



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

Hit Summary Sheet  
SW-846

SDG No.: Q1066  
Client: Ardmore Chemical

| Sample ID  | Client ID       | Matrix | Parameter            | Concentration | C | MDL  | RDL  | Units |
|------------|-----------------|--------|----------------------|---------------|---|------|------|-------|
| Client ID: | EFF-WASTE WATER |        |                      |               |   |      |      |       |
| Q1066-01   | EFF-WASTE WATER | Water  | Chloroform           | 14.8          | J | 3.60 | 25.0 | ug/L  |
|            |                 |        | Total Voc :          | 14.8          |   |      |      |       |
|            |                 |        | Total Concentration: | 14.8          |   |      |      |       |



# SAMPLE DATA

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## Report of Analysis

|                    |                   |                 |          |
|--------------------|-------------------|-----------------|----------|
| Client:            | Ardmore Chemical  | Date Collected: | 01/10/25 |
| Project:           | PVSC Monthly 2025 | Date Received:  | 01/10/25 |
| Client Sample ID:  | EFF-WASTE WATER   | SDG No.:        | Q1066    |
| Lab Sample ID:     | Q1066-01          | Matrix:         | Water    |
| Analytical Method: | E624.1            | % Solid:        | 0        |
| Sample Wt/Vol:     | 5 Units: mL       | Final Vol:      | 5000 uL  |
| Soil Aliquot Vol:  | uL                | Test:           | VOC-PP   |
| GC Column:         | RXI-624 ID : 0.25 | Level :         | LOW      |
| Prep Method :      |                   |                 |          |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN085425.D        | 5         |           | 01/10/25 14:08 | VN011025      |

| CAS Number     | Parameter                 | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|---------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                           |       |           |      |            |       |
| 74-87-3        | Chloromethane             | 5.90  | U         | 5.90 | 25.0       | ug/L  |
| 75-01-4        | Vinyl Chloride            | 6.10  | U         | 6.10 | 25.0       | ug/L  |
| 74-83-9        | Bromomethane              | 6.90  | U         | 6.90 | 25.0       | ug/L  |
| 75-00-3        | Chloroethane              | 14.6  | U         | 14.6 | 25.0       | ug/L  |
| 75-69-4        | Trichlorofluoromethane    | 5.10  | U         | 5.10 | 25.0       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene        | 5.30  | U         | 5.30 | 25.0       | ug/L  |
| 107-02-8       | Acrolein                  | 46.5  | U         | 46.5 | 130        | ug/L  |
| 107-13-1       | Acrylonitrile             | 18.4  | U         | 18.4 | 130        | ug/L  |
| 75-09-2        | Methylene Chloride        | 6.10  | U         | 6.10 | 25.0       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene  | 4.80  | U         | 4.80 | 25.0       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane        | 4.10  | U         | 4.10 | 25.0       | ug/L  |
| 56-23-5        | Carbon Tetrachloride      | 4.60  | U         | 4.60 | 25.0       | ug/L  |
| 67-66-3        | Chloroform                | 14.8  | J         | 3.60 | 25.0       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane     | 4.00  | U         | 4.00 | 25.0       | ug/L  |
| 71-43-2        | Benzene                   | 3.50  | U         | 3.50 | 25.0       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane        | 3.80  | U         | 3.80 | 25.0       | ug/L  |
| 79-01-6        | Trichloroethene           | 3.90  | U         | 3.90 | 25.0       | ug/L  |
| 78-87-5        | 1,2-Dichloropropane       | 3.30  | U         | 3.30 | 25.0       | ug/L  |
| 75-27-4        | Bromodichloromethane      | 4.10  | U         | 4.10 | 25.0       | ug/L  |
| 108-88-3       | Toluene                   | 3.60  | U         | 3.60 | 25.0       | ug/L  |
| 10061-02-6     | t-1,3-Dichloropropene     | 4.00  | U         | 4.00 | 25.0       | ug/L  |
| 10061-01-5     | cis-1,3-Dichloropropene   | 4.20  | U         | 4.20 | 25.0       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane     | 3.40  | U         | 3.40 | 25.0       | ug/L  |
| 110-75-8       | 2-Chloroethyl vinyl ether | 28.2  | U         | 28.2 | 130        | ug/L  |
| 124-48-1       | Dibromochloromethane      | 3.60  | U         | 3.60 | 25.0       | ug/L  |
| 127-18-4       | Tetrachloroethene         | 4.70  | U         | 4.70 | 25.0       | ug/L  |
| 108-90-7       | Chlorobenzene             | 3.40  | U         | 3.40 | 25.0       | ug/L  |
| 100-41-4       | Ethyl Benzene             | 3.70  | U         | 3.70 | 25.0       | ug/L  |
| 179601-23-1    | m/p-Xylenes               | 8.60  | U         | 8.60 | 50.0       | ug/L  |
| 95-47-6        | o-Xylene                  | 4.10  | U         | 4.10 | 25.0       | ug/L  |

## Report of Analysis

|                    |                   |           |                 |          |    |
|--------------------|-------------------|-----------|-----------------|----------|----|
| Client:            | Ardmore Chemical  |           | Date Collected: | 01/10/25 |    |
| Project:           | PVSC Monthly 2025 |           | Date Received:  | 01/10/25 |    |
| Client Sample ID:  | EFF-WASTE WATER   |           | SDG No.:        | Q1066    |    |
| Lab Sample ID:     | Q1066-01          |           | Matrix:         | Water    |    |
| Analytical Method: | E624.1            |           | % Solid:        | 0        |    |
| Sample Wt/Vol:     | 5                 | Units: mL | Final Vol:      | 5000     | uL |
| Soil Aliquot Vol:  |                   | uL        | Test:           | VOC-PP   |    |
| GC Column:         | RXI-624           | ID : 0.25 | Level :         | LOW      |    |
| Prep Method :      |                   |           |                 |          |    |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VN085425.D        | 5         |           | 01/10/25 14:08 | VN011025      |

| CAS Number                | Parameter                 | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|---------------------------|--------|-----------|----------|------------|---------|
| 75-25-2                   | Bromoform                 | 5.00   | U         | 5.00     | 25.0       | ug/L    |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane | 3.00   | U         | 3.00     | 25.0       | ug/L    |
| 541-73-1                  | 1,3-Dichlorobenzene       | 4.40   | U         | 4.40     | 25.0       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene       | 4.80   | U         | 4.80     | 25.0       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene       | 4.40   | U         | 4.40     | 25.0       | ug/L    |
| <b>SURROGATES</b>         |                           |        |           |          |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4     | 29.6   |           | 91 - 110 | 99%        | SPK: 30 |
| 2037-26-5                 | Toluene-d8                | 28.2   |           | 91 - 112 | 94%        | SPK: 30 |
| 460-00-4                  | 4-Bromofluorobenzene      | 24.4   |           | 63 - 112 | 81%        | SPK: 30 |
| <b>INTERNAL STANDARDS</b> |                           |        |           |          |            |         |
| 74-97-5                   | Bromochloromethane        | 30900  | 7.812     |          |            |         |
| 540-36-3                  | 1,4-Difluorobenzene       | 153000 | 9.1       |          |            |         |
| 3114-55-4                 | Chlorobenzene-d5          | 139000 | 11.865    |          |            |         |

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: | Q1066              | OrderDate: | 1/10/2025 12:15:00 PM |
| Client:  | Ardmore Chemical   | Project:   | PVSC Monthly 2025     |
| Contact: | Michael Sharphouse | Location:  | M11,VOA Ref. #3 Water |

| LabID    | ClientID        | Matrix | Test   | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------------|--------|--------|--------|-------------|-----------|-----------|----------|
| Q1066-01 | EFF-WASTE WATER | Water  | VOC-PP | 624.1  | 01/10/25    |           | 01/10/25  | 01/10/25 |



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A

B

C

D

### Hit Summary Sheet SW-846

**SDG No.:** Q1066  
**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

A

B

C

D

## Report of Analysis

|                    |                   |                  |                 |               |      |
|--------------------|-------------------|------------------|-----------------|---------------|------|
| Client:            | Ardmore Chemical  |                  | Date Collected: | 01/10/25      |      |
| Project:           | PVSC Monthly 2025 |                  | Date Received:  | 01/10/25      |      |
| Client Sample ID:  | EFF-WASTE WATER   |                  | SDG No.:        | Q1066         |      |
| Lab Sample ID:     | Q1066-02          |                  | Matrix:         | Water         |      |
| Analytical Method: | 625.1             |                  | % Solid:        | 0             |      |
| Sample Wt/Vol:     | 950               | Units: mL        | Final Vol:      | 1000          | uL   |
| Soil Aliquot Vol:  |                   | uL               | Test:           | SVOCMS Group1 |      |
| Extraction Type :  |                   | Decanted : N     | Level :         | LOW           |      |
| Injection Volume : |                   | GPC Factor : 1.0 | GPC Cleanup :   | N             | PH : |
| Prep Method :      | 3510C             |                  |                 |               |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141185.D        | 1         | 01/13/25 08:22 | 01/16/25 15:13 | PB166033      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1.10  | U         | 1.10 | 10.5       | ug/L  |
| 108-95-2       | Phenol                      | 0.98  | U         | 0.98 | 5.30       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.30  | U         | 1.30 | 5.30       | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.75  | U         | 0.75 | 5.30       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.40  | U         | 1.40 | 5.30       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.60  | U         | 1.60 | 5.30       | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.30  | U         | 1.30 | 5.30       | ug/L  |
| 78-59-1        | Isophorone                  | 1.20  | U         | 1.20 | 5.30       | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2.10  | U         | 2.10 | 5.30       | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.60  | U         | 1.60 | 5.30       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 5.30       | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.20  | U         | 1.20 | 5.30       | ug/L  |
| 91-20-3        | Naphthalene                 | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.30  | U         | 1.30 | 5.30       | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 0.88  | U         | 0.88 | 5.30       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 5.30  | UQ        | 5.30 | 10.5       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.94  | U         | 0.94 | 5.30       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.00  | U         | 1.00 | 5.30       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 0.98  | U         | 0.98 | 5.30       | ug/L  |
| 208-96-8       | Acenaphthylene              | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 606-20-2       | 2,6-Dinitrotoluene          | 1.30  | U         | 1.30 | 5.30       | ug/L  |
| 83-32-9        | Acenaphthene                | 0.85  | U         | 0.85 | 5.30       | ug/L  |
| 51-28-5        | 2,4-Dinitrophenol           | 6.80  | U         | 6.80 | 10.5       | ug/L  |
| 100-02-7       | 4-Nitrophenol               | 2.10  | U         | 2.10 | 10.5       | ug/L  |
| 121-14-2       | 2,4-Dinitrotoluene          | 1.60  | U         | 1.60 | 5.30       | ug/L  |
| 84-66-2        | Diethylphthalate            | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1.00  | U         | 1.00 | 5.30       | ug/L  |

## Report of Analysis

|                    |                   |                  |                 |               |      |
|--------------------|-------------------|------------------|-----------------|---------------|------|
| Client:            | Ardmore Chemical  |                  | Date Collected: | 01/10/25      |      |
| Project:           | PVSC Monthly 2025 |                  | Date Received:  | 01/10/25      |      |
| Client Sample ID:  | EFF-WASTE WATER   |                  | SDG No.:        | Q1066         |      |
| Lab Sample ID:     | Q1066-02          |                  | Matrix:         | Water         |      |
| Analytical Method: | 625.1             |                  | % Solid:        | 0             |      |
| Sample Wt/Vol:     | 950               | Units: mL        | Final Vol:      | 1000          | uL   |
| Soil Aliquot Vol:  |                   | uL               | Test:           | SVOCMS Group1 |      |
| Extraction Type :  |                   | Decanted : N     | Level :         | LOW           |      |
| Injection Volume : |                   | GPC Factor : 1.0 | GPC Cleanup :   | N             | PH : |
| Prep Method :      | 3510C             |                  |                 |               |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141185.D        | 1         | 01/13/25 08:22 | 01/16/25 15:13 | PB166033      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|------------|-------|
| 86-73-7    | Fluorene                   | 1.00  | U         | 1.00 | 5.30       | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 3.20  | U         | 3.20 | 10.5       | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine     | 0.94  | UQ        | 0.94 | 5.30       | ug/L  |
| 103-33-3   | Azobenzene                 | 1.30  | U         | 1.30 | 5.30       | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.00  | U         | 1.00 | 5.30       | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.20  | U         | 1.20 | 5.30       | ug/L  |
| 87-86-5    | Pentachlorophenol          | 1.90  | U         | 1.90 | 10.5       | ug/L  |
| 85-01-8    | Phenanthrene               | 0.94  | U         | 0.94 | 5.30       | ug/L  |
| 120-12-7   | Anthracene                 | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.50  | U         | 1.50 | 5.30       | ug/L  |
| 206-44-0   | Fluoranthene               | 1.40  | U         | 1.40 | 5.30       | ug/L  |
| 92-87-5    | Benzidine                  | 4.30  | U         | 4.30 | 10.5       | ug/L  |
| 129-00-0   | Pyrene                     | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 2.20  | U         | 2.20 | 5.30       | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.30  | U         | 1.30 | 10.5       | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 0.99  | U         | 0.99 | 5.30       | ug/L  |
| 218-01-9   | Chrysene                   | 0.91  | U         | 0.91 | 5.30       | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 2.00  | U         | 2.00 | 5.30       | ug/L  |
| 117-84-0   | Di-n-octyl phthalate       | 2.60  | U         | 2.60 | 10.5       | ug/L  |
| 205-99-2   | Benzo(b)fluoranthene       | 1.20  | U         | 1.20 | 5.30       | ug/L  |
| 207-08-9   | Benzo(k)fluoranthene       | 1.30  | U         | 1.30 | 5.30       | ug/L  |
| 50-32-8    | Benzo(a)pyrene             | 1.80  | U         | 1.80 | 5.30       | ug/L  |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1.10  | U         | 1.10 | 5.30       | ug/L  |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1.20  | U         | 1.20 | 5.30       | ug/L  |
| 191-24-2   | Benzo(g,h,i)perylene       | 1.20  | U         | 1.20 | 5.30       | ug/L  |

### SURROGATES

|            |                  |      |   |          |      |          |
|------------|------------------|------|---|----------|------|----------|
| 367-12-4   | 2-Fluorophenol   | 51.6 | * | 60 - 140 | 52%  | SPK: 100 |
| 13127-88-3 | Phenol-d6        | 32.6 | * | 60 - 140 | 33%  | SPK: 100 |
| 4165-60-0  | Nitrobenzene-d5  | 97.3 |   | 60 - 140 | 97%  | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl | 99.8 |   | 60 - 140 | 100% | SPK: 100 |

## Report of Analysis

|                    |                   |                  |                 |               |      |
|--------------------|-------------------|------------------|-----------------|---------------|------|
| Client:            | Ardmore Chemical  |                  | Date Collected: | 01/10/25      |      |
| Project:           | PVSC Monthly 2025 |                  | Date Received:  | 01/10/25      |      |
| Client Sample ID:  | EFF-WASTE WATER   |                  | SDG No.:        | Q1066         |      |
| Lab Sample ID:     | Q1066-02          |                  | Matrix:         | Water         |      |
| Analytical Method: | 625.1             |                  | % Solid:        | 0             |      |
| Sample Wt/Vol:     | 950               | Units: mL        | Final Vol:      | 1000          | uL   |
| Soil Aliquot Vol:  |                   | uL               | Test:           | SVOCMS Group1 |      |
| Extraction Type :  |                   | Decanted : N     | Level :         | LOW           |      |
| Injection Volume : |                   | GPC Factor : 1.0 | GPC Cleanup :   | N             | PH : |
| Prep Method :      | 3510C             |                  |                 |               |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141185.D        | 1         | 01/13/25 08:22 | 01/16/25 15:13 | PB166033      |

| CAS Number | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|------------|----------------------|-------|-----------|----------|------------|----------|
| 118-79-6   | 2,4,6-Tribromophenol | 76.7  |           | 60 - 140 | 77%        | SPK: 100 |
| 1718-51-0  | Terphenyl-d14        | 81.4  |           | 60 - 140 | 81%        | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 164000 | 6.81   |
| 1146-65-2  | Naphthalene-d8         | 630000 | 8.093  |
| 15067-26-2 | Acenaphthene-d10       | 310000 | 9.851  |
| 1517-22-2  | Phenanthrene-d10       | 433000 | 11.345 |
| 1719-03-5  | Chrysene-d12           | 314000 | 13.986 |
| 1520-96-3  | Perylene-d12           | 311000 | 15.451 |

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: | Q1066              | OrderDate: | 1/10/2025 12:15:00 PM |
| Client:  | Ardmore Chemical   | Project:   | PVSC Monthly 2025     |
| Contact: | Michael Sharphouse | Location:  | M11,VOA Ref. #3 Water |

| LabID    | ClientID        | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-----------------|--------|---------------|--------|-------------|-----------|-----------|----------|
| Q1066-02 | EFF-WASTE WATER | Water  | SVOCMS Group1 | 625.1  | 01/10/25    | 01/13/25  | 01/16/25  | 01/10/25 |



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

**Hit Summary Sheet**  
**SW-846**

|                 |                  |                    |                   |
|-----------------|------------------|--------------------|-------------------|
| <b>SDG No.:</b> | Q1066            | <b>Order ID:</b>   | Q1066             |
| <b>Client:</b>  | Ardmore Chemical | <b>Project ID:</b> | PVSC Monthly-2025 |

| Sample ID                          | Client ID       | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|------------------------------------|-----------------|--------|-----------|---------------|---|------|------|-------|
| <b>Client ID : EFF-WASTE WATER</b> |                 |        |           |               |   |      |      |       |
| Q1066-02                           | EFF-WASTE WATER | Water  | Copper    | 35.2          |   | 1.52 | 10.0 | ug/L  |
| Q1066-02                           | EFF-WASTE WATER | Water  | Zinc      | 137           |   | 1.44 | 20.0 | ug/L  |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                   |                   |                 |          |
|-------------------|-------------------|-----------------|----------|
| Client:           | Ardmore Chemical  | Date Collected: | 01/10/25 |
| Project:          | PVSC Monthly-2025 | Date Received:  | 01/10/25 |
| Client Sample ID: | EFF-WASTE WATER   | SDG No.:        | Q1066    |
| Lab Sample ID:    | Q1066-02          | Matrix:         | Water    |
| Level (low/med):  | low               | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.  | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------|----------------|----------------|-----------|-----------|
| 7440-43-9 | Cadmium   | 0.21  | U    | 1  | 0.21  | 3.00       | ug/L  | 01/13/25 10:30 | 01/20/25 17:20 | EPA 200.7 |           |
| 7440-50-8 | Copper    | 35.2  |      | 1  | 1.52  | 10.0       | ug/L  | 01/13/25 10:30 | 01/20/25 17:20 | EPA 200.7 |           |
| 7439-92-1 | Lead      | 1.57  | U    | 1  | 1.57  | 6.00       | ug/L  | 01/13/25 10:30 | 01/20/25 17:20 | EPA 200.7 |           |
| 7439-97-6 | Mercury   | 0.022 | U    | 1  | 0.022 | 0.20       | ug/L  | 01/27/25 08:00 | 01/27/25 14:57 | E245.1    |           |
| 7440-02-0 | Nickel    | 1.28  | U    | 1  | 1.28  | 20.0       | ug/L  | 01/13/25 10:30 | 01/20/25 17:20 | EPA 200.7 |           |
| 7440-66-6 | Zinc      | 137   |      | 1  | 1.44  | 20.0       | ug/L  | 01/13/25 10:30 | 01/20/25 17:20 | EPA 200.7 |           |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Brown         | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group2 |                 |       |            |

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

|                 |                    |                   |                       |
|-----------------|--------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q1066              | <b>OrderDate:</b> | 1/10/2025 12:15:00 PM |
| <b>Client:</b>  | Ardmore Chemical   | <b>Project:</b>   | PVSC Monthly-2025     |
| <b>Contact:</b> | Michael Sharphouse | <b>Location:</b>  | M11,VOA Ref. #3 Water |

| LabID           | ClientID               | Matrix       | Test             | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|------------------------|--------------|------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1066-02</b> | <b>EFF-WASTE WATER</b> | <b>Water</b> |                  |        | <b>01/10/25</b> |           |           | <b>01/10/25</b> |
|                 |                        |              | Mercury          | 245.1  |                 | 01/27/25  | 01/27/25  |                 |
|                 |                        |              | Metals ICP-Group | 200.7  |                 | 01/13/25  | 01/20/25  |                 |



# SAMPLE DATA

A

B

C

## Report of Analysis

|                   |                   |                 |                |
|-------------------|-------------------|-----------------|----------------|
| Client:           | Ardmore Chemical  | Date Collected: | 01/10/25 10:15 |
| Project:          | PVSC Monthly 2025 | Date Received:  | 01/10/25       |
| Client Sample ID: | EFF-WASTE WATER   | SDG No.:        | Q1066          |
| Lab Sample ID:    | Q1066-01          | Matrix:         | WATER          |
|                   |                   | % Solid:        | 0              |

| Parameter | Conc.   | Qua. | DF | MDL     | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.                     |
|-----------|---------|------|----|---------|------------|-------|----------------|----------------|------------------------------|
| Cyanide   | 0.00093 | U    | 1  | 0.00093 | 0.0050     | mg/L  | 01/14/25 11:00 | 01/14/25 16:37 | SM 4500-CN<br>C-16 plus E-16 |

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: | 01/10/25 10:15 |
| Project:          | PVSC Monthly 2025 | Date Received:  | 01/10/25       |
| Client Sample ID: | EFF-WASTE WATER   | SDG No.:        | Q1066          |
| Lab Sample ID:    | Q1066-02          | Matrix:         | WATER          |
|                   |                   | % Solid:        | 0              |

| Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met.     |
|-----------|-------|------|----|------|------------|-------|-----------|----------------|--------------|
| BOD5      | 910   |      | 1  | 0.17 | 2.00       | mg/L  |           | 01/10/25 16:20 | SM 5210 B-16 |
| TSS       | 16.8  |      | 1  | 1.00 | 4.00       | mg/L  |           | 01/13/25 10:15 | SM 2540 D-15 |

Comments: \_\_\_\_\_

U = Not Detected

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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

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OR = Over Range

N =Spiked sample recovery not within control limits

## LAB CHRONICLE

|                 |                    |                   |                       |
|-----------------|--------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q1066              | <b>OrderDate:</b> | 1/10/2025 12:15:00 PM |
| <b>Client:</b>  | Ardmore Chemical   | <b>Project:</b>   | PVSC Monthly 2025     |
| <b>Contact:</b> | Michael Sharphouse | <b>Location:</b>  | M11,VOA Ref. #3 Water |

| LabID           | ClientID               | Matrix       | Test    | Method           | Sample Date               | Prep Date | Anal Date         | Received        |
|-----------------|------------------------|--------------|---------|------------------|---------------------------|-----------|-------------------|-----------------|
| <b>Q1066-01</b> | <b>EFF-WASTE WATER</b> | <b>WATER</b> |         |                  | <b>01/10/25<br/>10:15</b> |           |                   | <b>01/10/25</b> |
|                 |                        |              | Cyanide | SM4500-CN<br>C,E |                           | 01/14/25  | 01/14/25<br>16:37 |                 |
| <b>Q1066-02</b> | <b>EFF-WASTE WATER</b> | <b>WATER</b> |         |                  | <b>01/10/25<br/>10:15</b> |           |                   | <b>01/10/25</b> |
|                 |                        |              | BOD5    | SM5210 B         |                           |           | 01/10/25<br>16:20 |                 |
|                 |                        |              | TSS     | SM2540 D         |                           |           | 01/13/25<br>10:15 |                 |