



SAMPLE DATA

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

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

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

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

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



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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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Matrix Spike Summary

Client:

VERINA CONSULTING GROUP, LLC

Project:

Rotor Clip - PO# 5183.0001

Client ID:

EFFLUENTMS

SDG No.:

P5141

Sample ID:

P5146-01

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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,WP1110103,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-12-4-24DUP	DUP	12/09/24 12:47		Niha	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch 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,WP1110103,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

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	12/09/24		12/05/24
			Ammonia	SM4500-NH3			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	12/07/24		12/05/24
			Cyanide	9012B			12/09/24 12:54	
			Oil and Grease	1664A			12/06/24 10:30	

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

SDG No : N/A

Matrix : WATER

Pipette 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

11:10 12/09/2024 10:10 150 °C } R
12/09/2024 11:10 160 °C }

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Filter paper ID : N/A

Prep Technician Signature: RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard 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

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

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

Pipette 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

Standard 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 LWC	NF(WC)
	Preparation Group	Analysis Group

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