23	J	1	0.095	0.50	mg/L		06/11/25 09:04	300.0
Nitrate+Nitrite	0.23	J	1	0.17	1.10	mg/L		06/11/25 09:04	300.0
COD	131		1	1.50	10.0	mg/L		06/12/25 14:19	SM 5220 D-11
Oil and Grease	7.80		1	0.29	5.00	mg/L		06/17/25 09:30	1664A
pH	7.34	H	1	0	0	pH		06/12/25 08:46	9040C
Phosphorus, Total	0.062		1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:24	365.3
TKN	1.50		1	0.11	0.50	mg/L	06/12/25 08:50	06/16/25 15:43	SM4500-N Org C-11 plus NH3 B plus G-11
TSS	305		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

Comments: pH result reported at temperature 20.7 °C

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Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25 10:33
Project:	AEC-2025-0013- CSC 4019 Waterbury	Date Received:	06/11/25
Client Sample ID:	SP-3	SDG No.:	Q2289
Lab Sample ID:	Q2289-03	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Nitrite	0.085	J	1	0.074	0.60	mg/L		06/11/25 09:26	300.0
Nitrate	0.27	J	1	0.095	0.50	mg/L		06/11/25 09:26	300.0
Nitrate+Nitrite	0.36	J	1	0.17	1.10	mg/L		06/11/25 09:26	300.0
COD	774	D	10	15.0	100	mg/L		06/12/25 14:19	SM 5220 D-11
Oil and Grease	11.3		1	0.29	5.00	mg/L		06/17/25 09:30	1664A
pH	7.78	H	1	0	0	pH		06/12/25 08:50	9040C
Phosphorus, Total	0.094		1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:25	365.3
TKN	5.50		1	0.11	0.50	mg/L	06/12/25 08:50	06/16/25 15:43	SM4500-N Org C-11 plus NH3 B plus G-11
TSS	1040		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

Comments: pH result reported at temperature 20.8 °C

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LAB CHRONICLE

OrderID:	Q2289	OrderDate:	6/11/2025 11:44:58 AM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013- CSC 4019 Waterbury
Contact:	Daniel Maalouf	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2289-01	SP-1	WATER			06/10/25 10:50			06/11/25
			Anions Group1	300.0			06/11/25 08:43	
			COD	SM5220 D			06/12/25 14:18	
			Oil and Grease	1664A			06/17/25 09:30	
			pH	9040C			06/12/25 08:40	
			Phosphorus-Total	365.3		06/13/25	06/13/25 13:22	
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11		06/12/25	06/16/25 15:42	
			TSS	SM2540 D			06/13/25 10:00	
Q2289-02	SP-2	WATER			06/10/25 10:26			06/11/25
			Anions Group1	300.0			06/11/25 09:04	
			COD	SM5220 D			06/12/25 14:19	
			Oil and Grease	1664A			06/17/25 09:30	
			pH	9040C			06/12/25 08:46	
			Phosphorus-Total	365.3		06/13/25	06/13/25 13:24	

LAB CHRONICLE

Q2289-03	SP-3	WATER	TKN	SM4500-N Org C-11 plus NH3 B plus G-11	06/12/25	06/16/25 15:43	06/10/25 10:33	06/11/25
			TSS	SM2540 D		06/13/25 10:00		
			Anions Group1	300.0		06/11/25 09:26		
			COD	SM5220 D		06/12/25 14:19		
			Oil and Grease	1664A		06/17/25 09:30		
			pH	9040C		06/12/25 08:50		
			Phosphorus-Total	365.3	06/13/25	06/13/25 13:25		
			TKN	SM4500-N Org C-11 plus NH3 B plus G-11	06/12/25	06/16/25 15:43		
			TSS	SM2540 D		06/13/25 10:00		