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

DATA PACKAGE

GENERAL CHEMISTRY
METALS

PROJECT NAME : ROTOR CLIP - PO# 5183.0001

VERINA CONSULTING GROUP, LLC

1011 US Highway 22, Suite 302

Bridgewater, NJ - 08807

Phone No: 908-864-4400

ORDER ID : P5141

ATTENTION : Michael Valenzi

Laboratory Certification ID # 20012

Table Of Contents for P5141

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : VERINA CONSULTING GROUP, LLC

Project Location : NJ

Project Number : 5183.0001

Laboratory Sample ID(s) : P5141

Sampling Date(s) : 12/05/2024

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **1664A,6010D,9012B,SM2540 D,SM4500 Cl G,SM4500-NH3,SM5210 B,SM5220 D**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐ Yes ☑ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☑ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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

Cover Page

Order ID : P5141

Project ID : Rotor Clip - PO# 5183.0001

Client : VERINA CONSULTING GROUP, LLC

Lab Sample Number	Client Sample Number
P5141-01	WATER TREATMENT DISCHARGE
P5141-02	WATER TREATMENT DISCHARGE
P5141-03	WATER TREATMENT DISCHARGEMS
P5141-04	WATER TREATMENT DISCHARGEMSD

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 12:20 pm, Dec 13, 2024

Date: 12/13/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

VERINA CONSULTING GROUP, LLC
Project Name: Rotor Clip - PO# 5183.0001
Project # N/A
Chemtech Project # P5141
Test Name: Metals Group5

A. Number of Samples and Date of Receipt:
4 Water samples were received on 12/05/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, COD, Cyanide, Metals Group5, Oil and Grease, Residual Chlorine and TSS. This data package contains results for Metals Group5.

C. Analytical Techniques:
The analysis of Metals Group5 was based on method 6010D and digestion based on method 3010 (waters).

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:

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.

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 12:20 pm, Dec 13, 2024

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

CASE NARRATIVE

VERINA CONSULTING GROUP, LLC
Project Name: Rotor Clip - PO# 5183.0001
Project # N/A
Chemtech Project # P5141
Test Name: Oil and Grease,Cyanide,Ammonia,Residual Chlorine,COD,BOD5,TSS

A. Number of Samples and Date of Receipt:
4 Water samples were received on 12/05/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, BOD5, COD, Cyanide, Metals Group5, Oil and Grease, Residual Chlorine and TSS. This data package contains results for Oil and Grease, Cyanide, Ammonia, Residual Chlorine, COD, BOD5, TSS.

C. Analytical Techniques:
The analysis of Oil and Grease was based on method 1664A, The analysis of Cyanide was based on method 9012B, The analysis of TSS was based on method SM2540 D, The analysis of Residual Chlorine was based on method SM4500 Cl G, The analysis of Ammonia was based on method SM4500-NH3, The analysis of BOD5 was based on method SM5210 B and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:
The Holding Times were met for all samples except for WATER TREATMENT DISCHARGE of Residual Chlorine as sample receive out of holding time.
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.

E. Additional Comments:

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.

Signature_____ ***APPROVED***
By Nimisha Pandya, QA/QC Supervisor at 12:20 pm, Dec 13, 2024

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **P5141**

	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: **SOHIL JODHANI** **Date:** **12/13/2024**

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

Hit Summary Sheet
SW-846

SDG No.: P5141 **Order ID:** P5141

Client: VERINA CONSULTING GROUP, LLC **Project ID:** Rotor Clip - PO# 5183.0001

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WATER TREATMENT DISCHARGE								
P5141-01	WATER TREATMENT DISCHA	Water	Chromium	359		0.66	5.00	ug/L
P5141-01	WATER TREATMENT DISCHA	Water	Copper	10.3		7.07	10.0	ug/L
P5141-01	WATER TREATMENT DISCHA	Water	Nickel	55.8		0.85	20.0	ug/L
P5141-01	WATER TREATMENT DISCHA	Water	Zinc	573		1.75	20.0	ug/L

SAMPLE DATA

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

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	12/05/24
Project:	Rotor Clip - PO# 5183.0001	Date Received:	12/05/24
Client Sample ID:	WATER TREATMENT DISCHARGE	SDG No.:	P5141
Lab Sample ID:	P5141-01	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.
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	12/09/24 09:10	12/10/24 12:57	SW6010	SW3010
7440-47-3	Chromium	359		1	0.66	5.00	ug/L	12/09/24 09:10	12/10/24 12:57	SW6010	SW3010
7440-50-8	Copper	10.3		1	7.07	10.0	ug/L	12/09/24 09:10	12/10/24 12:57	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	12/09/24 09:10	12/10/24 12:57	SW6010	SW3010
7440-02-0	Nickel	55.8		1	0.85	20.0	ug/L	12/09/24 09:10	12/10/24 12:57	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	12/09/24 09:10	12/10/24 12:57	SW6010	SW3010
7440-66-6	Zinc	573		1	1.75	20.0	ug/L	12/09/24 09:10	12/10/24 12:57	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group5				

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

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:20	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	11:20	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	11:20	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	11:20	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	11:20	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	11:20	LB133866

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	11:48	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	11:48	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	11:48	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	11:48	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	11:48	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	11:48	LB133866
CCB02	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	12:39	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	12:39	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	12:39	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	12:39	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	12:39	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	12:39	LB133866
CCB03	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	13:30	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	13:30	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	13:30	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	13:30	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	13:30	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	13:30	LB133866
CCB04	Cadmium	6.00	+/-6.00	U	6.00	P	12/10/2024	14:24	LB133866
	Chromium	10.0	+/-10.0	U	10.0	P	12/10/2024	14:24	LB133866
	Copper	20.0	+/-20.0	U	20.0	P	12/10/2024	14:24	LB133866
	Lead	12.0	+/-12.0	U	12.0	P	12/10/2024	14:24	LB133866
	Nickel	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866
	Silver	10.0	+/-10.0	U	10.0	P	12/10/2024	14:24	LB133866
	Zinc	40.0	+/-40.0	U	40.0	P	12/10/2024	14:24	LB133866

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB165464BL		**WATER**		**Batch Number:**	**PB165464**		**Prep Date:**	**12/09/2024**	
	Cadmium	3.00	<3.00	U	3.00	P	12/10/2024	12:01	LB133866
	Chromium	5.00	<5.00	U	5.00	P	12/10/2024	12:01	LB133866
	Copper	10.0	<10.0	U	10.0	P	12/10/2024	12:01	LB133866
	Lead	6.00	<6.00	U	6.00	P	12/10/2024	12:01	LB133866
	Nickel	20.0	<20.0	U	20.0	P	12/10/2024	12:01	LB133866
	Silver	5.00	<5.00	U	5.00	P	12/10/2024	12:01	LB133866
	Zinc	20.0	<20.0	U	20.0	P	12/10/2024	12:01	LB133866

METAL CALIBRATION DATA

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

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
ICV01	Cadmium	520	510	102	90 - 110	P	12/10/2024	11:04	LB133866
	Chromium	551	520	106	90 - 110	P	12/10/2024	11:04	LB133866
	Copper	546	510	107	90 - 110	P	12/10/2024	11:04	LB133866
	Lead	1030	1000	103	90 - 110	P	12/10/2024	11:04	LB133866
	Nickel	531	530	100	90 - 110	P	12/10/2024	11:04	LB133866
	Silver	264	250	106	90 - 110	P	12/10/2024	11:04	LB133866
	Zinc	1090	1000	108	90 - 110	P	12/10/2024	11:04	LB133866

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

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	Cadmium	5.98	6.0	100	80 - 120	P	12/10/2024	11:08	LB133866
	Chromium	9.98	10.0	100	80 - 120	P	12/10/2024	11:08	LB133866
	Copper	22.8	20.0	114	80 - 120	P	12/10/2024	11:08	LB133866
	Lead	12.4	12.0	103	80 - 120	P	12/10/2024	11:08	LB133866
	Nickel	39.8	40.0	99	80 - 120	P	12/10/2024	11:08	LB133866
	Silver	10.6	10.0	106	80 - 120	P	12/10/2024	11:08	LB133866
	Zinc	45.5	40.0	114	80 - 120	P	12/10/2024	11:08	LB133866

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

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	Cadmium	2430	2500	97	90 - 110	P	12/10/2024	11:44	LB133866
	Chromium	1000	1000	100	90 - 110	P	12/10/2024	11:44	LB133866
	Copper	1240	1250	100	90 - 110	P	12/10/2024	11:44	LB133866
	Lead	4880	5000	98	90 - 110	P	12/10/2024	11:44	LB133866
	Nickel	2430	2500	97	90 - 110	P	12/10/2024	11:44	LB133866
	Silver	1240	1250	99	90 - 110	P	12/10/2024	11:44	LB133866
	Zinc	2520	2500	101	90 - 110	P	12/10/2024	11:44	LB133866
CCV02	Cadmium	2360	2500	95	90 - 110	P	12/10/2024	12:35	LB133866
	Chromium	969	1000	97	90 - 110	P	12/10/2024	12:35	LB133866
	Copper	1230	1250	98	90 - 110	P	12/10/2024	12:35	LB133866
	Lead	4760	5000	95	90 - 110	P	12/10/2024	12:35	LB133866
	Nickel	2370	2500	95	90 - 110	P	12/10/2024	12:35	LB133866
	Silver	1210	1250	97	90 - 110	P	12/10/2024	12:35	LB133866
	Zinc	2480	2500	99	90 - 110	P	12/10/2024	12:35	LB133866
CCV03	Cadmium	2410	2500	96	90 - 110	P	12/10/2024	13:26	LB133866
	Chromium	996	1000	100	90 - 110	P	12/10/2024	13:26	LB133866
	Copper	1250	1250	100	90 - 110	P	12/10/2024	13:26	LB133866
	Lead	4850	5000	97	90 - 110	P	12/10/2024	13:26	LB133866
	Nickel	2420	2500	97	90 - 110	P	12/10/2024	13:26	LB133866
	Silver	1240	1250	99	90 - 110	P	12/10/2024	13:26	LB133866
	Zinc	2520	2500	101	90 - 110	P	12/10/2024	13:26	LB133866
CCV04	Cadmium	2410	2500	96	90 - 110	P	12/10/2024	14:19	LB133866
	Chromium	991	1000	99	90 - 110	P	12/10/2024	14:19	LB133866
	Copper	1250	1250	100	90 - 110	P	12/10/2024	14:19	LB133866
	Lead	4850	5000	97	90 - 110	P	12/10/2024	14:19	LB133866
	Nickel	2420	2500	97	90 - 110	P	12/10/2024	14:19	LB133866
	Silver	1230	1250	99	90 - 110	P	12/10/2024	14:19	LB133866
	Zinc	2510	2500	100	90 - 110	P	12/10/2024	14:19	LB133866

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

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

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	Cadmium	5.80	6.0	97	40 - 160	P	12/10/2024	11:24	LB133866
	Chromium	9.86	10.0	99	40 - 160	P	12/10/2024	11:24	LB133866
	Copper	22.5	20.0	113	40 - 160	P	12/10/2024	11:24	LB133866
	Lead	11.2	12.0	94	40 - 160	P	12/10/2024	11:24	LB133866
	Nickel	39.3	40.0	98	40 - 160	P	12/10/2024	11:24	LB133866
	Silver	10.7	10.0	107	40 - 160	P	12/10/2024	11:24	LB133866
	Zinc	43.8	40.0	110	40 - 160	P	12/10/2024	11:24	LB133866

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

ICS Source: EPA **Instrument ID:** P4

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	Cadmium	3.45	1.0	345	-5	7	12/10/2024	11:36	LB133866
	Chromium	56.5	52.0	109	42	62	12/10/2024	11:36	LB133866
	Copper	5.99	2.0	300	-18	22	12/10/2024	11:36	LB133866
	Lead	10.4			-12	12	12/10/2024	11:36	LB133866
	Nickel	31.3	2.0	1565	-38	42	12/10/2024	11:36	LB133866
	Silver	-2.00			-10	10	12/10/2024	11:36	LB133866
	Zinc	-6.01			-40	40	12/10/2024	11:36	LB133866
ICSAB01	Cadmium	952	972	98	826	1120	12/10/2024	11:40	LB133866
	Chromium	539	542	99	460	624	12/10/2024	11:40	LB133866
	Copper	470	511	92	434	588	12/10/2024	11:40	LB133866
	Lead	59.2	49.0	121	37	61	12/10/2024	11:40	LB133866
	Nickel	974	954	102	810	1100	12/10/2024	11:40	LB133866
	Silver	190	201	94	170	232	12/10/2024	11:40	LB133866
	Zinc	911	952	96	809	1095	12/10/2024	11:40	LB133866

METAL QC DATA

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

metals
- 5a -
MATRIX SPIKE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** P5141

contract: VERI01 **lab code:** CHEM **case no.:** P5141 **sas no.:** P5141

matrix: Water **sample id:** P5093-02 **client id:** LL-001-FB-12-4-24MS

Percent Solids for Sample: NA **Spiked ID:** P5093-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	78.8		3.00	U	100	79		P
Chromium	ug/L	75 - 125	180		5.00	U	200	90		P
Copper	ug/L	75 - 125	134		10.0	U	150	89		P
Lead	ug/L	75 - 125	392		6.00	U	500	78		P
Nickel	ug/L	75 - 125	207		20.0	U	250	83		P
Silver	ug/L	75 - 125	31.6		5.00	U	37.5	84		P
Zinc	ug/L	75 - 125	91.4		20.0	U	100	91		P

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

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: VERINA CONSULTING GROUP, LLC **level:** low **sdg no.:** P5141

contract: VERI01 **lab code:** CHEM **case no.:** P5141 **sas no.:** P5141

matrix: Water **sample id:** P5093-02 **client id:** LL-001-FB-12-4-24MSD

Percent Solids for Sample: NA **Spiked ID:** P5093-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cadmium	ug/L	75 - 125	78.4		3.00	U	100	78		P
Chromium	ug/L	75 - 125	180		5.00	U	200	90		P
Copper	ug/L	75 - 125	133		10.0	U	150	89		P
Lead	ug/L	75 - 125	391		6.00	U	500	78		P
Nickel	ug/L	75 - 125	205		20.0	U	250	82		P
Silver	ug/L	75 - 125	31.5		5.00	U	37.5	84		P
Zinc	ug/L	75 - 125	90.3		20.0	U	100	90		P

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

Metals
- 5b -

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

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

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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Matrix: Water **Sample ID:** P5093-02 **Client ID:** LL-001-FB-12-4-24DUP

Percent Solids for Sample: NA **Duplicate ID** P5093-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	3.00	U	3.00	U			P
Chromium	ug/L	20	5.00	U	5.00	U			P
Copper	ug/L	20	10.0	U	10.0	U			P
Lead	ug/L	20	6.00	U	6.00	U			P
Nickel	ug/L	20	20.0	U	20.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Zinc	ug/L	20	20.0	U	20.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **Level:** LOW **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Matrix: Water **Sample ID:** P5093-02MS **Client ID:** LL-001-FB-12-4-24MSD

Percent Solids for Sample: NA **Duplicate ID** P5093-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cadmium	ug/L	20	78.8		78.4		1		P
Chromium	ug/L	20	180		180		0		P
Copper	ug/L	20	134		133		1		P
Lead	ug/L	20	392		391		0		P
Nickel	ug/L	20	207		205		1		P
Silver	ug/L	20	31.6		31.5		0		P
Zinc	ug/L	20	91.4		90.3		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165464BS							
Cadmium	ug/L	100	95.5		96	80 - 120	P
Chromium	ug/L	200	205		102	80 - 120	P
Copper	ug/L	150	156		104	80 - 120	P
Lead	ug/L	500	480		96	80 - 120	P
Nickel	ug/L	250	245		98	80 - 120	P
Silver	ug/L	37.5	37.7		100	80 - 120	P
Zinc	ug/L	100	106		106	80 - 120	P

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

LL-001-FB-12-4-24L

Lab Name: Chemtech Consulting Group **Contract:** VERI01

Lab Code: CHEM **Lb No.:** lb133866 **Lab Sample ID :** P5093-02L **SDG No.:** P5141

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Cadmium	3.00	U	15.0	U			P
Chromium	5.00	U	4.66	J	100.0		P
Copper	10.0	U	50.0	U			P
Lead	6.00	U	30.0	U			P
Nickel	20.0	U	100	U			P
Silver	5.00	U	25.0	U			P
Zinc	20.0	U	100	U			P

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

metals
- 14 -
ANALYSIS RUN LOG

Client: VERINA CONSULTING GROUP, LLC **Contract:** VERI01

Lab code: CHEM **Case no.:** P5141 **Sas no.:** P5141 **Sdg no.:** P5141

Instrument id number: **Method:** **Run number:** LB133866

Start date: 12/10/2024 **End date:** 12/10/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1038	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S1	S1	1	1043	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S2	S2	1	1047	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S3	S3	1	1051	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S4	S4	1	1056	Ag,Cd,Cr,Cu,Ni,Pb,Zn
S5	S5	1	1100	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICV01	ICV01	1	1104	Ag,Cd,Cr,Cu,Ni,Pb,Zn
LLICV01	LLICV01	1	1108	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICB01	ICB01	1	1120	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CRI01	CRI01	1	1124	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSA01	ICSA01	1	1136	Ag,Cd,Cr,Cu,Ni,Pb,Zn
ICSAB01	ICSAB01	1	1140	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV01	CCV01	1	1144	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB01	CCB01	1	1148	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB165464BL	PB165464BL	1	1201	Ag,Cd,Cr,Cu,Ni,Pb,Zn
PB165464BS	PB165464BS	1	1206	Ag,Cd,Cr,Cu,Ni,Pb,Zn
P5093-02DUP	LL-001-FB-12-4-24DUP	1	1227	Ag,Cd,Cr,Cu,Ni,Pb,Zn
P5093-02L	LL-001-FB-12-4-24L	5	1231	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV02	CCV02	1	1235	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB02	CCB02	1	1239	Ag,Cd,Cr,Cu,Ni,Pb,Zn
P5093-02MS	LL-001-FB-12-4-24MS	1	1244	Ag,Cd,Cr,Cu,Ni,Pb,Zn
P5093-02MSD	LL-001-FB-12-4-24MSD	1	1248	Ag,Cd,Cr,Cu,Ni,Pb,Zn
P5141-01	WATER TREATMENT DISCHA	1	1257	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV03	CCV03	1	1326	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB03	CCB03	1	1330	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCV04	CCV04	1	1419	Ag,Cd,Cr,Cu,Ni,Pb,Zn
CCB04	CCB04	1	1424	Ag,Cd,Cr,Cu,Ni,Pb,Zn

METAL PREPARATION & INSTRUMENT DATA

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

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
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Case No.:** P5141 **SAS No.:** P5141

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
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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

LAB CHRONICLE

OrderID:	P5141	**OrderDate:**	12/5/2024 12:27:00 PM
Client:	VERINA CONSULTING GROUP, LLC	**Project:**	Rotor Clip - PO# 5183.0001
Contact:	Michael Valenzi	**Location:**	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5141-01	**WATER TREATMENT DISCHARGE**	**Water**			**12/05/24**			**12/05/24**
			Metals Group5	6010D		12/09/24	12/10/24	

METAL PREPARATION & ANALYICAL SUMMARY

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Contract: VERI01 **Lab Code:** CHEM **Method:**

Case No.: P5141 **SAS No.:** P5141

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB165464**						
P5093-02DUP	LL-001-FB-12-4-24DUP	DUP	WATER	12/09/2024	50.0	25.0	
P5093-02MS	LL-001-FB-12-4-24MS	MS	WATER	12/09/2024	50.0	25.0	
P5093-02MSD	LL-001-FB-12-4-24MSD	MSD	WATER	12/09/2024	50.0	25.0	
P5141-01	WATER TREATMENT DISCHARGE	SAM	WATER	12/09/2024	50.0	25.0	
PB165464BL	PB165464BL	MB	WATER	12/09/2024	50.0	25.0	
PB165464BS	PB165464BS	LCS	WATER	12/09/2024	50.0	25.0	

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133866

Review By	mohan	Review On	12/13/2024 3:24:42 AM
Supervise By	jaswal	Supervise On	12/13/2024 3:25:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558
ICV Standard	MP83559
CCV Standard	MP83562
ICSA Standard	MP83560,MP83561
CRI Standard	MP83558
LCS Standard	
Chk Standard	MP83565,MP83566

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/10/24 10:38		Kareem	OK
2	S1	S1	CAL2	12/10/24 10:43		Kareem	OK
3	S2	S2	CAL3	12/10/24 10:47		Kareem	OK
4	S3	S3	CAL4	12/10/24 10:51		Kareem	OK
5	S4	S4	CAL5	12/10/24 10:56		Kareem	OK
6	S5	S5	CAL6	12/10/24 11:00		Kareem	OK
7	ICV01	ICV01	ICV	12/10/24 11:04		Kareem	OK
8	LLICV01	LLICV01	LLICV	12/10/24 11:08		Kareem	OK
9	ICB01	ICB01	ICB	12/10/24 11:20		Kareem	OK
10	CRI01	CRI01	CRDL	12/10/24 11:24		Kareem	OK
11	ICSA01	ICSA01	ICSA	12/10/24 11:36		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	12/10/24 11:40		Kareem	OK
13	CCV01	CCV01	CCV	12/10/24 11:44		Kareem	OK
14	CCB01	CCB01	CCB	12/10/24 11:48		Kareem	OK
15	PB165463BL	PB165463BL	MB	12/10/24 11:53		Kareem	OK
16	PB165463BS	PB165463BS	LCS	12/10/24 11:57	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
17	PB165464BL	PB165464BL	MB	12/10/24 12:01		Kareem	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133866

Review By	mohan	Review On	12/13/2024 3:24:42 AM
Supervise By	jaswal	Supervise On	12/13/2024 3:25:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558
ICV Standard	MP83559
CCV Standard	MP83562
ICSA Standard	MP83560,MP83561
CRI Standard	MP83558
LCS Standard	
Chk Standard	MP83565,MP83566

18	PB165464BS	PB165464BS	LCS	12/10/24 12:06	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
19	P5145-01	286085	SAM	12/10/24 12:10		Kareem	OK
20	P5074-02	COMP	SAM	12/10/24 12:14		Kareem	OK
21	P5093-01	LL-001	SAM	12/10/24 12:18		Kareem	OK
22	P5093-02	LL-001-FB-12-4-24	SAM	12/10/24 12:22		Kareem	OK
23	P5093-02DUP	LL-001-FB-12-4-24DU	DUP	12/10/24 12:27		Kareem	OK
24	P5093-02L	LL-001-FB-12-4-24L	SD	12/10/24 12:31		Kareem	OK
25	CCV02	CCV02	CCV	12/10/24 12:35		Kareem	OK
26	CCB02	CCB02	CCB	12/10/24 12:39		Kareem	OK
27	P5093-02MS	LL-001-FB-12-4-24MS	MS	12/10/24 12:44	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
28	P5093-02MSD	LL-001-FB-12-4-24MS	MSD	12/10/24 12:48	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
29	P5093-02A	LL-001-FB-12-4-24A	PS	12/10/24 12:53	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
30	P5141-01	WATER TREATMENT	SAM	12/10/24 12:57		Kareem	OK
31	P5174-01	ROLL-OFF-COMP	SAM	12/10/24 13:01		Kareem	OK
32	P5175-01	OK-01-12062024	SAM	12/10/24 13:05		Kareem	OK
33	P5176-01	EO-02-12062024	SAM	12/10/24 13:09		Kareem	OK
34	P5176-03	EO-03-12062024	SAM	12/10/24 13:13		Kareem	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133866

Review By	mohan	Review On	12/13/2024 3:24:42 AM
Supervise By	jaswal	Supervise On	12/13/2024 3:25:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558
ICV Standard	MP83559
CCV Standard	MP83562
ICSA Standard	MP83560,MP83561
CRI Standard	MP83558
LCS Standard	
Chk Standard	MP83565,MP83566

35	P5196-01	MH-761	SAM	12/10/24 13:18		Kareem	OK
36	P5196-01DUP	MH-761DUP	DUP	12/10/24 13:22		Kareem	OK
37	CCV03	CCV03	CCV	12/10/24 13:26		Kareem	OK
38	CCB03	CCB03	CCB	12/10/24 13:30		Kareem	OK
39	P5196-01L	MH-761L	SD	12/10/24 13:34		Kareem	OK
40	P5196-01MS	MH-761MS	MS	12/10/24 13:39	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
41	P5196-01MSD	MH-761MSD	MSD	12/10/24 13:43	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
42	P5196-01A	MH-761A	PS	12/10/24 13:47	0.1ml of m6001 and m6010 were added to 10ml of the sample	Kareem	OK
43	LR1	LR1	HIGH STD	12/10/24 13:52		Kareem	OK
44	LR2	LR2	HIGH STD	12/10/24 13:57		Kareem	OK
45	CCV04	CCV04	CCV	12/10/24 14:19		Kareem	OK
46	CCB04	CCB04	CCB	12/10/24 14:24		Kareem	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB165464

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 12/09/2024 **Time :** 09:10 **Temp :** 96 °C

End Digest Date: 12/09/2024 **Time :** 12:20 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6000
LFS-2	0.25	M6009
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6126
1:1 HCL	5.00	MP83499
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL #50 Temp: 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/9/24 12:50	met Digestion	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB165464

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
P5074-02	COMP	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	1
P5093-01	LL-001	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	2
P5093-02	LL-001-FB-12-4-24	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	3
P5093-02MS	LL-001-FB-12-4-24MS	N/A	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	5
P5093-02MSD	LL-001-FB-12-4-24MSD	N/A	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	6
P5093-02DUP	LL-001-FB-12-4-24DUP	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	4
P5141-01	WATER TREATMENT DISCHARGE	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	7
P5145-01	286085	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	8
PB165464BL	PBW464	N/A	50	25	Colorless	Colorless	Clear	Clear	N/A	9
PB165464BS	LCS464	N/A	50	25	Colorless	Colorless	Clear	Clear	M6000,M6009	10

SAMPLE DATA

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

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	12/05/24 10:40
Project:	Rotor Clip - PO# 5183.0001	Date Received:	12/05/24
Client Sample ID:	WATER TREATMENT DISCHARGE	SDG No.:	P5141
Lab Sample ID:	P5141-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.70		1	0.045	0.10	mg/L	12/09/24 08:50	12/09/24 14:17	SM 4500-NH3 B plus G-11
BOD5	31.0		1	0.17	2.00	mg/L		12/05/24 17:40	SM 5210 B-16
COD	139		1	2.35	10.0	mg/L		12/09/24 14:22	SM 5220 D-11
Residual Chlorine	0.26	H	1	0.016	0.10	mg/L		12/05/24 16:21	SM 4500-Cl G-11
TSS	8.00		1	1.00	4.00	mg/L		12/09/24 11:00	SM 2540 D-15

Comments:

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

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

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	12/05/24 10:43
Project:	Rotor Clip - PO# 5183.0001	Date Received:	12/05/24
Client Sample ID:	WATER TREATMENT DISCHARGE	SDG No.:	P5141
Lab Sample ID:	P5141-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0024	J	1	0.00099	0.0050	mg/L	12/07/24 10:00	12/09/24 12:54	9012B
Oil and Grease	1.10	J	1	0.40	5.00	mg/L		12/06/24 10:30	1664A

Comments:

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

QC RESULT SUMMARY

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

Initial and Continuing Calibration Verification

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133768

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV						
Residual Chlorine	mg/L	0.414	0.4	104	90-110	12/05/2024
Sample ID: CCV1						
Residual Chlorine	mg/L	0.404	0.4	101	90-110	12/05/2024
Sample ID: CCV2						
Residual Chlorine	mg/L	0.404	0.4	101	90-110	12/05/2024

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

Initial and Continuing Calibration Verification

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133837

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV**						
COD	mg/L	51.341	50	103	95-105	10/14/2024
Sample ID: **CCV1**						
COD	mg/L	51.341	50	103	95-105	12/09/2024
Sample ID: **CCV2**						
COD	mg/L	50.336	50	101	95-105	12/09/2024
Sample ID: **CCV3**						
COD	mg/L	51.341	50	103	95-105	12/09/2024

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

Initial and Continuing Calibration Verification

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133842

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Ammonia as N	mg/L	1	1	100	90-110	12/09/2024
Sample ID: **CCV1**						
Ammonia as N	mg/L	1.1	1	110	90-110	12/09/2024
Sample ID: **CCV2**						
Ammonia as N	mg/L	1	1	100	90-110	12/09/2024
Sample ID: **CCV3**						
Ammonia as N	mg/L	1	1	100	90-110	12/09/2024
Sample ID: **CCV4**						
Ammonia as N	mg/L	1	1	100	90-110	12/09/2024

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

Initial and Continuing Calibration Verification

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133847

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID:	**ICV1**						
Cyanide		mg/L	0.1	0.099	101	90-110	12/09/2024
Sample ID:	**CCV1**						
Cyanide		mg/L	0.26	0.25	104	90-110	12/09/2024
Sample ID:	**CCV2**						
Cyanide		mg/L	0.25	0.25	100	90-110	12/09/2024
Sample ID:	**CCV3**						
Cyanide		mg/L	0.27	0.25	108	90-110	12/09/2024

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

Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133768

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	12/05/2024
Sample ID: CCB1							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	12/05/2024
Sample ID: CCB2							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	12/05/2024

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

Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133837

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: **ICB**							
COD	mg/L	< 5.0000	5.0000	U	2.35	10	10/14/2024
Sample ID: **CCB1**							
COD	mg/L	< 5.0000	5.0000	U	2.35	10	12/09/2024
Sample ID: **CCB2**							
COD	mg/L	< 5.0000	5.0000	U	2.35	10	12/09/2024
Sample ID: **CCB3**							
COD	mg/L	< 5.0000	5.0000	U	2.35	10	12/09/2024

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

Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133842

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/09/2024
Sample ID: CCB1							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/09/2024
Sample ID: CCB2							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/09/2024
Sample ID: CCB3							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/09/2024
Sample ID: CCB4							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/09/2024

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

Initial and Continuing Calibration Blank Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**RunNo.:**	LB133847

Analyte		Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	ICB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/09/2024
Sample ID:	CCB1							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/09/2024
Sample ID:	CCB2							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/09/2024
Sample ID:	CCB3							
Cyanide		mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/09/2024

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

Preparation Blank Summary

Client: VERINA CONSULTING GROUP, LLC **SDG No.:** P5141

Project: Rotor Clip - PO# 5183.0001

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB133768BL							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.016	0.1	12/05/2024
Sample ID: LB133770BL							
BOD5	mg/L	< 0.2000	0.2000	U	0.17	2.0	12/05/2024
Sample ID: LB133785BL							
Oil and Grease	mg/L	< 2.5000	2.5000	U	0.4	5.0	12/06/2024
Sample ID: LB133837BL							
COD	mg/L	< 5.0000	5.0000	U	2.35	10.0	12/09/2024
Sample ID: LB133838BL							
TSS	mg/L	< 2.0000	2.0000	U	1	4	12/09/2024
Sample ID: PB165461BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.045	0.1	12/09/2024
Sample ID: PB165498BL							
Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	12/09/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5093-02
Client ID: LL-001-FB-12-4-24MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.038		0.00099	U	0.04	1	95		12/09/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5093-02
Client ID: LL-001-FB-12-4-24MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Cyanide	mg/L	75-125	0.038		0.00099	U	0.04	1	95		12/09/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5139-01
Client ID: 001-WILLETS-PT-BLVD(DEC)MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	2.80	OR	1.80		1	1	100		12/09/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5139-01
Client ID: 001-WILLETS-PT-BLVD(DEC)MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/L	75-125	2.90	OR	1.80		1	1	110		12/09/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5141-01
Client ID: WATER TREATMENT DISCHARGEMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.68		0.26		0.4	1	103		12/05/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5141-01
Client ID: WATER TREATMENT DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.67		0.26		0.4	1	101		12/05/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5141-02
Client ID: WATER TREATMENT DISCHARGEMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	21.3		1.10	J	20.0	1	101		12/06/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5141-02
Client ID: WATER TREATMENT DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	21.7		1.10	J	20.0	1	103		12/06/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5143-01
Client ID: DSN002MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	118		71.5		50.0	1	93		12/09/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5143-01
Client ID: DSN002MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	116		71.5		50.0	1	89		12/09/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5146-01
Client ID: EFFLUENTMS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	46.6		26.3		20.0	1	102		12/06/2024

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

Matrix Spike Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5146-01
Client ID: EFFLUENTMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Oil and Grease	mg/L	78-114	45.9		26.3		20.0	1	98		12/06/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5068-01
Client ID: 14B-1DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	4500		4530		1	0.66		12/09/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5074-02
Client ID: COMPDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	1250		1210		1	3.02		12/05/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5093-02
Client ID: LL-001-FB-12-4-24DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.00099	U	0.00099	U	1	0		12/09/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5093-02
Client ID: LL-001-FB-12-4-24MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Cyanide	mg/L	+/-20	0.038		0.038		1	0		12/09/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5139-01
Client ID: 001-WILLETS-PT-BLVD(DEC)DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	1.80		1.80		1	0		12/09/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5139-01
Client ID: 001-WILLETS-PT-BLVD(DEC)MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	2.80	OR	2.90	OR	1	4		12/09/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5141-01
Client ID: WATER TREATMENT DISCHARGEDUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.26		0.24		1	7.91		12/05/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5141-01
Client ID: WATER TREATMENT DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.68		0.67		1	1.49		12/05/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5141-02
Client ID: WATER TREATMENT DISCHARGEMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	21.3		21.7		1	1.86		12/06/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5143-01
Client ID: DSN002DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	71.5		72.5		1	1.39		12/09/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5143-01
Client ID: DSN002MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	118		116		1	1.71		12/09/2024

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

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC
SDG No.: P5141
Project: Rotor Clip - PO# 5183.0001
Sample ID: P5146-01
Client ID: EFFLUENTMSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Oil and Grease	mg/L	+/-18	46.6		45.9		1	1.51		12/06/2024

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

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**Run No.:**	LB133768

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB133768BS								
Residual Chlorine	**mg/L**	**0.4**	**0.41**		**104**	**1**	**90-110**	**12/05/2024**

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

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**Run No.:**	LB133770

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB133770BS								
BOD5	mg/L	198	212		107	1	84.6-115.4	12/05/2024

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

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**Run No.:**	LB133785

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB133785BS								
Oil and Grease	mg/L	20.0	16.8		84	1	78-114	12/06/2024

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

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**Run No.:**	LB133837

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB133837BS								
COD	mg/L	50	49.3		99	1	90-110	12/09/2024

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

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**Run No.:**	LB133838

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB133838BS								
TSS	mg/L	550	530		96	1	90-110	12/09/2024

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

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**Run No.:**	LB133842

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID PB165461BS								
Ammonia as N	mg/L	1	1.00		100	1	90-110	12/09/2024

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

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	**SDG No.:**	P5141
Project:	Rotor Clip - PO# 5183.0001	**Run No.:**	LB133847

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **PB165498BS**								
Cyanide	mg/L	0.1	0.10		100	1	85-115	12/09/2024

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB133768

Review By	Niha	Review On	12/6/2024 1:47:04 PM
Supervise By	Iwona	Supervise On	12/6/2024 2:05:50 PM
SubDirectory	LB133768	Test	Residual Chlorine

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP110973,WP110968,WP110969,WP110970,WP110967,WP110971,WP110972,W3147

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	12/05/24 15:45		Niha	OK
2	CAL2	CAL2	CAL	12/05/24 15:48		Niha	OK
3	CAL3	CAL3	CAL	12/05/24 15:51		Niha	OK
4	CAL4	CAL4	CAL	12/05/24 15:54		Niha	OK
5	CAL5	CAL5	CAL	12/05/24 15:57		Niha	OK
6	CAL6	CAL6	CAL	12/05/24 16:00		Niha	OK
7	ICV	ICV	ICV	12/05/24 16:03		Niha	OK
8	ICB	ICB	ICB	12/05/24 16:06		Niha	OK
9	CCV1	CCV1	CCV	12/05/24 16:09		Niha	OK
10	CCB1	CCB1	CCB	12/05/24 16:12		Niha	OK
11	LB133768BL	LB133768BL	MB	12/05/24 16:15		Niha	OK
12	LB133768BS	LB133768BS	LCS	12/05/24 16:18		Niha	OK
13	P5141-01	WATER TREATMENT	SAM	12/05/24 16:21		Niha	OK
14	P5141-01DUP	WATER TREATMENT	DUP	12/05/24 16:24		Niha	OK
15	P5141-01MS	WATER TREATMENT	MS	12/05/24 16:27		Niha	OK
16	P5141-01MSD	WATER TREATMENT	MSD	12/05/24 16:30		Niha	OK
17	CCV2	CCV2	CCV	12/05/24 16:33		Niha	OK
18	CCB2	CCB2	CCB	12/05/24 16:36		Niha	OK

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

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QCBatch ID # LB133770

Review By	rubina	Review On	12/10/2024 2:37:16 PM
Supervise By	Iwona	Supervise On	12/12/2024 9:48:12 AM
SubDirectory	LB133770	Test	BOD5

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP110974,W3149,WP110386,W3103,W3109,W3105,WP110976,WP110975,WP108662

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB133770BL	LB133770BL	MB	12/05/24 17:40		rubina	OK
2	LB133770BS	LB133770BS	LCS	12/05/24 17:40		rubina	OK
3	P5074-02	COMP	SAM	12/05/24 17:40	Intermediate dilution	rubina	OK
4	P5074-02DUP	COMPDUP	DUP	12/05/24 17:40	Intermediate dilution	rubina	OK
5	P5139-01	001-WILLETS-PT-BL	SAM	12/05/24 17:40		rubina	OK
6	P5139-02	002-35TH-AVE(DEC)	SAM	12/05/24 17:40		rubina	OK
7	P5141-01	WATER TREATMENT	SAM	12/05/24 17:40		rubina	OK
8	P5143-01	DSN002	SAM	12/05/24 17:40		rubina	OK
9	P5143-03	DSN001	SAM	12/05/24 17:40		rubina	OK
10	P5143-05	DSN003	SAM	12/05/24 17:40		rubina	OK
11	P5145-01	286085	SAM	12/05/24 17:40		rubina	OK
12	P5146-01	EFFLUENT	SAM	12/05/24 17:40	Intermediate dilution	rubina	OK
13	P5146-05	INFLUENT	SAM	12/05/24 17:40	Intermediate dilution	rubina	OK

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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB133785

Review By	jignesh	Review On	12/6/2024 2:34:01 PM
Supervise By	Iwona	Supervise On	12/12/2024 11:50:38 AM
SubDirectory	LB133785	Test	Oil and Grease

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	W3153,M6069,EP2570,WP110826,NA,NA,WP100827,NA,WP100828

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB133785BL	LB133785BL	MB	12/06/24 10:30		jignesh	OK
2	LB133785BS	LB133785BS	LCS	12/06/24 10:30		jignesh	OK
3	P5138-01	001-WILLETS-PT-BL	SAM	12/06/24 10:30		jignesh	OK
4	P5138-02	002-35TH-AVE(NOV)	SAM	12/06/24 10:30		jignesh	OK
5	P5139-01	001-WILLETS-PT-BL	SAM	12/06/24 10:30		jignesh	OK
6	P5139-02	002-35TH-AVE(DEC)	SAM	12/06/24 10:30		jignesh	OK
7	P5141-02	WATER TREATMENT	SAM	12/06/24 10:30		jignesh	OK
8	P5141-03	P5141-02MS	MS	12/06/24 10:30		jignesh	OK
9	P5141-04	P5141-02MSD	MSD	12/06/24 10:30		jignesh	OK
10	P5146-01	EFFLUENT	SAM	12/06/24 10:30		jignesh	OK
11	P5146-02	P5146-01MS	MS	12/06/24 10:30		jignesh	OK
12	P5146-03	P5146-01MSD	MSD	12/06/24 10:30		jignesh	OK

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

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB133837

Review By	Iwona	Review On	12/9/2024 2:49:54 PM
Supervise By	jignesh	Supervise On	12/9/2024 2:55:42 PM
SubDirectory	LB133837	Test	COD

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP110197,WP110200,WP110198,WP110196,WP110658,WP110199,WP110926,WP110925,W3125

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	10/14/24 13:10		Iwona	OK
2	CAL2	CAL2	CAL	10/14/24 13:10		Iwona	OK
3	CAL3	CAL3	CAL	10/14/24 13:11		Iwona	OK
4	CAL4	CAL4	CAL	10/14/24 13:11		Iwona	OK
5	CAL5	CAL5	CAL	10/14/24 13:12		Iwona	OK
6	ICV	ICV	ICV	10/14/24 13:12		Iwona	OK
7	ICB	ICB	ICB	10/14/24 13:13		Iwona	OK
8	CCV1	CCV1	CCV	12/09/24 14:20		Iwona	OK
9	CCB1	CCB1	CCB	12/09/24 14:20		Iwona	OK
10	LB133837BL	LB133837BL	MB	12/09/24 14:21		Iwona	OK
11	LB133837BS	LB133837BS	LCS	12/09/24 14:21		Iwona	OK
12	P5141-01	WATER TREATMENT	SAM	12/09/24 14:22		Iwona	OK
13	P5143-01	DSN002	SAM	12/09/24 14:22		Iwona	OK
14	P5143-01DUP	DSN002DUP	DUP	12/09/24 14:23		Iwona	OK
15	P5143-01MS	DSN002MS	MS	12/09/24 14:23	0.5ml WP110923 + 9.5ml Sample	Iwona	OK
16	P5143-01MSD	DSN002MSD	MSD	12/09/24 14:24	0.5ml WP110923 + 9.5ml Sample	Iwona	OK
17	P5143-03	DSN001	SAM	12/09/24 14:24		Iwona	OK
18	P5143-04	DSN001	SAM	12/09/24 14:25		Iwona	OK

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

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB133837

Review By	Iwona	Review On	12/9/2024 2:49:54 PM
Supervise By	jignesh	Supervise On	12/9/2024 2:55:42 PM
SubDirectory	LB133837	Test	COD

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP110197,WP110200,WP110198,WP110196,WP110658,WP110199,WP110926,WP110925,W3125

19	P5143-05	DSN003	SAM	12/09/24 14:25		Iwona	OK
20	CCV2	CCV2	CCV	12/09/24 14:26		Iwona	OK
21	CCB2	CCB2	CCB	12/09/24 14:26		Iwona	OK
22	P5145-01	286085	SAM	12/09/24 14:26		Iwona	OK
23	CCV3	CCV3	CCV	12/09/24 14:27		Iwona	OK
24	CCB3	CCB3	CCB	12/09/24 14:27		Iwona	OK

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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB133838

Review By	Niha	Review On	12/9/2024 3:58:06 PM
Supervise By	Iwona	Supervise On	12/9/2024 4:07:11 PM
SubDirectory	LB133838	Test	TSS

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB133838BL	LB133838BL	MB	12/09/24 11:00		Niha	OK
2	LB133838BS	LB133838BS	LCS	12/09/24 11:00		Niha	OK
3	P5068-01	14B-1	SAM	12/09/24 11:00		Niha	OK
4	P5068-01DUP	14B-1DUP	DUP	12/09/24 11:00		Niha	OK
5	P5068-02	14B-2	SAM	12/09/24 11:00		Niha	OK
6	P5068-03	14B-3	SAM	12/09/24 11:00		Niha	OK
7	P5068-04	14B-4	SAM	12/09/24 11:00		Niha	OK
8	P5074-02	COMP	SAM	12/09/24 11:00		Niha	OK
9	P5138-01	001-WILLETS-PT-BL	SAM	12/09/24 11:00		Niha	OK
10	P5138-02	002-35TH-AVE(NOV)	SAM	12/09/24 11:00		Niha	OK
11	P5139-01	001-WILLETS-PT-BL	SAM	12/09/24 11:00		Niha	OK
12	P5139-02	002-35TH-AVE(DEC)	SAM	12/09/24 11:00		Niha	OK
13	P5141-01	WATER TREATMENT	SAM	12/09/24 11:00		Niha	OK
14	P5142-01	TOWER-1	SAM	12/09/24 11:00		Niha	OK
15	P5142-03	TOWER-2	SAM	12/09/24 11:00		Niha	OK
16	P5143-01	DSN002	SAM	12/09/24 11:00		Niha	OK
17	P5143-03	DSN001	SAM	12/09/24 11:00		Niha	OK
18	P5143-05	DSN003	SAM	12/09/24 11:00		Niha	OK

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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB133838

Review By	Niha	Review On	12/9/2024 3:58:06 PM
Supervise By	Iwona	Supervise On	12/9/2024 4:07:11 PM
SubDirectory	LB133838	Test	TSS

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

19	P5145-01	286085	SAM	12/09/24 11:00		Niha	OK
20	P5146-01	EFFLUENT	SAM	12/09/24 11:00		Niha	OK
21	P5146-04	AERATION TK 1	SAM	12/09/24 11:00		Niha	OK
22	P5192-02	EFF-WASTE WATER	SAM	12/09/24 11:00		Niha	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB133842

Review By	rubina	Review On	12/10/2024 12:27:41 PM
Supervise By	Iwona	Supervise On	12/10/2024 12:31:39 PM
SubDirectory	LB133842	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP111021
ICV Standard	WP111023
CCV Standard	WP111022
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP110715
Chk Standard	WP110416,WP110019,WP108709,WP108840

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	12/09/24 13:33		rubina	OK
2	0.1PPM	0.1PPM	CAL2	12/09/24 13:33		rubina	OK
3	0.2PPM	0.2PPM	CAL3	12/09/24 13:33		rubina	OK
4	0.4PPM	0.4PPM	CAL4	12/09/24 13:34		rubina	OK
5	1.0PPM	1.0PPM	CAL5	12/09/24 13:34		rubina	OK
6	1.3PPM	1.3PPM	CAL6	12/09/24 13:34		rubina	OK
7	2.0PPM	2.0PPM	CAL7	12/09/24 13:34		rubina	OK
8	ICV1	ICV1	ICV	12/09/24 14:06		rubina	OK
9	ICB1	ICB1	ICB	12/09/24 14:06		rubina	OK
10	CCV1	CCV1	CCV	12/09/24 14:06		rubina	OK
11	CCB1	CCB1	CCB	12/09/24 14:06		rubina	OK
12	RL	RL	SAM	12/09/24 14:06		rubina	OK
13	PB165461BL	PB165461BL	MB	12/09/24 14:06		rubina	OK
14	PB165461BS	PB165461BS	LCS	12/09/24 14:17		rubina	OK
15	P5139-01	001-WILLETS-PT-BL\	SAM	12/09/24 14:17		rubina	OK
16	P5139-01DUP	001-WILLETS-PT-BL\	DUP	12/09/24 14:17		rubina	OK
17	P5139-01MS	001-WILLETS-PT-BL\	MS	12/09/24 14:17		rubina	OK
18	P5139-01MSD	001-WILLETS-PT-BL\	MSD	12/09/24 14:17		rubina	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB133842

Review By	rubina	Review On	12/10/2024 12:27:41 PM
Supervise By	Iwona	Supervise On	12/10/2024 12:31:39 PM
SubDirectory	LB133842	Test	Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP111021
ICV Standard	WP111023
CCV Standard	WP111022
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP110715
Chk Standard	WP110416,WP110019,WP108709,WP108840

19	P5139-02	002-35TH-AVE(DEC)	SAM	12/09/24 14:17		rubina	OK
20	P5141-01	WATER TREATMENT	SAM	12/09/24 14:17		rubina	OK
21	P5145-01	286085	SAM	12/09/24 14:27		rubina	OK
22	CCV2	CCV2	CCV	12/09/24 14:27		rubina	OK
23	CCB2	CCB2	CCB	12/09/24 14:27		rubina	OK
24	P5146-01	EFFLUENT	SAM	12/09/24 14:27		rubina	OK
25	P5146-05	INFLUENT	SAM	12/09/24 14:27		rubina	OK
26	CCV3	CCV3	CCV	12/09/24 14:27		rubina	OK
27	CCB3	CCB3	CCB	12/09/24 14:27		rubina	OK
28	P5146-01DL	EFFLUENTDL	SAM	12/09/24 14:54		rubina	OK
29	P5146-05DL	INFLUENTDL	SAM	12/09/24 14:54		rubina	OK
30	CCV4	CCV4	CCV	12/09/24 14:54		rubina	OK
31	CCB4	CCB4	CCB	12/09/24 14:54		rubina	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB133847

Review By	Niha	Review On	12/10/2024 11:11:44 AM
Supervise By	Iwona	Supervise On	12/10/2024 11:21:11 AM
SubDirectory	LB133847	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP111012,WP111013,WP111014,WP111015,WP111016,WP111017,WP111018
ICV Standard	W3011
CCV Standard	WP111013
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP109549
Chk Standard	WP111035,WP110103,WP111019

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/09/24 11:10		Niha	OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/09/24 11:10		Niha	OK
3	10PPBCN	10PPBCN	CAL3	12/09/24 11:10		Niha	OK
4	50PPBCN	50PPBCN	CAL4	12/09/24 11:10		Niha	OK
5	100PPBCN	100PPBCN	CAL5	12/09/24 11:10		Niha	OK
6	250PPBCN	250PPBCN	CAL6	12/09/24 11:11		Niha	OK
7	500PPBCN	500PPBCN	CAL7	12/09/24 11:11		Niha	OK
8	ICV1	ICV1	ICV	12/09/24 12:39		Niha	OK
9	ICB1	ICB1	ICB	12/09/24 12:39		Niha	OK
10	CCV1	CCV1	CCV	12/09/24 12:39		Niha	OK
11	CCB1	CCB1	CCB	12/09/24 12:39		Niha	OK
12	PB165498BL	PB165498BL	MB	12/09/24 12:39		Niha	OK
13	PB165498BS	PB165498BS	LCS	12/09/24 12:47		Niha	OK
14	LOWPB165498	LOWPB165498	SAM	12/09/24 12:47		Niha	OK
15	HIGHPB165498	HIGHPB165498	SAM	12/09/24 12:47		Niha	OK
16	P5093-01	LL-001	SAM	12/09/24 12:47		Niha	OK
17	P5093-02	LL-001-FB-12-4-24	SAM	12/09/24 12:47		Niha	OK
18	P5093-02DUP	LL-001-FB-12-4-24DU	DUP	12/09/24 12:47		Niha	OK

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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QCBatch ID # LB133847

Review By	Niha	Review On	12/10/2024 11:11:44 AM
Supervise By	Iwona	Supervise On	12/10/2024 11:21:11 AM
SubDirectory	LB133847	Test	Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP111012,WP111013,WP111014,WP111015,WP111016,WP111017,WP111018
ICV Standard	W3011
CCV Standard	WP111013
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP109549
Chk Standard	WP111035,WP110103,WP111019

19	P5093-02MS	LL-001-FB-12-4-24MS	MS	12/09/24 12:47		Niha	OK
20	P5093-02MSD	LL-001-FB-12-4-24MS	MSD	12/09/24 12:47		Niha	OK
21	P5141-02	WATER TREATMENT	SAM	12/09/24 12:54		Niha	OK
22	CCV2	CCV2	CCV	12/09/24 12:54		Niha	OK
23	CCB2	CCB2	CCB	12/09/24 12:54		Niha	OK
24	PB165499BL	PB165499BL	MB	12/09/24 12:54		Niha	OK
25	PB165499BS	PB165499BS	LCS	12/09/24 12:54		Niha	OK
26	P5117-02	TAPIAL2-IDW-SOIL-1	SAM	12/09/24 12:54		Niha	OK
27	P5117-02DUP	TAPIAL2-IDW-SOIL-1	DUP	12/09/24 12:55		Niha	OK
28	P5117-02MS	TAPIAL2-IDW-SOIL-1	MS	12/09/24 12:55		Niha	OK
29	P5117-02MSD	TAPIAL2-IDW-SOIL-1	MSD	12/09/24 12:55		Niha	OK
30	CCV3	CCV3	CCV	12/09/24 12:58		Niha	OK
31	CCB3	CCB3	CCB	12/09/24 12:58		Niha	OK

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

LAB CHRONICLE

OrderID:	P5141	**OrderDate:**	12/5/2024 12:27:00 PM
Client:	VERINA CONSULTING GROUP, LLC	**Project:**	Rotor Clip - PO# 5183.0001
Contact:	Michael Valenzi	**Location:**	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5141-01	**WATER TREATMENT DISCHARGE**	**WATER**			**12/05/24 10:40**			**12/05/24**
			Ammonia	SM4500-NH3		12/09/24	12/09/24 14:17	
			BOD5	SM5210 B			12/05/24 17:40	
			COD	SM5220 D			12/09/24 14:22	
			Residual Chlorine	SM4500 Cl G			12/05/24 16:21	
			TSS	SM2540 D			12/09/24 11:00	
P5141-02	**WATER TREATMENT DISCHARGE**	**WATER**			**12/05/24 10:43**			**12/05/24**
			Cyanide	9012B		12/07/24	12/09/24 12:54	
			Oil and Grease	1664A			12/06/24 10:30	

Alliance TECHNICAL GROUP

Water Ammonia Preparation Sheet

PB165461

SOP ID : MSM4500-NH3 B,G-Ammonia-17

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#2

Block ID : WC-DIST-BLOCK-1

Weigh By : N/A

Start Digest Date: 12/09/2024 **Time :** 08:50 **Temp :** 150 °C

End Digest Date: 12/09/2024 **Time :** 09:50 **Temp :** 160 °C

II batch 12/09/2024 10:10 150 C
12/09/2024 11:10 160 C RM

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: RM

Supervisor Signature: IR

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP110715
MS/MSD SPIKE SOL.	1.0ML	WP110714
PBW	50.0ML	W3112
RL CHECK	0.1ML	WP110714
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP108708
NAOH 6N	0.5-2.0ML	WP108660
H2SO4 0.04N	5.0ML	WP110335
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP108814,Due to bad matrix and client history 1ML was taken as an initial volume for P5146-01 and P5146-05.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/09/2024 11.30	RM CWC	RM CWC
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Ammonia Preparation Sheet

PB165461

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P5139-01	001-WILLETS-PT-BLVD(DEC)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5139-01DUP	001-WILLETS-PT-BLVD(DEC) DUP	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5139-01MS	001-WILLETS-PT-BLVD(DEC) MS	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5139-01MSD	001-WILLETS-PT-BLVD(DEC) MSD	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5139-02	002-35TH-AVE(DEC)	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5141-01	WATER TREATMENT DISCHARGE	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5145-01	286085	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5146-01	EFFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
P5146-05	INFLUENT	1	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB165461BL	PBW461	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB165461BS	LCS461	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB165498

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 12/07/2024 **Time :** 10:00 **Temp :** 124 °C

Matrix : WATER

End Digest Date: 12/07/2024 **Time :** 11:30 **Temp :** 126 °C

Pippete ID : WC

Balance ID : N/A

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : MC-1, MC-2

Filter paper ID : N/A

Prep Technician Signature: 18

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSW	1ML	WP109549
MS/MSD SPIKE SOL.	0.40ML	WP110899
PBW	50ML	W3112
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50ML	WP108640
50% v/v H2SO4	5ML	WP110391
51% w/v MgCL2	2ML	WP110390
pH Paper 0-14	N/A	W3121
Nitrate/Nitrite Strip	N/A	W3101
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
0.4N Sulfamic Acid	5ML	WP110388
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
S0	S0	N/A	N/A
S5.0	S5.0	N/A	N/A
S10.0	S10.0	N/A	N/A
S100.0	S100.0	N/A	N/A
S250.0	S250.0	N/A	N/A
S500.0	S500.0	N/A	N/A
ICV	ICV	0.5ML	W3011
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	N/A	N/A
HIGHSTD	HIGHSTD	5.0ML	WP110899
LOWSTD	LOWSTD	0.1ML	WP110899

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12·07·2024, 11:40	20 /WC	NF(WC)
	Preparation Group	**Analysis Group**

Alliance TECHNICAL GROUP

Water Cyanide Preparation Sheet

PB165498

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
P5093-01	LL-001	50	50	>12	Negative	Negative	Negative	N/A	N/A
P5093-02	LL-001-FB-12-4-24	50	50	>12	Negative	Negative	Negative	N/A	N/A
P5093-02DUP	LL-001-FB-12-4-24DUP	50	50	>12	Negative	Negative	Negative	N/A	N/A
P5093-02MS	LL-001-FB-12-4-24MS	50	50	>12	Negative	Negative	Negative	N/A	N/A
P5093-02MSD	LL-001-FB-12-4-24MSD	50	50	>12	Negative	Negative	Negative	N/A	N/A
P5141-02	WATER TREATMENT DISCHARGE	50	50	>12	Negative	Negative	Positive	N/A	N/A
PB165498BL	PBW498	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB165498BS	LCS498	50	50	>12	Negative	Negative	Negative	N/A	N/A

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. P5141
QUOTE NO.
COC Number 2041871

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Verina Consulting Group
ADDRESS: 1011 US-22, Suite 302
CITY Bridgewater STATE: NJ ZIP: 08807
ATTENTION: Michael Valenzi
PHONE: 908-864-4400 FAX: 908-864-4401

CLIENT PROJECT INFORMATION

PROJECT NAME: Rotax Clip
PROJECT NO.: 5183.0001 LOCATION: NJ
PROJECT MANAGER: Michael Valenzi
e-mail: mvalenzievcg-llc.com
PHONE: 908-864-4400 FAX: 908-864-4401

CLIENT BILLING INFORMATION

BILL TO: SEE LEFT PO#: 5183.0001
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☒ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced ☐ US EPA CLP
- ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1 Zn, Cu, Ni, Cr, Cd, Pb, Ag
2 TSS
3 BOD
4 COD
5 Chlorine Demand
6 Ammonia
7 SGT-HEM
8 Total Cyanide
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								B	E	E	C	E	C	C	D		← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	Water Treatment Discharge	WW	X		12/5/24	10:40	6	X	X	X	X	X	X				
2.	Water Treatment Discharge	WW		X	12/5/24	10:43	4							X	X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Emma Valin	12/5/24 11:28	1. 1215 12-5-24
2.		2.
3.	12-5-24 1525	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C
Comments: pH = 9.67
Flow Rate = 52
Temperature = 71.6
Semi annual metals = Zn, Cu, Ni, Cr, Cd, Pb, Ag (Group 5)

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH 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