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Hit Summary Sheet
SW-846

SDG No.:	Q2290	Order ID:	Q2290
Client:	ATG-GREENVILLE AEC	Project ID:	AEC-2025-0013- CSC 4015 Stratford

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Outfall 1								
Q2290-01	Outfall 1	Water	Copper	12.1		1.89	10.0	ug/L
Q2290-01	Outfall 1	Water	Lead	5.96	J	1.21	6.00	ug/L
Q2290-01	Outfall 1	Water	Zinc	20.7		1.60	20.0	ug/L
Client ID : Outfall 2								
Q2290-02	Outfall 2	Water	Copper	10.7		1.89	10.0	ug/L
Q2290-02	Outfall 2	Water	Lead	2.98	J	1.21	6.00	ug/L
Q2290-02	Outfall 2	Water	Zinc	14.8	J	1.60	20.0	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 4015 Stratford	Date Received:	06/11/25
Client Sample ID:	Outfall 1	SDG No.:	Q2290
Lab Sample ID:	Q2290-01	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	12.1		1	1.89	10.0	ug/L	06/12/25 12:15	06/17/25 14:25	EPA 200.7	E200.7
7439-92-1	Lead	5.96	J	1	1.21	6.00	ug/L	06/12/25 12:15	06/17/25 14:25	EPA 200.7	E200.7
7440-66-6	Zinc	20.7		1	1.60	20.0	ug/L	06/12/25 12:15	06/17/25 14:25	EPA 200.7	E200.7

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	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 4015 Stratford	Date Received:	06/11/25
Client Sample ID:	Outfall 2	SDG No.:	Q2290
Lab Sample ID:	Q2290-02	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	10.7		1	1.89	10.0	ug/L	06/12/25 12:15	06/17/25 14:30	EPA 200.7	E200.7
7439-92-1	Lead	2.98	J	1	1.21	6.00	ug/L	06/12/25 12:15	06/17/25 14:30	EPA 200.7	E200.7
7440-66-6	Zinc	14.8	J	1	1.60	20.0	ug/L	06/12/25 12:15	06/17/25 14:30	EPA 200.7	E200.7

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-Group1			

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LAB CHRONICLE

OrderID:	Q2290	OrderDate:	6/11/2025 12:13:05 PM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013- CSC 4015 Stratford
Contact:	Daniel Maalouf	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2290-01	Outfall 1	Water	Metals ICP-Group1	200.7	06/10/25	06/12/25	06/17/25	06/11/25
Q2290-02	Outfall 2	Water	Metals ICP-Group1	200.7	06/10/25	06/12/25	06/17/25	06/11/25



SAMPLE DATA

A

B

C

Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25 08:42
Project:	AEC-2025-0013- CSC 4015 Stratford	Date Received:	06/11/25
Client Sample ID:	Outfall 1	SDG No.:	Q2290
Lab Sample ID:	Q2290-01	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 09:47	300.0
Nitrate	0.87		1	0.095	0.50	mg/L		06/11/25 09:47	300.0
Nitrate+Nitrite	0.87	J	1	0.17	1.10	mg/L		06/11/25 09:47	300.0
COD	78.4		1	1.50	10.0	mg/L		06/12/25 14:20	SM 5220 D-11
Oil and Grease	0.80	J	1	0.29	5.00	mg/L		06/17/25 09:30	1664A
pH	6.92	H	1	0	0	pH		06/12/25 09:00	9040C
Phosphorus, Total	0.097		1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:25	365.3
TKN	1.00		1	0.11	0.50	mg/L	06/12/25 08:50	06/16/25 15:53	SM4500-N Org C-11 plus NH3 B plus G-11
TSS	35.6		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

Comments: pH result reported at temperature 20.5 °C

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Report of Analysis

Client:	ATG-GREENVILLE AEC	Date Collected:	06/10/25 08:42
Project:	AEC-2025-0013- CSC 4015 Stratford	Date Received:	06/11/25
Client Sample ID:	Outfall 2	SDG No.:	Q2290
Lab Sample ID:	Q2290-02	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 11:14	300.0
Nitrate	0.095	U	1	0.095	0.50	mg/L		06/11/25 11:14	300.0
Nitrate+Nitrite	0.17	U	1	0.17	1.10	mg/L		06/11/25 11:14	300.0
COD	70.3		1	1.50	10.0	mg/L		06/12/25 14:20	SM 5220 D-11
Oil and Grease	0.30	J	1	0.29	5.00	mg/L		06/17/25 09:30	1664A
pH	7.09	H	1	0	0	pH		06/12/25 09:10	9040C
Phosphorus, Total	0.12		1	0.0050	0.050	mg/L	06/13/25 09:45	06/13/25 13:27	365.3
TKN	1.30		1	0.11	0.50	mg/L	06/12/25 08:50	06/16/25 15:53	SM4500-N Org C-11 plus NH3 B plus G-11
TSS	22.6		1	1.00	4.00	mg/L		06/13/25 10:00	SM 2540 D-15

Comments: pH result reported at temperature 20.1 °C

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OrderID:	Q2290	OrderDate:	6/11/2025 12:13:05 PM
Client:	ATG-GREENVILLE AEC	Project:	AEC-2025-0013- CSC 4015 Stratford
Contact:	Daniel Maalouf	Location:	A11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2290-01	Outfall 1	WATER			06/10/25 08:42			06/11/25
			Anions Group1	300.0			06/11/25 09:47	
			COD	SM5220 D			06/12/25 14:20	
			Oil and Grease	1664A			06/17/25 09:30	
			pH	9040C			06/12/25 09:00	
			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 15:53	
			TSS	SM2540 D			06/13/25 10:00	
Q2290-02	Outfall 2	WATER			06/10/25 08:42			06/11/25
			Anions Group1	300.0			06/11/25 11:14	
			COD	SM5220 D			06/12/25 14:20	
			Oil and Grease	1664A			06/17/25 09:30	
			pH	9040C			06/12/25 09:10	
			Phosphorus-Total	365.3		06/13/25	06/13/25 13:27	

LAB CHRONICLE

TKN	SM4500-N Org C-11 plus NH3 B plus G-11	06/12/25	06/16/25 15:53
TSS	SM2540 D		06/13/25 10:00