

LAB CHRONICLE

OrderID:	Q1715	OrderDate:	4/3/2025 12:01:00 PM
Client:	VERINA CONSULTING GROUP, LLC	Project:	Rotor Clip NJ WTD - 2025
Contact:	Michael Valenzi	Location:	F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1715-01	WATER TREATMENT DISCHARGE	WATER			04/03/25 10:32			04/03/25
			Ammonia	SM4500-NH3		04/09/25	04/09/25 11:46	
			Residual Chlorine	SM4500 Cl G			04/04/25 09:36	



SAMPLE DATA

Report of Analysis

Client:	VERINA CONSULTING GROUP, LLC	Date Collected:	04/03/25 10:32
Project:	Rotor Clip NJ WTD - 2025	Date Received:	04/03/25
Client Sample ID:	WATER TREATMENT DISCHARGE	SDG No.:	Q1715
Lab Sample ID:	Q1715-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.040	J	1	0.030	0.10	mg/L	04/09/25 10:00	04/09/25 11:46	SM 4500-NH3 B plus G-11
Residual Chlorine	0.052	HJ	1	0.023	0.10	mg/L		04/04/25 09:36	SM 4500-Cl G-11

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.: Q1715

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB135301

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Residual Chlorine	mg/L	0.395	0.4	99	90-110	04/04/2025
Sample ID: CCV1 Residual Chlorine	mg/L	0.405	0.4	101	90-110	04/04/2025
Sample ID: CCV2 Residual Chlorine	mg/L	0.395	0.4	99	90-110	04/04/2025

Initial and Continuing Calibration Verification

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1715

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB135357

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.95	1	95	90-110	04/09/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.96	1	96	90-110	04/09/2025
Sample ID: CCV2 Ammonia as N	mg/L	1	1	100	90-110	04/09/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.99	1	99	90-110	04/09/2025



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Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1715

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB135301

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	04/04/2025
Sample ID: CCB1 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	04/04/2025
Sample ID: CCB2 Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	04/04/2025

Initial and Continuing Calibration Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1715

Project: Rotor Clip NJ WTD - 2025

RunNo.: LB135357

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/09/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/09/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/09/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	04/09/2025

Preparation Blank Summary

Client: VERINA CONSULTING GROUP, LLC

SDG No.: Q1715

Project: Rotor Clip NJ WTD - 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135301BL							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	04/04/2025
Sample ID: PB167481BL							
Ammonia as N	mg/L	< 0.0500	0.0500	U	0.03	0.1	04/09/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1715
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1715-01
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	0.41		0.052	J	0.4	1	88		04/04/2025
Ammonia as N	mg/L	75-125	0.96		0.040	J	1	1	92		04/09/2025

Matrix Spike Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1715
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1715-01
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	0.41		0.052	J	0.4	1	88		04/04/2025
Ammonia as N	mg/L	75-125	0.96		0.040	J	1	1	92		04/09/2025

Duplicate Sample Summary

Client: VERINA CONSULTING GROUP, LLC	SDG No.: Q1715
Project: Rotor Clip NJ WTD - 2025	Sample ID: Q1715-01
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	0.052	J	0.052	J	1	0		04/04/2025
Ammonia as N	mg/L	+/-20	0.040	J	0.038	J	1	5		04/09/2025

Duplicate Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1715
Project:	Rotor Clip NJ WTD - 2025	Sample ID:	Q1715-01
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	0.41		0.41		1	0		04/04/2025
Ammonia as N	mg/L	+/-20	0.96		0.96		1	0		04/09/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1715
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB135301

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135301BS							
Residual Chlorine	mg/L	0.4	0.40		99	1	90-110	04/04/2025

Laboratory Control Sample Summary

Client:	VERINA CONSULTING GROUP, LLC	SDG No.:	Q1715
Project:	Rotor Clip NJ WTD - 2025	Run No.:	LB135357

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB167481BS							
Ammonia as N	mg/L	1	0.96		96	1	90-110	04/09/2025