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

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | G Environmental | Date Collected: | 10/21/25 |
| Project: | Willow | Date Received: | 10/22/25 |
| Client Sample ID: | MW2 | SDG No.: | Q3426 |
| Lab Sample ID: | Q3426-04 | Matrix: | Water |
| Analytical Method: | 8260D | Level : LOW | % Solid: 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: 5000 uL | Test: VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | 2.20 | U | 10 | 2.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 74-87-3 | Chloromethane | 3.20 | U | 10 | 3.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-01-4 | Vinyl Chloride | 2.60 | U | 10 | 2.60 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 74-83-9 | Bromomethane | 14.4 | U | 10 | 14.4 | 50.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-00-3 | Chloroethane | 4.70 | U | 10 | 4.70 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-69-4 | Trichlorofluoromethane | 3.30 | U | 10 | 3.30 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 2.50 | U | 10 | 2.50 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-65-0 | Tert butyl alcohol | 55.1 | U | 10 | 55.1 | 250 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-35-4 | 1,1-Dichloroethene | 2.30 | U | 10 | 2.30 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 67-64-1 | Acetone | 77.8 | | 10 | 15.1 | 50.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-15-0 | Carbon Disulfide | 2.10 | U | 10 | 2.10 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 1634-04-4 | Methyl tert-butyl Ether | 1.60 | U | 10 | 1.60 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 79-20-9 | Methyl Acetate | 2.70 | U | 10 | 2.70 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-09-2 | Methylene Chloride | 2.80 | UQ | 10 | 2.80 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 156-60-5 | trans-1,2-Dichloroethene | 2.30 | U | 10 | 2.30 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-34-3 | 1,1-Dichloroethane | 2.30 | U | 10 | 2.30 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 110-82-7 | Cyclohexane | 680 | | 10 | 14.5 | 50.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 78-93-3 | 2-Butanone | 9.80 | U | 10 | 9.80 | 50.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 56-23-5 | Carbon Tetrachloride | 2.50 | U | 10 | 2.50 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 156-59-2 | cis-1,2-Dichloroethene | 1.90 | U | 10 | 1.90 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 74-97-5 | Bromochloromethane | 2.20 | UQ | 10 | 2.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 67-66-3 | Chloroform | 2.50 | UQ | 10 | 2.50 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 71-55-6 | 1,1,1-Trichloroethane | 2.00 | UQ | 10 | 2.00 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 108-87-2 | Methylcyclohexane | 390 | | 10 | 1.60 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 71-43-2 | Benzene | 560 | | 10 | 1.50 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 107-06-2 | 1,2-Dichloroethane | 2.20 | UQ | 10 | 2.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 79-01-6 | Trichloroethene | 0.93 | U | 10 | 0.93 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 78-87-5 | 1,2-Dichloropropane | 2.00 | UQ | 10 | 2.00 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 75-27-4 | Bromodichloromethane | 2.20 | UQ | 10 | 2.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 108-10-1 | 4-Methyl-2-Pentanone | 6.80 | UQ | 10 | 6.80 | 50.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 108-88-3 | Toluene | 38.2 | | 10 | 1.40 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 10061-02-6 | t-1,3-Dichloropropene | 1.70 | UQ | 10 | 1.70 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.60 | UQ | 10 | 1.60 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 79-00-5 | 1,1,2-Trichloroethane | 2.10 | U | 10 | 2.10 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 591-78-6 | 2-Hexanone | 8.90 | UQ | 10 | 8.90 | 50.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 124-48-1 | Dibromochloromethane | 1.80 | U | 10 | 1.80 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 106-93-4 | 1,2-Dibromoethane | 1.50 | UQ | 10 | 1.50 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 127-18-4 | Tetrachloroethene | 2.30 | U | 10 | 2.30 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 108-90-7 | Chlorobenzene | 1.20 | U | 10 | 1.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 100-41-4 | Ethyl Benzene | 56.4 | | 10 | 1.30 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 179601-23-1 | m/p-Xylenes | 98.1 | | 10 | 2.40 | 20.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 95-47-6 | o-Xylene | 8.70 | J | 10 | 1.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 100-42-5 | Styrene | 1.50 | U | 10 | 1.50 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |

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| Project: | Willow | Date Received: | 10/22/25 |
| Client Sample ID: | MW2 | SDG No.: | Q3426 |
| Lab Sample ID: | Q3426-04 | Matrix: | Water |
| Analytical Method: | 8260D | Level : LOW | % Solid: 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: 5000 uL | Test: VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|
| 75-25-2 | Bromoform | 1.90 | UQ | 10 | 1.90 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 98-82-8 | Isopropylbenzene | 83.2 | | 10 | 1.20 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2.60 | U | 10 | 2.60 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 23.9 | | 10 | 1.40 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.60 | U | 10 | 1.60 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.90 | U | 10 | 1.90 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.60 | U | 10 | 1.60 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 5.30 | UQ | 10 | 5.30 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 2.00 | U | 10 | 2.00 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 2.00 | U | 10 | 2.00 | 10.0 | ug/L | 10/27/25 17:19 | VN102725 |
| **SURROGATES** | | | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-d4 | 60.6 | | | 74 - 125 | 121% | SPK: 50 | | |
| 1868-53-7 | Dibromofluoromethane | 48.9 | | | 75 - 124 | 98% | SPK: 50 | | |
| 2037-26-5 | Toluene-d8 | 45.8 | | | 86 - 113 | 92% | SPK: 50 | | |
| 460-00-4 | 4-Bromofluorobenzene | 52.5 | | | 77 - 121 | 105% | SPK: 50 | | |
| **INTERNAL STANDARDS** | | **Area Count** | | | | | | | |
| 363-72-4 | Pentafluorobenzene | 258000 | | | | | | | |
| 540-36-3 | 1,4-Difluorobenzene | 580000 | | | | | | | |
| 3114-55-4 | Chlorobenzene-d5 | 561000 | | | | | | | |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 281000 | | | | | | | |
| **TENTATIVE IDENTIFIED COMPOUNDS** | | | | | | | | | |
| 000930-18-7 | Cyclopropane, 1,2-dimethyl-, cis- | 90.0 | J | | | 4.15 | ug/L | | |
| 000691-38-3 | 2-Pentene, 4-methyl-, (Z)- | 89.0 | J | | | 6.64 | ug/L | | |
| 000096-37-7 | Cyclopentane, methyl- | 310 | J | | | 7.31 | ug/L | | |
| 000693-89-0 | Cyclopentene, 1-methyl- | 120 | J | | | 7.99 | ug/L | | |
| 000110-83-8 | Cyclohexene | 160 | J | | | 8.71 | ug/L | | |
| 001528-22-9 | Cyclobutane, (1-methylethylidene)- | 110 | J | | | 10.1 | ug/L | | |
| 028823-41-8 | 2,4-Hexadiene, 2-methyl- | 120 | J | | | 10.4 | ug/L | | |
| 103-65-1 | n-propylbenzene | 150 | J | | | 13.0 | ug/L | | |
| 108-67-8 | 1,3,5-Trimethylbenzene | 47.7 | J | | | 13.2 | ug/L | | |
| 000611-14-3 | Benzene, 1-ethyl-2-methyl- | 80.2 | J | | | 13.3 | ug/L | | |
| 135-98-8 | sec-Butylbenzene | 7.00 | J | | | 13.6 | ug/L | | |
| 99-87-6 | p-Isopropyltoluene | 5.20 | J | | | 13.7 | ug/L | | |
| 104-51-8 | n-Butylbenzene | 9.40 | J | | | 14.0 | ug/L | | |
| 003479-89-8 | 1,3,5-Cycloheptatriene, 3,7,7-trim | 91.8 | J | | | 14.3 | ug/L | | |
| 007525-62-4 | Benzene, 1-ethenyl-3-ethyl- | 130 | J | | | 14.4 | ug/L | | |
| 000824-63-5 | 1H-Indene, 2,3-dihydro-2-methyl- | 93.1 | J | | | 14.9 | ug/L | | |
| 002039-89-6 | Benzene, 2-ethenyl-1,4-dimethyl- | 200 | J | | | 15.0 | ug/L | | |
| 91-20-3 | Naphthalene | 36.0 | J | | | 15.6 | ug/L | | |

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| Project: | Willow | Date Received: | 10/22/25 |
| Client Sample ID: | MW2 | SDG No.: | Q3426 |
| Lab Sample ID: | Q3426-04 | Matrix: | Water |
| Analytical Method: | 8260D | Level : LOW | % Solid: 0 |
| Sample Wt/Vol: | 5 mL | Final Vol: 5000 uL | Test: VOCMS Group1 |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|

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