

DATA PACKAGE

GENERAL CHEMISTRY
METALS
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : PVSC MONTHLY 2025

ARDMORE CHEMICAL

29 Riverside Avenue

Newark, NJ - 07104-

Phone No: 973-481-2406

ORDER ID : Q3385

ATTENTION : Michael Sharphouse



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3385

Project ID : PVSC Monthly 2025

Client : Ardmore Chemical

Lab Sample Number

Q3385-01
Q3385-02
Q3385-03
Q3385-04
Q3385-05
Q3385-06

Client Sample Number

EFF-WW
Q3385-01MS
Q3385-01MSD
EFF-WW
Q3385-04MS
Q3385-04MSD

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 : _____

Date: 11/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Ardmore Chemical

Project Name: PVSC Monthly 2025

Project # N/A

Order ID # Q3385

**Test Name: VOC-PP,SVOCMS Group1,Mercury,Metals
Group3,BOD5,Cyanide,TSS**

A. Number of Samples and Date of Receipt:

6 Water samples were received on 10/17/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-PP,SVOCMS Group1,Mercury,Metals Group3,BOD5,Cyanide,TSS. This data package contains results for VOC-PP(624.1),SVOCMS Group1(625.1),Mercury(245.1),Metals Group3(200.7),BOD5(SM5210 B),Cyanide(SM4500-CN C,E),TSS(SM2540 D).

C. Analytical Techniques:

VOC-PP : The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-PP was based on method 624.1.

SVOCMS Group1 : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOCMS Group1 was based on method 625.1 and extraction was done based on method 3510.

Mercury,Metals Group3 : The analysis and digestion of Metals Group3 was based on 200.7 and The analysis and digestion of Mercury was based on 245.1.

Wetchem : The analysis of BOD5,Cyanide,TSS was based on method SM2540 D,SM4500-CN C,E,SM5210 B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except following
SVOCMS Group1 : EFF-WW [2-Fluorophenol - 59%, Phenol-d6 - 43%], EFF-WWMS [2-Fluorophenol - 59%, Phenol-d6 - 42%], EFF-WWMSD [2-Fluorophenol - 59% and Phenol-d6 - 43%], due to matrix interference therefore no corrective action was taken.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD were met for all analysis except following

VOC-PP : The RPD for {Q3385-03MSD} with File ID: VN088069.D met criteria except for Bromomethane[21%], Chloroethane[22%], due to difference in results of MS and MSD.

SVOCMS Group1 : The RPD for {Q3385-06MSD} with File ID: BF144081.D met criteria except for bis(2-Ethylhexyl)phthalate[24%], due to difference in results of MS and MSD.

The Blank Spike met requirements for all compounds except following

SVOCMS Group1 : The Blank Spike for {PB170210BS} with File ID: BF144077.D met requirements for all compounds except for Benzidine[8%], marginally low, Hexachlorocyclopentadiene[140%], marginally high therefore no corrective action was taken.

The Blank Spike Duplicate met requirements for all compounds

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

The Duplicate analysis met criteria for all samples.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

Mercury, Metals Group3 : LLCCV & LLICV are not required for 200.7 method.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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_____

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

DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: <ul style="list-style-type: none"> (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3385

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 Custody

✓

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: 11/03/2025

Hit Summary Sheet
SW-846

SDG No.: Q3385
Client: Ardmore Chemical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	EFF-WW							
Q3385-01	EFF-WW	Water	Chloroform	80.3		2.80	25.0	ug/L
Q3385-01	EFF-WW	Water	Bromodichloromethane	6.70	J	3.20	25.0	ug/L
			Total Voc :	87.0				
			Total Concentration:	87.0				

A

B

C

D



SAMPLE DATA

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3385-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3385
Matrix: Water
% Solid: 0
Test: VOC-PP

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
74-87-3	Chloromethane	3.20	U	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
75-01-4	Vinyl Chloride	4.20	U	5	4.20	25.0	ug/L	10/20/25 11:31	VN102025
74-83-9	Bromomethane	4.00	U	5	4.00	25.0	ug/L	10/20/25 11:31	VN102025
75-00-3	Chloroethane	11.6	U	5	11.6	25.0	ug/L	10/20/25 11:31	VN102025
75-69-4	Trichlorofluoromethane	4.00	U	5	4.00	25.0	ug/L	10/20/25 11:31	VN102025
75-35-4	1,1-Dichloroethene	3.80	U	5	3.80	25.0	ug/L	10/20/25 11:31	VN102025
107-02-8	Acrolein	33.1	U	5	33.1	130	ug/L	10/20/25 11:31	VN102025
107-13-1	Acrylonitrile	14.0	U	5	14.0	130	ug/L	10/20/25 11:31	VN102025
75-09-2	Methylene Chloride	4.30	U	5	4.30	25.0	ug/L	10/20/25 11:31	VN102025
156-60-5	trans-1,2-Dichloroethene	4.10	U	5	4.10	25.0	ug/L	10/20/25 11:31	VN102025
75-34-3	1,1-Dichloroethane	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
56-23-5	Carbon Tetrachloride	3.70	U	5	3.70	25.0	ug/L	10/20/25 11:31	VN102025
67-66-3	Chloroform	80.3		5	2.80	25.0	ug/L	10/20/25 11:31	VN102025
71-55-6	1,1,1-Trichloroethane	3.20	U	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
71-43-2	Benzene	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
107-06-2	1,2-Dichloroethane	2.50	U	5	2.50	25.0	ug/L	10/20/25 11:31	VN102025
79-01-6	Trichloroethene	2.50	U	5	2.50	25.0	ug/L	10/20/25 11:31	VN102025
78-87-5	1,2-Dichloropropane	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
75-27-4	Bromodichloromethane	6.70	J	5	3.20	25.0	ug/L	10/20/25 11:31	VN102025
108-88-3	Toluene	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
10061-02-6	t-1,3-Dichloropropene	3.60	U	5	3.60	25.0	ug/L	10/20/25 11:31	VN102025
10061-01-5	cis-1,3-Dichloropropene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
79-00-5	1,1,2-Trichloroethane	2.30	U	5	2.30	25.0	ug/L	10/20/25 11:31	VN102025
110-75-8	2-Chloroethyl vinyl ether	23.2	U	5	23.2	130	ug/L	10/20/25 11:31	VN102025
124-48-1	Dibromochloromethane	3.30	U	5	3.30	25.0	ug/L	10/20/25 11:31	VN102025
127-18-4	Tetrachloroethene	4.20	U	5	4.20	25.0	ug/L	10/20/25 11:31	VN102025
108-90-7	Chlorobenzene	2.40	U	5	2.40	25.0	ug/L	10/20/25 11:31	VN102025
100-41-4	Ethyl Benzene	2.80	U	5	2.80	25.0	ug/L	10/20/25 11:31	VN102025
179601-23-1	m/p-Xylenes	6.50	U	5	6.50	50.0	ug/L	10/20/25 11:31	VN102025
95-47-6	o-Xylene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
75-25-2	Bromoform	4.70	U	5	4.70	25.0	ug/L	10/20/25 11:31	VN102025
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	5	2.20	25.0	ug/L	10/20/25 11:31	VN102025
541-73-1	1,3-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
106-46-7	1,4-Dichlorobenzene	4.10	U	5	4.10	25.0	ug/L	10/20/25 11:31	VN102025
95-50-1	1,2-Dichlorobenzene	3.40	U	5	3.40	25.0	ug/L	10/20/25 11:31	VN102025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	32.3			91 - 110	108%	SPK: 30		
2037-26-5	Toluene-d8	31.1			91 - 112	104%	SPK: 30		
460-00-4	4-Bromofluorobenzene	28.8			63 - 112	96%	SPK: 30		
INTERNAL STANDARDS									
		Area Count							
74-97-5	Bromochloromethane	63500							
540-36-3	1,4-Difluorobenzene	357000							
3114-55-4	Chlorobenzene-d5	313000							

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3385-01
Analytical Method: E624.1
Sample Wt/Vol: 5 mL

Level : LOW
Final Vol: 5000 uL

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3385
Matrix: Water
% Solid: 0
Test: VOC-PP

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3385	OrderDate:	10/17/2025 2:02:00 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
Q3385-01	EFF-WW	Water	VOC-PP	624.1	10/17/25		10/20/25	10/17/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3385
Client: Ardmore Chemical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			0.00		
			Total Concentration:			0.00		



SAMPLE DATA

Report of Analysis

Client: Ardmore Chemical
Project: PVSC Monthly 2025
Client Sample ID: EFF-WW
Lab Sample ID: Q3385-04
Analytical Method: 625.1 Level : LOW
Sample Wt/Vol: 1000 mL Final Vol: 1000 uL
Prep Method : 3510C Prep Date: 10/22/25

Date Collected: 10/17/25
Date Received: 10/17/25
SDG No.: Q3385
Matrix: Water
% Solid: 0
Test: SVOCMS Group1

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	0.86	U	1	0.86	10.0	ug/L	10/27/25 13:04	PB170210
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	10/27/25 13:04	PB170210
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	10/27/25 13:04	PB170210
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	10/27/25 13:04	PB170210
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	10/27/25 13:04	PB170210
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	5.00	ug/L	10/27/25 13:04	PB170210
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/27/25 13:04	PB170210
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/27/25 13:04	PB170210
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	10/27/25 13:04	PB170210
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	10/27/25 13:04	PB170210
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	10/27/25 13:04	PB170210
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	10/27/25 13:04	PB170210
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	10/27/25 13:04	PB170210
120-82-1	1,2,4-Trichlorobenzene	0.54	U	1	0.54	5.00	ug/L	10/27/25 13:04	PB170210
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/27/25 13:04	PB170210
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	10/27/25 13:04	PB170210
77-47-4	Hexachlorocyclopentadiene	3.60	UQ	1	3.60	10.0	ug/L	10/27/25 13:04	PB170210
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/27/25 13:04	PB170210
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	10/27/25 13:04	PB170210
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	10/27/25 13:04	PB170210
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	10/27/25 13:04	PB170210
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	10/27/25 13:04	PB170210
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	10/27/25 13:04	PB170210
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/27/25 13:04	PB170210
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	10/27/25 13:04	PB170210
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	10/27/25 13:04	PB170210
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	10/27/25 13:04	PB170210
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	10/27/25 13:04	PB170210
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	10/27/25 13:04	PB170210
103-33-3	Azobenzene	0.81	U	1	0.81	5.00	ug/L	10/27/25 13:04	PB170210
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	10/27/25 13:04	PB170210
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/27/25 13:04	PB170210
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/27/25 13:04	PB170210
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	10/27/25 13:04	PB170210
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	10/27/25 13:04	PB170210
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	10/27/25 13:04	PB170210
92-87-5	Benzidine	4.30	UQ	1	4.30	10.0	ug/L	10/27/25 13:04	PB170210
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	10/27/25 13:04	PB170210

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	10/17/25
Project:	PVSC Monthly 2025		Date Received:	10/17/25
Client Sample ID:	EFF-WW		SDG No.:	Q3385
Lab Sample ID:	Q3385-04		Matrix:	Water
Analytical Method:	625.1	Level : LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	10/27/25 13:04	PB170210
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	10/27/25 13:04	PB170210
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	10/27/25 13:04	PB170210
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	10/27/25 13:04	PB170210
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	10/27/25 13:04	PB170210
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	10/27/25 13:04	PB170210
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	10/27/25 13:04	PB170210
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	10/27/25 13:04	PB170210
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	10/27/25 13:04	PB170210
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	10/27/25 13:04	PB170210
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	10/27/25 13:04	PB170210
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	10/27/25 13:04	PB170210

SURROGATES

367-12-4	2-Fluorophenol	59.3	*		60 - 140	59%	SPK: 100
13127-88-3	Phenol-d6	43.0	*		60 - 140	43%	SPK: 100
4165-60-0	Nitrobenzene-d5	92.7			60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3			60 - 140	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.8			60 - 140	85%	SPK: 100
1718-51-0	Terphenyl-d14	83.5			60 - 140	83%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	47600
1146-65-2	Naphthalene-d8	173000
15067-26-2	Acenaphthene-d10	88400
1517-22-2	Phenanthrene-d10	141000
1719-03-5	Chrysene-d12	124000
1520-96-3	Perylene-d12	165000

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q3385	OrderDate:	10/17/2025 2:02:00 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
Q3385-04	EFF-WW	Water	SVOCMS Group1	625.1	10/17/25	10/22/25	10/27/25	10/17/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3385
Client: Ardmore Chemical

Order ID: Q3385
Project ID: PVSC Monthly 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EFF-WW								
Q3385-04	EFF-WW	Water	Lead	2.55	J	1.21	6.00	ug/L
Q3385-04	EFF-WW	Water	Zinc	175		2.00	20.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	10/17/25
Project:	PVSC Monthly 2025	Date Received:	10/17/25
Client Sample ID:	EFF-WW	SDG No.:	Q3385
Lab Sample ID:	Q3385-04	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.
7439-92-1	Lead	2.55	J	1	1.21	6.00	ug/L	10/30/25 10:45	10/31/25 13:00	EPA 200.7	
7439-97-6	Mercury	0.027	U	1	0.027	0.20	ug/L	10/27/25 10:05	10/27/25 14:23	E245.1	
7440-66-6	Zinc	175		1	2.00	20.0	ug/L	10/30/25 10:45	10/31/25 13:00	EPA 200.7	

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

LAB CHRONICLE

OrderID:	Q3385	OrderDate:	10/17/2025 2:02:00 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
Q3385-04	EFF-WW	Water			10/17/25			10/17/25
			Mercury	245.1		10/27/25	10/27/25	
			Metals Group3	200.7		10/30/25	10/31/25	



SAMPLE DATA

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	10/17/25 12:00
Project:	PVSC Monthly 2025	Date Received:	10/17/25
Client Sample ID:	EFF-WW	SDG No.:	Q3385
Lab Sample ID:	Q3385-01	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	10/21/25 10:40	10/21/25 15:36	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:	10/17/25 12:00
Project:	PVSC Monthly 2025	Date Received:	10/17/25
Client Sample ID:	EFF-WW	SDG No.:	Q3385
Lab Sample ID:	Q3385-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	386		1	0.20	2.00	mg/L		10/17/25 14:30	SM 5210 B-16
TSS	6.50		1	1.00	4.00	mg/L		10/22/25 12:40	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

LAB CHRONICLE

OrderID:	Q3385	OrderDate:	10/17/2025 2:02:00 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
Q3385-01	EFF-WW	WATER			10/17/25 12:00			10/17/25
			Cyanide	SM4500-CN C,E		10/21/25	10/21/25 15:36	
Q3385-04	EFF-WW	WATER			10/17/25 12:00			10/17/25
			BOD5	SM5210 B			10/17/25 14:30	
			TSS	SM2540 D			10/22/25 12:40	



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ARDMORE INC
ADDRESS: 29 Riverside Ave Bk 14
CITY NEWARK STATE: NJ ZIP: 07104
ATTENTION: Michael Sharphouse
PHONE: 973 481 2406 FAX:

CLIENT PROJECT INFORMATION

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

CLIENT BILLING INFORMATION

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

ANALYSIS

DATA TURNAROUND INFORMATION

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

VOC
SVOC
BOD/TOSS
METALS

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	EFF WASTE WATER			X	10/17	12:00pm		X	X								
2.	EFF WASTE WATER		X		10/17	12:00pm				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:	DATE/TIME: <u>10/17/25</u>	RECEIVED BY: <u>1400</u>	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.9</u> °C
1. <u>Albert Sharphouse</u>		<u>10-17-25</u>	Comments: <u>METALS</u>
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	<u>LEAD ZINC</u>
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3.		3.	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3385	ARDM01	Order Date : 10/17/2025 2:02:00 PM	Project Mgr :
Client Name : Ardmore Chemical		Project Name : PVSC Monthly 2025	Report Type : Level 1
Client Contact : Michael Sharphouse		Receive DateTime : 10/17/2025 2:00:00 PM	EDD Type : NONE
Invoice Name : Ardmore Chemical		Purchase Order :	Hard Copy Date :
Invoice Contact : Michael Sharphouse			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3385-01	EFF-WW	Water	10/17/2025	12:00	VOC-PP		624.1		10 Bus. Days
Q3385-02	Q3385-01MS	Water	10/17/2025	12:00	VOC-PP		624.1		10 Bus. Days
Q3385-03	Q3385-01MSD	Water	10/17/2025	12:00	VOC-PP		624.1		10 Bus. Days

Relinquished By :

Date / Time : 10/17/25 14:40

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room