

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

LAB CHRONICLE

OrderID:	Q2585	OrderDate:	7/11/2025 12:48:00 PM
Client:	Ardmore Chemical	Project:	PVSC Monthly 2025
Contact:	Michael Sharphouse	Location:	D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2585-01	EFF-WW	WATER			07/11/25 10:35	07/15/25	07/16/25 09:33	07/11/25
			Cyanide	SM4500-CN C,E				
Q2585-04	EFF-WW	WATER			07/11/25 10:35		07/11/25 14:40	07/11/25
			BOD5	SM5210 B				
			TSS	SM2540 D			07/15/25 10:00	



SAMPLE DATA

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	07/11/25 10:35
Project:	PVSC Monthly 2025	Date Received:	07/11/25
Client Sample ID:	EFF-WW	SDG No.:	Q2585
Lab Sample ID:	Q2585-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0012	U	1	0.0012	0.0050	mg/L	07/15/25 12:00	07/16/25 09:33	SM 4500-CN C-21 plus E-21

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:	Ardmore Chemical	Date Collected:	07/11/25 10:35
Project:	PVSC Monthly 2025	Date Received:	07/11/25
Client Sample ID:	EFF-WW	SDG No.:	Q2585
Lab Sample ID:	Q2585-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	422		1	0.20	2.00	mg/L		07/11/25 14:40	SM 5210 B-16
TSS	13.0		1	1.00	4.00	mg/L		07/15/25 10:00	SM 2540 D-20

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

Initial and Continuing Calibration Verification

Client: Ardmore Chemical

SDG No.: Q2585

Project: PVSC Monthly 2025

RunNo.: LB136494

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Cyanide	ICV1	mg/L	0.094	0.099	95	85-115	07/16/2025
Sample ID: Cyanide	CCV1	mg/L	0.24	0.25	96	90-110	07/16/2025
Sample ID: Cyanide	CCV2	mg/L	0.25	0.25	100	90-110	07/16/2025

Initial and Continuing Calibration Blank Summary

Client: Ardmore Chemical

SDG No.: Q2585

Project: PVSC Monthly 2025

RunNo.: LB136494

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	07/16/2025
Sample ID: CCB1 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	07/16/2025
Sample ID: CCB2 Cyanide	mg/L	< 0.0025	0.0025	U	0.0012	0.005	07/16/2025

Preparation Blank Summary

Client: Ardmore Chemical

SDG No.: Q2585

Project: PVSC Monthly 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: BOD5	LB136441BL mg/L	< 0.2000	0.2000	U	0.20	2.0	07/11/2025
Sample ID: TSS	LB136471BL mg/L	1	2.0000	J	1	4	07/15/2025
Sample ID: Cyanide	PB168861BL mg/L	< 0.0025	0.0025	U	0.0012	0.005	07/16/2025

Matrix Spike Summary

Client:	Ardmore Chemical	SDG No.:	Q2585
Project:	PVSC Monthly 2025	Sample ID:	Q2585-01
Client ID:	EFF-WWMS	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	0.039		0.0012	U	0.04	1	98		07/16/2025

Matrix Spike Summary

Client:	Ardmore Chemical	SDG No.:	Q2585
Project:	PVSC Monthly 2025	Sample ID:	Q2585-01
Client ID:	EFF-WWMSD	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	0.039		0.0012	U	0.04	1	98		07/16/2025

Duplicate Sample Summary

Client:	Ardmore Chemical	SDG No.:	Q2585
Project:	PVSC Monthly 2025	Sample ID:	Q2565-01
Client ID:	MOO-25-0192-0193DUP	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	6620		6630		1	0.09		07/15/2025

Duplicate Sample Summary

Client: Ardmore Chemical	SDG No.: Q2585
Project: PVSC Monthly 2025	Sample ID: Q2585-01
Client ID: EFF-WWDUP	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	0.0012	U	0.0012	U	1	0		07/16/2025

Duplicate Sample Summary

Client: Ardmore Chemical	SDG No.: Q2585
Project: PVSC Monthly 2025	Sample ID: Q2585-01
Client ID: EFF-WWMSD	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	0.039		0.039		1	0		07/16/2025

Duplicate Sample Summary

Client: Ardmore Chemical Project: PVSC Monthly 2025 Client ID: EFF-WWDUP	SDG No.: Q2585 Sample ID: Q2585-04 Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	422		443		1	4.86		07/11/2025

Laboratory Control Sample Summary

Client: Ardmore Chemical

SDG No.: Q2585

Project: PVSC Monthly 2025

Run No.: LB136441

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136441BS							
BOD5	mg/L	198	181		91	1	84.6-115.4	07/11/2025

Laboratory Control Sample Summary

Client: Ardmore Chemical

SDG No.: Q2585

Project: PVSC Monthly 2025

Run No.: LB136471

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136471BS							
TSS	mg/L	550	533		97	1	90-110	07/15/2025

Laboratory Control Sample Summary

Client: Ardmore Chemical

SDG No.: Q2585

Project: PVSC Monthly 2025

Run No.: LB136494

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB168861BS							
Cyanide	mg/L	0.1	0.096		96	1	85-115	07/16/2025



RAW DATA

BOD5 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB136441

Reviewed By:Iwona
On:7/16/2025 4:30:40
PM

SUPERVISOR: Iwona

QC BATCH ID: LB136441

Analysis Date: 07/11/2025

BOD Water: WP113918

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP113920

NaOH, 1N: WP113878

GGA: WP113919

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3215

Zero DO: WP113605

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.6
WINKLER 2	WINKLER 2	2	300	9.8	19.4	9.6	9.6

Meter Calibration1: 9.14

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 760 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.64

After Incubation

Meter Calibration2: 8.74

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 760 mmHg

QC BATCH ID: LB136441

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 20.5

TIME IN: 14:40

TIME OUT: 13:10

DATE IN: 07/11/2025

DATE OUT: 07/16/2025

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB136441BL	1	No	6.64	N/A	20.90	300	9.64	9.62	0.02	0.02	0.02	
POLYSEED	1					10	9.56	6.79	2.77	0.55	0.61	
POLYSEED	2					15	9.54	4.65	4.89	0.65		
POLYSEED	3					20	9.50	3.19	6.31	0.63		
GGA	1					6	9.55	5.39	4.16	177.5	181	
GGA	2					6	9.52	5.30	4.22	180.5		
GGA	3					6	9.52	5.21	4.31	185		
Q2565-01	1	No	6.86	N/A	20.70	5	9.45	1.00	8.45	470.4	470.4	
Q2565-01	2					20	8.78	0.15	-	0		
Q2565-01	3					50	7.28	0.12	-	0		
Q2565-01	4					150	2.50	0.07	-	0		
Q2570-03	1	No	4.79	7.01	20.80	1	9.55	7.99	-	0	17820	pH Adjusted
Q2570-03	2					5	9.52	6.15	3.37	16560		
Q2570-03	3					10	9.40	2.43	6.97	19080		
Q2570-03	4					50	9.38	0.23	-	0		
Q2570-03	5					100	9.21	0.17	-	0		
Q2570-07	1	No	8.25	7.24	20.80	1	9.60	8.80	-	0	2092.5	pH Adjusted
Q2570-07	2					5	9.55	8.47	-	0		
Q2570-07	3					10	9.52	8.07	-	0		
Q2570-07	4					50	9.43	4.93	4.5	2334		
Q2570-07	5					100	9.23	2.45	6.78	1851		
Q2585-04	1	No	7.10	N/A	20.80	5	9.47	8.83	-	0	422	
Q2585-04	2					10	9.43	8.02	-	0		
Q2585-04	3					20	9.40	7.79	-	0		
Q2585-04	4					30	9.36	4.53	4.83	422		
Q2585-04DUP	1	No	7.10	N/A	20.80	5	9.48	8.70	-	0	443	
Q2585-04DUP	2					10	9.42	8.18	-	0		
Q2585-04DUP	3					20	9.40	7.60	-	0		
Q2585-04DUP	4					30	9.34	4.30	5.04	443		
Q2588-01	1	No	4.73	6.89	20.80	5	9.54	1.00	8.54	475.8	475.8	pH Adjusted
Q2588-01	2					20	8.98	0.18	-	0		
Q2588-01	3					50	8.30	0.16	-	0		
Q2588-01	4					150	5.70	0.11	-	0		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

TOTAL SUSPENDED SOLIDS - SM2540D

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 07/14/2025

Run Number: LB136471

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

TEMP1 IN: 104 °C 07/14/2025 14:00 TEMP1 OUT: 104 °C 07/14/2025 15:00
 TEMP2 IN: 104 °C 07/14/2025 15:30 TEMP2 OUT: 104 °C 07/14/2025 16:30
 TEMP3 IN: 103 °C 07/15/2025 10:00 TEMP3 OUT: 103 °C 07/15/2025 11:35
 TEMP4 IN: 104 °C 07/15/2025 12:10 TEMP4 OUT: 103 °C 07/15/2025 13:40

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB136471BL	LB136471BL	1.3562	1.3562	100	1.3563	1.3563	1.3563	0.0001	1
2	LB136471BS	LB136471BS	1.5896	1.5896	100	1.6429	1.6429	1.6429	0.0533	533
3	Q2565-01	MOO-25-0192-0193	1.4965	1.4965	50	1.8276	1.8276	1.8276	0.3311	6622
4	Q2565-01DUP	MOO-25-0192-0193DUP	1.5000	1.5000	50	1.8314	1.8314	1.8314	0.3314	6628
5	Q2570-02	AERATION	1.4951	1.4951	100	1.5250	1.5250	1.5250	0.0299	299
6	Q2570-07	EFFLUENT	1.4801	1.4801	100	1.5350	1.5350	1.5350	0.0549	549
7	Q2585-04	EFF-WW	1.4810	1.4810	800	1.4914	1.4914	1.4914	0.0104	13
8	Q2588-01	MH-7112025	1.4912	1.4912	600	1.5637	1.5637	1.5637	0.0725	120.8
9	Q2593-01	001 WILLETS PT BLVD (MAY)	1.4944	1.4944	200	1.5076	1.5076	1.5076	0.0132	66
10	Q2593-02	002 35th AVE (MAY)	1.4747	1.4747	500	1.5030	1.5030	1.5030	0.0283	56.6
11	Q2602-01	FRAC-TANK-266380	1.4765	1.4765	2000	1.4822	1.4822	1.4822	0.0057	2.9

A = Sample Volume (ml)
 B = Final Empty Dish Weight (g)
 C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)
 D = Weight (g)

Weight (g) = C - B

Result mg/L = $\frac{D}{A} \times 1000 \times 1000$

WORKLIST(Hardcopy Internal Chain)

136471

WorkList Name : tss q2602

WorkList ID : 190718

Department : Wet-Chemistry

Date : 07-15-2025 08:21:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2565-01	MOO-25-0192-0193	Water	TSS	Cool 4 deg C	PSEG03		07/10/2025	SM2540 D
Q2570-02	AERATION	Water	TSS	Cool 4 deg C	HOLL01	O31	07/10/2025	SM2540 D
Q2570-07	EFFLUENT	Water	TSS	Cool 4 deg C	HOLL01	O31	07/10/2025	SM2540 D
Q2585-04	EFF-WW	Water	TSS	Cool 4 deg C	ARDM01	D41	07/11/2025	SM2540 D
Q2588-01	MH-7112025	Water	TSS	Cool 4 deg C	EURO03	D41	07/11/2025	SM2540 D
Q2593-01	001 WILLETS PT BLVD ()	Water	TSS	Cool 4 deg C	TULL01	O11	07/11/2025	SM2540 D
Q2593-02	002 35th Ave (May	Water	TSS	Cool 4 deg C	TULL01	O11	07/11/2025	SM2540 D
Q2602-01	FRAC-TANK-266380	Water	TSS	Cool 4 deg C	PSEG03	D31	07/14/2025	SM2540 D

Date/Time 07/15/25 08:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 07/15/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

15.00

6613

Test results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

7/16/2025 9:42

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	93.663	0.0	0.076	
ICB1	-0.104	0.0	0.001	
CCV1	243.472	0.0	0.195	
CCB1	-0.128	0.0	0.001	
RL CHECK	4.255	0.0	0.004	
PB168861BL	-0.161	0.0	0.001	
PB168861BS	96.014	0.0	0.078	
MIDPB168861	243.361	0.0	0.195	
Q2585-01	0.241	0.0	0.001	
Q2585-01DUP	0.227	0.0	0.001	
Q2585-01MS	38.560	0.0	0.032	
Q2585-01MSD	38.878	0.0	0.032	
CCV2	246.305	0.0	0.197	
CCB2	-0.001	0.0	0.001	

85% (50-150)

97% (90-110)

07/16/2025
RM

N 14
Mean 71.756
SD 99.2639
CV% 138.34

Aquakem v. 7.2AQ1

Results from time period:

Wed Jul 16 08:35:15 2025

Wed Jul 16 09:40:23 2025

Sample Id	Sam/Ctr/c#	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.1261	µg/l	7/16/2025 8:53:48	
5.0PPBCN	A	Total CN	P	4.7043	µg/l	7/16/2025 8:53:49	
10PPBCN	A	Total CN	P	9.9066	µg/l	7/16/2025 8:53:50	
50PPBCN	A	Total CN	P	50.521	µg/l	7/16/2025 8:53:51	
100PPBCN	A	Total CN	P	100.0666	µg/l	7/16/2025 8:53:52	
250PPBCN	A	Total CN	P	249.9766	µg/l	7/16/2025 8:53:53	
500PPBCN	A	Total CN	P	499.9511	µg/l	7/16/2025 8:53:54	
ICV1	S	Total CN	P	93.6626	µg/l	7/16/2025 9:26:05	
ICB1	S	Total CN	P	-0.1043	µg/l	7/16/2025 9:26:06	
CCV1	S	Total CN	P	243.4723	µg/l	7/16/2025 9:26:09	
CCB1	S	Total CN	P	-0.1284	µg/l	7/16/2025 9:26:11	
RL CHECK	S	Total CN	P	4.2547	µg/l	7/16/2025 9:26:13	
PB168861BL	S	Total CN	P	-0.161	µg/l	7/16/2025 9:33:37	
PB168861BS	S	Total CN	P	96.0143	µg/l	7/16/2025 9:33:40	
MIDPB168861	S	Total CN	P	243.3614	µg/l	7/16/2025 9:33:42	
Q2585-01	S	Total CN	P	0.2407	µg/l	7/16/2025 9:33:43	
Q2585-01DUP	S	Total CN	P	0.2271	µg/l	7/16/2025 9:33:45	
Q2585-01MS	S	Total CN	P	38.5601	µg/l	7/16/2025 9:40:17	
Q2585-01MSD	S	Total CN	P	38.878	µg/l	7/16/2025 9:40:18	
CCV2	S	Total CN	P	246.3053	µg/l	7/16/2025 9:40:21	
CCB2	S	Total CN	P	-0.0005	µg/l	7/16/2025 9:40:23	

Calibration results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by: RM Instrument ID: Konelab

7/16/2025 8:58

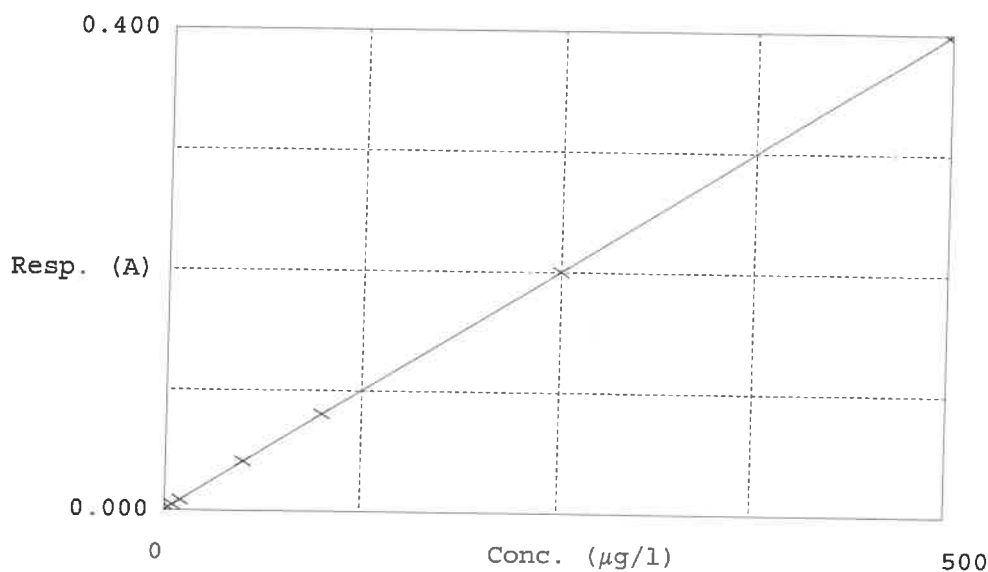
Test Total CN

Accepted 7/16/2025 8:58

Factor 1253
Bias 0.001

Coeff. of det. 0.999998

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.1261	0.0000	-
2	5.0PPBCN	0.005	4.7043	5.0000	-5.9
3	10PPBCN	0.009	9.9066	10.0000	-0.9
4	50PPBCN	0.041	50.5210	50.0000	1.0
5	100PPBCN	0.081	100.0666	100.0000	0.1
6	250PPBCN	0.200	249.9766	250.0000	0.0
7	500PPBCN	0.400	499.9511	500.0000	0.0

07/16/2025
RM

SOP ID : MSM4500-CN C,E-Cyanide-13

SDG No : N/A

Start Digest Date: 07/15/2025 Time : 12:00 Temp : 123 °C

Matrix : WATER

End Digest Date: 07/15/2025 Time : 13:30 Temp : 127 °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: 

Weigh By : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP113838
MS/MSD SPIKE SOL.	0.40ML	WP113837
PBW	50.ML	W3112
RL CHECK	50.ML	WP113954
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
0.25N NaOH	50.ML	WP113836
50% v/v H2SO4	5.ML	WP112826
51% w/v MgCL2	2.ML	WP112827
pH Paper 0-14	N/A	W3215
Nitrate/Nitrite Strip	N/A	W3101
Lead Acetate strip	N/A	W3134
KI-starch paper	N/A	W3155
N/A	N/A	N/A
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	W3012
ICB	ICB	N/A	N/A
CCV	CCV	N/A	N/A
CCB	CCB	N/A	N/A
Midrange	Midrange	2.5ML	WP113837
HIGHSTD	HIGHSTD	N/A	N/A
LOWSTD	LOWSTD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/15/2025 13:40	 / COC	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
PB168861BL	PBW861	50	50	>12	Negative	Negative	Negative	N/A	N/A
PB168861BS	LCS861	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q2585-01DUP	EFF-WWDUP	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q2585-01MS	EFF-WWMS	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q2585-01MSD	EFF-WWMSD	50	50	>12	Negative	Negative	Negative	N/A	N/A
Q2585-01	EFF-WW	50	50	>12	Negative	Negative	Negative	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : cn w q2585

WorkList ID : 190713

Department : Distillation

Date : 07-15-2025 08:16:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2585-01	EFF-WW	Water	Cyanide	1:1 NaOH to pH >12	ARDM01	D41	07/11/2025	SM4500-CN C

Date/Time 07/15/2025 11:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 07/15/2025 12:25
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB136441

Review By	rubina	Review On	7/16/2025 4:18:43 PM
Supervise By	Iwona	Supervise On	7/16/2025 4:30:40 PM
SubDirectory	LB136441	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	WP113918,W3149,W312832,W3103,W3109,W3105,WP113920,WP113919,WP113878		

Sr#	SampleID	ClientID	QcType	Date	Comment	Operator	Status
1	LB136441BL	LB136441BL	MB	07/11/25 14:40		rubina	OK
2	LB136441BS	LB136441BS	LCS	07/11/25 14:40		rubina	OK
3	Q2565-01	MOO-25-0192-0193	SAM	07/11/25 14:40		rubina	OK
4	Q2570-03	INFLUENT	SAM	07/11/25 14:40		rubina	OK
5	Q2570-07	EFFLUENT	SAM	07/11/25 14:40		rubina	OK
6	Q2585-04	EFF-WW	SAM	07/11/25 14:40		rubina	OK
7	Q2585-04DUP	EFF-WWDUP	DUP	07/11/25 14:40		rubina	OK
8	Q2588-01	MH-7112025	SAM	07/11/25 14:40		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136471

Review By	jignesh	Review On	7/15/2025 11:55:23 AM
Supervise By	Iwona	Supervise On	7/15/2025 1:21:25 PM
SubDirectory	LB136471	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	LB136471BL	LB136471BL	MB	07/15/25 10:00		jignesh	OK
2	LB136471BS	LB136471BS	LCS	07/15/25 10:00	55 mg w3186+ 100ml w3112	jignesh	OK
3	Q2565-01	MOO-25-0192-0193	SAM	07/15/25 10:00		jignesh	OK
4	Q2565-01DUP	MOO-25-0192-0193D	DUP	07/15/25 10:00		jignesh	OK
5	Q2570-02	AERATION	SAM	07/15/25 10:00		jignesh	OK
6	Q2570-07	EFFLUENT	SAM	07/15/25 10:00		jignesh	OK
7	Q2585-04	EFF-WW	SAM	07/15/25 10:00		jignesh	OK
8	Q2588-01	MH-7112025	SAM	07/15/25 10:00		jignesh	OK
9	Q2593-01	001 WILLETS PT BLV	SAM	07/15/25 10:00		jignesh	OK
10	Q2593-02	002 35th AVE (MAY)	SAM	07/15/25 10:00		jignesh	OK
11	Q2602-01	FRAC-TANK-266380	SAM	07/15/25 10:00		jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136494

Review By	rubina	Review On	7/16/2025 2:32:20 PM
Supervise By	Iwona	Supervise On	7/16/2025 3:08:51 PM
SubDirectory	LB136494	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113957,WP113958,WP113959,WP113960,WP113961,WP113962,WP113963		
ICV Standard	W3012		
CCV Standard	WP113958		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP112643,WP112900,WP113965		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	07/16/25 08:53		rubina	OK
2	5.0PPBCN	5.0PPBCN	CAL2	07/16/25 08:53		rubina	OK
3	10PPBCN	10PPBCN	CAL3	07/16/25 08:53		rubina	OK
4	50PPBCN	50PPBCN	CAL4	07/16/25 08:53		rubina	OK
5	100PPBCN	100PPBCN	CAL5	07/16/25 08:53		rubina	OK
6	250PPBCN	250PPBCN	CAL6	07/16/25 08:53		rubina	OK
7	500PPBCN	500PPBCN	CAL7	07/16/25 08:53		rubina	OK
8	ICV1	ICV1	ICV	07/16/25 09:26		rubina	OK
9	ICB1	ICB1	ICB	07/16/25 09:26		rubina	OK
10	CCV1	CCV1	CCV	07/16/25 09:26		rubina	OK
11	CCB1	CCB1	CCB	07/16/25 09:26		rubina	OK
12	RL	RL	LOQ	07/16/25 09:26		rubina	OK
13	PB168861BL	PB168861BL	MB	07/16/25 09:33		rubina	OK
14	PB168861BS	PB168861BS	LCS	07/16/25 09:33		rubina	OK
15	MIDPB168861	MIDPB168861	SAM	07/16/25 09:33		rubina	OK
16	Q2585-01	EFF-WW	SAM	07/16/25 09:33		rubina	OK
17	Q2585-01DUP	EFF-WWDUP	DUP	07/16/25 09:33		rubina	OK
18	Q2585-01MS	EFF-WWMS	MS	07/16/25 09:40		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB136494

Review By	rubina	Review On	7/16/2025 2:32:20 PM
Supervise By	Iwona	Supervise On	7/16/2025 3:08:51 PM
SubDirectory	LB136494	Test	Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP113957,WP113958,WP113959,WP113960,WP113961,WP113962,WP113963		
ICV Standard	W3012		
CCV Standard	WP113958		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP113838		
Chk Standard	WP112643,WP112900,WP113965		

19	Q2585-01MSD	EFF-WWMSD	MSD	07/16/25 09:40		rubina	OK
20	CCV2	CCV2	CCV	07/16/25 09:40		rubina	OK
21	CCB2	CCB2	CCB	07/16/25 09:40		rubina	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Ardmore Inc
ADDRESS: 29 Riverside Ave Bldg #14
CITY: Newark NJ STATE: ZIP:
ATTENTION: Michael Sharphouse
PHONE: 973 481 2406 FAX:

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

1. VOA 2. CN 3. SUOA 4. BOD/ISS 5. METALS 6. 7. 8. 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	A-HCl B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER
1.	EFF WW	WW		X	7/11/25	10:35		X	X									
2.	EFF WW	WW	X		7/11/25	10:35				X	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: 1. <u>Michael Sharphouse</u>	DATE/TIME: <u>7-11-2025 11:38</u>	RECEIVED BY: <u>R. G.</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP <u>1.8</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	Comments: <u>Metals Lead-Zinc</u>
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	Page <u>1</u> of <u>1</u> CLIENT: ☐ Hand Delivered ☐ Other <u></u> Shipment Complete ☐ YES ☐ NO

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2585 ARDM01

Order Date : 7/11/2025 12:48:00 PM

Project Mgr : Yazmeen

Client Name : Ardmore Chemical

Project Name : PVSC Monthly 2025

Report Type : Level 1

Client Contact : Michael Sharphouse

Receive DateTime : 7/11/2025 11:38:00 AM

EDD Type : NONE

Invoice Name : Ardmore Chemical

Purchase Order :

Hard Copy Date :

Invoice Contact : Michael Sharphouse

Date Signoff : 7/11/2025 1:54:05 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2585-01	EFF-WW	Water	07/11/2025	10:35	VOC-PP		624.1		10 Bus. Days

Relinquished By : el

Date / Time : 7-11-25

12:15

Received By : Sam

Date / Time : 7-11-25

Storage Area : VOA Refridgerator Room

12:15