

## **ANALYTICAL RESULTS SUMMARY**

GENERAL CHEMISTRY  
METALS  
VOLATILE ORGANICS

**PROJECT NAME : AMSTERDAM**

**G ENVIRONMENTAL**

**8 Carriage Ln**

**Succasunna, NJ - 07876**

**Phone No: 973-294-1771**

**ORDER ID : Q3172**

**ATTENTION : Gary Landis**



**Laboratory Certification ID # 20012**

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### Hit Summary Sheet SW-846

SDG No.: Q3172

Client: G Environmental

| Sample ID         | Client ID     | Matrix | Parameter                   | Concentration | C  | MDL         | RDL  | Units |
|-------------------|---------------|--------|-----------------------------|---------------|----|-------------|------|-------|
| <b>Client ID:</b> | <b>FW7D</b>   |        |                             |               |    |             |      |       |
| Q3172-01          | FW7D          | Water  | Vinyl Chloride              | 53.5          |    | 0.26        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,1-Dichloroethene          | 9.30          |    | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Carbon Disulfide            | 0.94          | J  | 0.21        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | trans-1,2-Dichloroethene    | 77.7          |    | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,1-Dichloroethane          | 0.34          | J  | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Cyclohexane                 | 3.30          | J  | 1.50        | 5.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | cis-1,2-Dichloroethene      | 1200          | E  | 0.19        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Chloroform                  | 1.00          |    | 0.25        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Methylcyclohexane           | 4.20          |    | 0.16        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Benzene                     | 39.2          |    | 0.15        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Trichloroethene             | 1900          | E  | 0.090       | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Toluene                     | 4.60          |    | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Tetrachloroethene           | 2.10          |    | 0.23        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Chlorobenzene               | 1600          | E  | 0.12        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Ethyl Benzene               | 3.00          |    | 0.13        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | m/p-Xylenes                 | 4.30          |    | 0.24        | 2.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | o-Xylene                    | 1.50          |    | 0.12        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Isopropylbenzene            | 0.81          | J  | 0.12        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,3-Dichlorobenzene         | 3.60          |    | 0.16        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,4-Dichlorobenzene         | 51.1          |    | 0.19        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,2-Dichlorobenzene         | 80.7          |    | 0.16        | 1.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>          |               |    | <b>5040</b> |      |       |
| Q3172-01          | FW7D          | Water  | Diethyl Ether               | * 3.00        | J  | 0.31        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Bromobenzene                | * 1.10        | J  | 0.24        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 2-Chlorotoluene             | * 4.50        | J  | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | tert-Butylbenzene           | * 0.67        | J  | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | 1,2,4-Trimethylbenzene      | * 0.57        | J  | 0.14        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Naphthalene                 | * 0.43        | J  | 0.20        | 1.00 | ug/L  |
| Q3172-01          | FW7D          | Water  | Diisopropyl ether           | * 2.80        | J  | 0.15        | 1.00 | ug/L  |
|                   |               |        | <b>Total Tics :</b>         |               |    | <b>13.1</b> |      |       |
|                   |               |        | <b>Total Concentration:</b> |               |    | <b>5050</b> |      |       |
| <b>Client ID:</b> | <b>FW7DDL</b> |        |                             |               |    |             |      |       |
| Q3172-01DL        | FW7DDL        | Water  | Vinyl Chloride              | 29.8          | JD | 26.0        | 100  | ug/L  |
| Q3172-01DL        | FW7DDL        | Water  | trans-1,2-Dichloroethene    | 39.1          | JD | 23.0        | 100  | ug/L  |
| Q3172-01DL        | FW7DDL        | Water  | cis-1,2-Dichloroethene      | 550           | D  | 19.0        | 100  | ug/L  |
| Q3172-01DL        | FW7DDL        | Water  | Trichloroethene             | 1500          | D  | 9.30        | 100  | ug/L  |

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

**SDG No.:** Q3172

**Client:** G Environmental

| Sample ID         | Client ID     | Matrix | Parameter                     | Concentration | C | MDL   | RDL  | Units |
|-------------------|---------------|--------|-------------------------------|---------------|---|-------|------|-------|
| Q3172-01DL        | FW7DDL        | Water  | Chlorobenzene                 | 8200          | D | 12.0  | 100  | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 10300         |   |       |      |       |
|                   |               |        | <b>Total Concentration:</b>   | 10300         |   |       |      |       |
| <b>Client ID:</b> | <b>FW6D</b>   |        |                               |               |   |       |      |       |
| Q3172-02          | FW6D          | Water  | Acetone                       | 5.90          |   | 1.50  | 5.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Methyl tert-butyl Ether       | 0.41          | J | 0.16  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Methyl Acetate                | 1.20          |   | 0.27  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | trans-1,2-Dichloroethene      | 1.30          |   | 0.23  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | cis-1,2-Dichloroethene        | 2.60          |   | 0.19  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Benzene                       | 0.46          | J | 0.15  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Trichloroethene               | 5.40          |   | 0.090 | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Toluene                       | 0.50          | J | 0.14  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Chlorobenzene                 | 200           | E | 0.12  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | Ethyl Benzene                 | 0.49          | J | 0.13  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | m/p-Xylenes                   | 0.77          | J | 0.24  | 2.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | 1,3-Dichlorobenzene           | 0.54          | J | 0.16  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | 1,4-Dichlorobenzene           | 6.10          |   | 0.19  | 1.00 | ug/L  |
| Q3172-02          | FW6D          | Water  | 1,2-Dichlorobenzene           | 6.60          |   | 0.16  | 1.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 232           |   |       |      |       |
| Q3172-02          | FW6D          | Water  | 1,2,4-Trimethylbenzene        | * 0.52        | J | 0.14  | 1.00 | ug/L  |
|                   |               |        | <b>Total Tics :</b>           | 0.52          |   |       |      |       |
|                   |               |        | <b>Total Concentration:</b>   | 233           |   |       |      |       |
| <b>Client ID:</b> | <b>FW6DDL</b> |        |                               |               |   |       |      |       |
| Q3172-02DL        | FW6DDL        | Water  | Chlorobenzene                 | 100           | D | 0.48  | 4.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 100           |   |       |      |       |
|                   |               |        | <b>Total Concentration:</b>   | 100           |   |       |      |       |
| <b>Client ID:</b> | <b>GB3W</b>   |        |                               |               |   |       |      |       |
| Q3172-03          | GB3W          | Water  | Acetone                       | 3.10          | J | 1.50  | 5.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | Trichloroethene               | 0.92          | J | 0.090 | 1.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | Chlorobenzene                 | 4.70          |   | 0.12  | 1.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | o-Xylene                      | 0.53          | J | 0.12  | 1.00 | ug/L  |
| Q3172-03          | GB3W          | Water  | Isopropylbenzene              | 1.50          |   | 0.12  | 1.00 | ug/L  |
|                   |               |        | <b>Total Voc :</b>            | 10.8          |   |       |      |       |
| Q3172-03          | GB3W          | Water  | Naphthalene, 1-methyl-        | * 58.4        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Benzene, 1,2,4,5-tetramethyl- | * 13.4        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Indane                        | * 10.7        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Naphthalene, 1,7-dimethyl-    | * 12.0        | J | 0     | 0    | ug/L  |
| Q3172-03          | GB3W          | Water  | Naphthalene, 1,6-dimethyl-    | * 19.7        | J | 0     | 0    | ug/L  |

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

**SDG No.:** Q3172

**Client:** G Environmental

| Sample ID                   | Client ID | Matrix | Parameter                      | Concentration | C   | MDL  | RDL  | Units |
|-----------------------------|-----------|--------|--------------------------------|---------------|-----|------|------|-------|
| Q3172-03                    | GB3W      | Water  | Naphthalene, 2,3-dimethyl-     | * 27.5        | J   | 0    | 0    | ug/L  |
| Q3172-03                    | GB3W      | Water  | Naphthalene, 2,7-dimethyl-     | * 21.7        | J   | 0    | 0    | ug/L  |
| Q3172-03                    | GB3W      | Water  | Benzene, 1-ethyl-2,3-dimethyl- | * 15.6        | J   | 0    | 0    | ug/L  |
| Q3172-03                    | GB3W      | Water  | Benzene, (3-methyl-2-butenyl)- | * 18.6        | J   | 0    | 0    | ug/L  |
| Q3172-03                    | GB3W      | Water  | Benzene, 1-ethenyl-3-ethyl-    | * 19.9        | J   | 0    | 0    | ug/L  |
| Q3172-03                    | GB3W      | Water  | 1H-Indene, 2,3-dihydro-1,2-din | * 12.9        | J   | 0    | 0    | ug/L  |
| Q3172-03                    | GB3W      | Water  | 1H-Indene, 2,3-dihydro-1,6-din | * 11.5        | J   | 0    | 0    | ug/L  |
| Q3172-03                    | GB3W      | Water  | n-propylbenzene                | * 1.00        | J   | 0.13 | 1.00 | ug/L  |
| Q3172-03                    | GB3W      | Water  | 2-Chlorotoluene                | * 4.10        | J   | 0.14 | 1.00 | ug/L  |
| Q3172-03                    | GB3W      | Water  | tert-Butylbenzene              | * 0.41        | J   | 0.14 | 1.00 | ug/L  |
| Q3172-03                    | GB3W      | Water  | sec-Butylbenzene               | * 0.69        | J   | 0.13 | 1.00 | ug/L  |
| Q3172-03                    | GB3W      | Water  | n-Butylbenzene                 | * 0.67        | J   | 0.15 | 1.00 | ug/L  |
| <b>Total Tics :</b>         |           |        |                                |               | 249 |      |      |       |
| <b>Total Concentration:</b> |           |        |                                |               | 260 |      |      |       |

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

**SDG No.:** Q3172  
**Client:** G Environmental

**Order ID:** Q3172  
**Project ID:** Amsterdam

| Sample ID               | Client ID | Matrix | Parameter | Concentration | C | MDL   | RDL  | Units |
|-------------------------|-----------|--------|-----------|---------------|---|-------|------|-------|
| <b>Client ID : FW7D</b> |           |        |           |               |   |       |      |       |
| Q3172-01                | FW7D      | Water  | Aluminum  | 113000        |   | 5.67  | 50.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Arsenic   | 215           |   | 2.56  | 10.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Barium    | 2280          |   | 7.28  | 50.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Beryllium | 9.65          |   | 0.28  | 3.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Cadmium   | 12.2          |   | 0.25  | 3.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Calcium   | 435000        |   | 117   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Chromium  | 135           |   | 1.06  | 5.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Cobalt    | 201           |   | 1.13  | 15.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Copper    | 210           |   | 2.30  | 10.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Iron      | 191000        |   | 11.7  | 50.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Lead      | 142           |   | 1.15  | 6.00 | ug/L  |
| Q3172-01                | FW7D      | Water  | Magnesium | 105000        |   | 122   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Manganese | 8680          |   | 2.97  | 10.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Mercury   | 0.72          |   | 0.076 | 0.20 | ug/L  |
| Q3172-01                | FW7D      | Water  | Nickel    | 392           |   | 1.53  | 20.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Potassium | 43000         |   | 459   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Sodium    | 98300         |   | 434   | 1000 | ug/L  |
| Q3172-01                | FW7D      | Water  | Vanadium  | 190           |   | 3.13  | 20.0 | ug/L  |
| Q3172-01                | FW7D      | Water  | Zinc      | 751           |   | 8.33  | 20.0 | ug/L  |
| <b>Client ID : FW6D</b> |           |        |           |               |   |       |      |       |
| Q3172-02                | FW6D      | Water  | Aluminum  | 610           |   | 5.67  | 50.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Arsenic   | 30.0          |   | 2.56  | 10.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Barium    | 117           |   | 7.28  | 50.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Cadmium   | 0.36          | J | 0.25  | 3.00 | ug/L  |
| Q3172-02                | FW6D      | Water  | Calcium   | 42300         |   | 117   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Chromium  | 3.33          | J | 1.06  | 5.00 | ug/L  |
| Q3172-02                | FW6D      | Water  | Cobalt    | 2.59          | J | 1.13  | 15.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Copper    | 47.6          |   | 2.30  | 10.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Iron      | 13800         |   | 11.7  | 50.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Lead      | 6.17          |   | 1.15  | 6.00 | ug/L  |
| Q3172-02                | FW6D      | Water  | Magnesium | 3980          |   | 122   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Manganese | 892           |   | 2.97  | 10.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Mercury   | 0.087         | J | 0.076 | 0.20 | ug/L  |
| Q3172-02                | FW6D      | Water  | Nickel    | 5.26          | J | 1.53  | 20.0 | ug/L  |
| Q3172-02                | FW6D      | Water  | Potassium | 10600         |   | 459   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Sodium    | 19600         |   | 434   | 1000 | ug/L  |
| Q3172-02                | FW6D      | Water  | Zinc      | 117           |   | 8.33  | 20.0 | ug/L  |