

DATA PACKAGE

METALS

PROJECT NAME : PROJECT 502347 - SELENIUM

APTIM

17 Princess Road

Lawrenceville, NJ - 08648

Phone No: 609-895-5340

ORDER ID : Q1673

ATTENTION : Rachael Rezes



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q1673

Project ID : Project 502347 - Selenium

Client : APTIM

Lab Sample Number

Q1673-01
Q1673-02
Q1673-03

Client Sample Number

GW-CONTROL
SDC9
FBR4

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:26 pm, Apr 04, 2025

Date: 4/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

APTIM

Project Name: Project 502347 - Selenium

Project # N/A

Chemtech Project # Q1673

Test Name: Metals Group3

A. Number of Samples and Date of Receipt:

3 Water samples were received on 03/28/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group3. This data package contains results for Metals Group3.

C. Analytical Techniques:

The analysis and digestion of Metals Group3 was based on method 200.7.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

LLCCV & LLICV are not required for 200.7 method.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 2:26 pm, Apr 04, 2025

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1673

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MOHAMMAD AHMED

Date: 04/03/2025

LAB CHRONICLE

OrderID:	Q1673	OrderDate:	3/28/2025 10:57:58 AM
Client:	APTIM	Project:	Project 502347 - Selenium
Contact:	Rachael Rezes	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1673-01	GW-CONTROL	Water	Metals Group3	200.7	03/27/25	03/31/25	04/01/25	03/28/25
Q1673-02	SDC9	Water	Metals Group3	200.7	03/27/25	03/31/25	04/01/25	03/28/25
Q1673-03	FBR4	Water	Metals Group3	200.7	03/27/25	03/31/25	04/01/25	03/28/25

Hit Summary Sheet
SW-846

SDG No.:	Q1673	Order ID:	Q1673
Client:	APTIM	Project ID:	Project 502347 - Selenium

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q1673-01	GW-CONTROL GW-CONTROL	Water	Selenium	173		3.07	10.0	ug/L
Client ID : Q1673-02	SDC9 SDC9	Water	Selenium	301		3.07	10.0	ug/L
Client ID : Q1673-03	FBR4 FBR4	Water	Selenium	39.2		3.07	10.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	APTIM	Date Collected:	03/27/25
Project:	Project 502347 - Selenium	Date Received:	03/28/25
Client Sample ID:	GW-CONTROL	SDG No.:	Q1673
Lab Sample ID:	Q1673-01	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.
7782-49-2	Selenium	173		1	3.07	10.0	ug/L	03/31/25 10:05	04/01/25 12:16	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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:	APTIM	Date Collected:	03/27/25
Project:	Project 502347 - Selenium	Date Received:	03/28/25
Client Sample ID:	SDC9	SDG No.:	Q1673
Lab Sample ID:	Q1673-02	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.
7782-49-2	Selenium	301		1	3.07	10.0	ug/L	03/31/25 10:05	04/01/25 12:53	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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:	APTIM	Date Collected:	03/27/25
Project:	Project 502347 - Selenium	Date Received:	03/28/25
Client Sample ID:	FBR4	SDG No.:	Q1673
Lab Sample ID:	Q1673-03	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.
7782-49-2	Selenium	39.2		1	3.07	10.0	ug/L	03/31/25 10:05	04/01/25 12:57	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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



METAL CALIBRATION DATA



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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: APTIM **SDG No.:** Q1673
Contract: SHAW18 **Lab Code:** CHEM **Case No.:** Q1673 **SAS No.:** Q1673
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Selenium	21.8	20.0	109	80 - 120	P	04/01/2025	11:15	LB135255

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: APTIM SDG No.: Q1673
Contract: SHAW18 Lab Code: CHEM Case No.: Q1673 SAS No.: Q1673
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Selenium	5090	5000	102	90 - 110	P	04/01/2025	11:50	LB135255
CCV02	Selenium	5180	5000	104	90 - 110	P	04/01/2025	12:43	LB135255
CCV03	Selenium	5390	5000	108	90 - 110	P	04/01/2025	13:35	LB135255
CCV04	Selenium	5300	5000	106	90 - 110	P	04/01/2025	14:31	LB135255
CCV05	Selenium	5210	5000	104	90 - 110	P	04/01/2025	15:23	LB135255
CCV06	Selenium	5180	5000	104	90 - 110	P	04/01/2025	15:52	LB135255
CCV07	Selenium	5160	5000	103	90 - 110	P	04/01/2025	16:56	LB135255
CCV08	Selenium	5280	5000	106	90 - 110	P	04/01/2025	17:41	LB135255



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

Metals

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CRDL STANDARD FOR AA & ICP

Client: APTIM **SDG No.:** Q1673
Contract: SHAW18 **Lab Code:** CHEM **Case No.:** Q1673 **SAS No.:** Q1673
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Selenium	19.7	20.0	98	40 - 160	P	04/01/2025	11:28	LB135255



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Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	APTIM				SDG No.:	Q1673			
Contract:	SHAW18	Lab Code:	CHEM	Case No.:	Q1673	SAS No.:	Q1673		
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	11:19	LB135255

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: APTIM SDG No.: Q1673
Contract: SHAW18 Lab Code: CHEM Case No.: Q1673 SAS No.: Q1673

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	11:54	LB135255
CCB02	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	12:48	LB135255
CCB03	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	13:39	LB135255
CCB04	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	14:36	LB135255
CCB05	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	15:28	LB135255
CCB06	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	15:56	LB135255
CCB07	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	17:00	LB135255
CCB08	Selenium	20.0	+/-20.0	U	20.0	P	04/01/2025	17:50	LB135255

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PREPARATION BLANK SUMMARY

Client: APTIM

SDG No.: Q1673

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167385BL		WATER		Batch Number:	PB167385		Prep Date:	03/31/2025	
	Selenium	10.0	<10.0	U	10.0	P	04/01/2025	13:02	LB135255

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INTERFERENCE CHECK SAMPLE

Client: <u>APTIM</u>	SDG No.: <u>Q1673</u>
Contract: <u>SHAW18</u>	Lab Code: <u>CHEM</u>
ICS Source: <u>EPA</u>	Case No.: <u>Q1673</u>
	SAS No.: <u>Q1673</u>
	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Selenium	-13.6			-20	20	04/01/2025	11:33	LB135255
ICSAB01	Selenium	39.8	46.0	86	26	66	04/01/2025	11:37	LB135255
ICSA	Selenium	22.0			-20	20	04/01/2025	11:41	LB135255
ICSAB	Selenium	60.6	46.0	132	26	66	04/01/2025	11:46	LB135255



METAL QC DATA

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MATRIX SPIKE SUMMARY

client: <u>APTIM</u>	level: <u>low</u>	sdg no.: <u>Q1673</u>
contract: <u>SHAW18</u>	lab code: <u>CHEM</u>	case no.: <u>Q1673</u> sas no.: <u>Q1673</u>
matrix: <u>Water</u>	sample id: <u>Q1673-01</u>	client id: <u>GW-CONTROLMS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1673-01MS</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Selenium	ug/L	75 - 125	1140		173		1000	97		P

metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>APTIM</u>	level: <u>low</u>	sdg no.: <u>Q1673</u>
contract: <u>SHAW18</u>	lab code: <u>CHEM</u>	case no.: <u>Q1673</u> sas no.: <u>Q1673</u>
matrix: <u>Water</u>	sample id: <u>Q1673-01</u>	client id: <u>GW-CONTROLMSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q1673-01MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Selenium	ug/L	75 - 125	1140		173		1000	96		P

Metals
- 5b -

Client: APTIM

SDG No.: Q1673

Contract: SHAW18

Lab Code: CHEM

Case No.: Q1673

SAS No.: Q1673

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: APTIM **Level:** LOW **SDG No.:** Q1673
Contract: SHAW18 **Lab Code:** CHEM **Case No.:** Q1673 **SAS No.:** Q1673
Matrix: Water **Sample ID:** Q1673-01 **Client ID:** GW-CONTROLDUP
Percent Solids for Sample: NA **Duplicate ID** Q1673-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Selenium	ug/L	20	173		173		0		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: APTIM **Level:** LOW **SDG No.:** Q1673
Contract: SHAW18 **Lab Code:** CHEM **Case No.:** Q1673 **SAS No.:** Q1673
Matrix: Water **Sample ID:** Q1673-01MS **Client ID:** GW-CONTROLMSD
Percent Solids for Sample: NA **Duplicate ID** Q1673-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Selenium	ug/L	20	1140		1140		0		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: APTIM **SDG No.:** Q1673
Contract: SHAW18 **Lab Code:** CHEM **Case No.:** Q1673 **SAS No.:** Q1673

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167385BS Selenium	ug/L	1000	1000		100	85 - 115	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

GW-CONTROLL

Lab Name: Chemtech Consulting Group **Contract:** SHAW18
Lab Code: CHEM **Lb No.:** lb135255 **Lab Sample ID :** Q1673-01L **SDG No.:** Q1673
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Selenium	173	182	5		P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: APTIM

SDG No.: Q1673

Contract: SHAW18

Lab Code: CHEM

Case No.: Q1673

SAS No.: Q1673

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: APTIM

SDG No.: Q1673

Contract: SHAW18

Lab Code: CHEM

Case No.: Q1673

SAS No.: Q1673

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000

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ICP INTERELEMENT CORRECTION FACTORS

Client: APTIM

SDG No.: Q1673

Contract: SHAW18

Lab Code: CHEM

Case No.: Q1673

SAS No.: Q1673

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

A

B

C

D

E

F

G

H



METAL PREPARATION & ANALYICAL SUMMARY

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SAMPLE PREPARATION SUMMARY

Client: APTIM **SDG No.:** Q1673
Contract: SHAW18 **Lab Code:** CHEM **Method:** _____
Case No.: Q1673 **SAS No.:** Q1673

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB167385							
PB167385BL	PB167385BL	MB	WATER	03/31/2025	50.0	25.0	
PB167385BS	PB167385BS	LCS	WATER	03/31/2025	50.0	25.0	
Q1673-01	GW-CONTROL	SAM	WATER	03/31/2025	50.0	25.0	
Q1673-01DUP	GW-CONTROLDUP	DUP	WATER	03/31/2025	50.0	25.0	
Q1673-01MS	GW-CONTROLMS	MS	WATER	03/31/2025	50.0	25.0	
Q1673-01MSD	GW-CONTROLMSD	MSD	WATER	03/31/2025	50.0	25.0	
Q1673-02	SDC9	SAM	WATER	03/31/2025	50.0	25.0	
Q1673-03	FBR4	SAM	WATER	03/31/2025	50.0	25.0	

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ANALYSIS RUN LOG

Client: APTIM **Contract:** SHAW18

Lab code: CHEM **Case no.:** Q1673 **Sas no.:** Q1673 **Sdg no.:** Q1673

Instrument id number: **Method:** **Run number:** LB135255

Start date: 04/01/2025 **End date:** 04/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1031	Se
S1	S1	1	1035	Se
S2	S2	1	1040	Se
S3	S3	1	1044	Se
S4	S4	1	1048	Se
S5	S5	1	1052	Se
ICV01	ICV01	1	1057	Se
LLICV01	LLICV01	1	1115	Se
ICB01	ICB01	1	1119	Se
CRI01	CRI01	1	1128	Se
ICSA01	ICSA01	1	1133	Se
ICSAB01	ICSAB01	1	1137	Se
ICSA	ICSA	20	1141	Se
ICSAB	ICSAB	20	1146	Se
CCV01	CCV01	1	1150	Se
CCB01	CCB01	1	1154	Se
Q1673-01	GW-CONTROL	1	1216	Se
Q1673-01DUP	GW-CONTROLDUP	1	1221	Se
Q1673-01L	GW-CONTROL	5	1225	Se
Q1673-01MS	GW-CONTROLMS	1	1230	Se
Q1673-01MSD	GW-CONTROLMSD	1	1234	Se
CCV02	CCV02	1	1243	Se
CCB02	CCB02	1	1248	Se
Q1673-02	SDC9	1	1253	Se
Q1673-03	FBR4	1	1257	Se
PB167385BL	PB167385BL	1	1302	Se
PB167385BS	PB167385BS	1	1307	Se
CCV03	CCV03	1	1335	Se
CCB03	CCB03	1	1339	Se
CCV04	CCV04	1	1431	Se
CCB04	CCB04	1	1436	Se
CCV05	CCV05	1	1523	Se
CCB05	CCB05	1	1528	Se
CCV06	CCV06	1	1552	Se
CCB06	CCB06	1	1556	Se
CCV07	CCV07	1	1656	Se
CCB07	CCB07	1	1700	Se
CCV08	CCV08	1	1741	Se
CCB08	CCB08	1	1750	Se



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

01673

COC Number:

CLIENT INFORMATION		PROJECT INFORMATION				BILLING INFORMATION																											
COMPANY: APTIM		PROJECT NAME: Wheeler River Selenium				BILL TO: Paul Hatzinger					PO#																						
ADDRESS: 17 Princess Road		PROJECT #: 502347 LOCATION: aptim				ADDRESS:																											
CITY: Lawrenceville STATE: NJ ZIP: 08648		PROJECT MANAGER: Paul Hatzinger				CITY:					STATE: ZIP:																						
ATTENTION: Rachael Rezes		E-MAIL: paul.hatzinger@aptim.com				ATTENTION:					PHONE:																						
PHO: 609-895-5364 FAX:		PHONE: 609-895-5356 FAX:																															
DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION				ANALYSIS																											
FAX: 2 DAYS*		☐ RESEULTS ONLY ☐ USEPA CLP				Se-EPA 200.7 <table border="1"><thead><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>										1	2	3	4	5	6	7	8	9									
1	2	3	4	5	6											7	8	9															
HARD COPY: 2 DAYS*		☒ RESULTS + QC ☐ New York State ASP "B"																															
EDD DAYS*		☐ New Jersey REDUCED ☐ New York State ASP "A"																															
* TO BE APPROVED BY ALLIANCE		☐ New Jersey CLP ☐ Other																															
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS		☐ EDD Format																															
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS																
			COMP	GRAB	DATE	TIME		B	1	2	3	4	5	6	7	8		9															
1.	GW Control	GW		X	3/27/25	14:30	1	X										Field Filtered 0.2µm															
2.	SDC9	GW		X	3/27/25	15:00	1	X										Field Filtered 0.2µm															
3.	FBR4	GW		X	3/27/25	15:30	1	X										Field Filtered 0.2µm															
4.																																	
5.																																	
6.																																	
7.																																	
8.																																	
9.																																	
10.																																	
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY																																	
RELINQUISHED BY SAMPLER		DATE/TIME		RECEIVED BY		Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 31°C																											
1. Rachael Rezes		3/27/25 16:15		1.		MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler? y																											
RELINQUISHED BY		DATE/TIME		RECEIVED BY		Comments:																											
2. UPS		3-28-25 07:00		2.																													
RELINQUISHED BY		DATE/TIME		RECEIVED FOR LAB BY		SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight																											
3.				3.		ALLIANCE: ☐ Picked Up ☐ Overnight																											
													Shipment Complete																				
													☐ YES ☐ NO																				

Page _____ of _____

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488