

# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** c395,p1298,1542,q2921,2920,k5

**Collected By:** SCOTT

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 2/26/2002 AT 8:30:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

## Report

### Sample No. AE04799

| Method                           | Test Description | Results | Units | MDL  | Analyzed on | Validator |
|----------------------------------|------------------|---------|-------|------|-------------|-----------|
| <b>Inorganics</b>                |                  |         |       |      |             |           |
| <u>ICPMS Metals for NEWE New</u> |                  |         |       |      |             |           |
| EPA94                            | Antimony         | < MDL   | ug/L  | 0.1  | 3/22/2002   | PAD       |
| EPA94                            | Arsenic          | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                            | Barium           | 14.8    | ug/L  | 0.1  | 3/22/2002   | PAD       |
| EPA94                            | Beryllium        | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                            | Cadmium          | < MDL   | ug/L  | 0.2  | 3/22/2002   | PAD       |
| EPA94                            | Chromium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Copper           | 1.2     | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Lead             | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Manganese        | 19.4    | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Nickel           | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Selenium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Silver           | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                            | Thallium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Zinc             | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94200.                        | Aluminum         | < MDL   | ug/L  | 50.0 | 4/8/2002    | PAD       |
| EPA94                            | Cobalt           | < MDL   | ug/L  | 20.0 | 4/8/2002    | PAD       |
| EPA94                            | Iron             | 35      | ug/L  | 20.0 | 4/8/2002    | PAD       |
| EPA79                            | Mercury          | < MDL   | ug/L  | 0.40 | 3/1/2002    | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

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**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AE04799

| Method | Test Description         | Results   | Units | MDL  | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|------|-------------|-----------|
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0 | 4/8/2002    | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |      | 3/1/2002    | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100  | 3/6/2002    | PAD       |

### Organics

#### Volatile Organic Compounds

|       |                           |       |      |     |          |    |
|-------|---------------------------|-------|------|-----|----------|----|
| 524.2 | *THM-Bromodichloromethane | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 3/5/2002 | SV |
| 524.2 | *THM-Chloroform           | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 3/5/2002 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1,1- trichloroethane    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1,2,2-tetrachloroethane | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1,2-trichloroethane     | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1-dichloroethane        | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1-Dichloroethene        | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1-dichloropropene       | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,3-trichlorobenzene    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,3-trichloropropane    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,4-trichlorobenzene    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,4-trimethylbenzene    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |

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QA Officer

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**Received EP**

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**Collected By:** SCOTT

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 2/26/2002 AT 8:30:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

## Report

### Sample No. AE04799

| Method | Test Description        | Results | Units | MDL | Analyzed on | Validator |
|--------|-------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,2-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,2-dichloroethane      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,2-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3,5-trimethylbenzene  | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,4-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 2,2-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 2-butanone (MEK)        | < MDL   | ug/L  | 2.0 | 3/5/2002    | SV        |
| 524.2  | 2-chlorotoluene         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 4-chlorotoluene         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Benzene                 | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromobenzene            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromochloromethane      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromomethane            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Carbon tetrachloride    | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chlorobenzene           | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chloroethane            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chloromethane           | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | cis-1,2-dichloroethene  | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | cis-1,3-dichloropropene | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Dibromomethane          | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |

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**Bottle** c395,p1298,1542,q2921,2920,k5

**Collected By:** SCOTT

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 2/26/2002 AT 8:30:00

**Submitted** 2/27/2002 AT 2:23:00

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**PWS No.:**

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| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 3/5/2002    | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 3/5/2002    | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | P-isopropyltoluene             | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | SEC-butylbenzene               | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Styrene                        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | TERT-butylbenzene              | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Tetrachloroethene              | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Toluene                        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | trans-1,2-dichloroethene       | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | trans-1,3-dichloropropene      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Trichloroethene                | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Trichlorofluoromethane         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |

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| Method                        | Test Description        | Results | Units | MDL | Analyzed on | Validator |
|-------------------------------|-------------------------|---------|-------|-----|-------------|-----------|
| 524.2                         | Vinyl chloride          | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| <b>GCMS Scan For Unknowns</b> |                         |         |       |     |             |           |
|                               | Other unknown compounds | .       | ug/L  |     | 4/4/2002    | DLV       |

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

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VALHALLA, N.Y.

Attention: Steve Schindler

**Received** EP

**Bottle** c289,p2713,2743,q2900,2901,k1

**Collected By:** WAGNER

**Comment:**

**Sample** CROGH

**ID of Source:**

**Collection** 2/26/2002 AT 9:10:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AE04800

| Method                      | Test Description | Results | Units | MDL  | Analyzed on | Validator |
|-----------------------------|------------------|---------|-------|------|-------------|-----------|
| <b>Inorganics</b>           |                  |         |       |      |             |           |
| <u>ICPMS Metals for NEW</u> |                  |         |       |      |             |           |
| EPA94                       | Antimony         | < MDL   | ug/L  | 0.1  | 3/22/2002   | PAD       |
| EPA94                       | Arsenic          | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                       | Barium           | 28.2    | ug/L  | 0.1  | 3/22/2002   | PAD       |
| EPA94                       | Beryllium        | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                       | Cadmium          | < MDL   | ug/L  | 0.2  | 3/22/2002   | PAD       |
| EPA94                       | Chromium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                       | Copper           | 1.2     | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                       | Lead             | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                       | Manganese        | 66.7    | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                       | Nickel           | 1.1     | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                       | Selenium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                       | Silver           | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                       | Thallium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                       | Zinc             | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94200.                   | Aluminum         | < MDL   | ug/L  | 50.0 | 4/8/2002    | PAD       |
| EPA94                       | Cobalt           | < MDL   | ug/L  | 20.0 | 4/8/2002    | PAD       |
| EPA94                       | Iron             | 54      | ug/L  | 20.0 | 4/8/2002    | PAD       |
| EPA79                       | Mercury          | < MDL   | ug/L  | 0.40 | 3/1/2002    | PAD       |

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**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

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| Method | Test Description         | Results   | Units | MDL  | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|------|-------------|-----------|
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0 | 4/8/2002    | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |      | 3/1/2002    | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100  | 3/6/2002    | PAD       |

### Organics

#### Volatile Organic Compounds

|       |                           |       |      |     |          |    |
|-------|---------------------------|-------|------|-----|----------|----|
| 524.2 | *THM-Bromodichloromethane | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 3/5/2002 | SV |
| 524.2 | *THM-Chloroform           | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 3/5/2002 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1,1-trichloroethane     | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1,2,2-tetrachloroethane | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1,2-trichloroethane     | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1-dichloroethane        | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1-Dichloroethene        | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,1-dichloropropene       | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,3-trichlorobenzene    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,3-trichloropropane    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,4-trichlorobenzene    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |
| 524.2 | 1,2,4-trimethylbenzene    | < MDL | ug/L | 0.5 | 3/5/2002 | SV |

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QA Officer

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**Sample Type:** POT\_DW

**PWS No.:**

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**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AE04800

| Method | Test Description        | Results | Units | MDL | Analyzed on | Validator |
|--------|-------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,2-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,2-dichloroethane      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,2-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3,5-trimethylbenzene  | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,4-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 2,2-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 2-butanone (MEK)        | < MDL   | ug/L  | 2.0 | 3/5/2002    | SV        |
| 524.2  | 2-chlorotoluene         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 4-chlorotoluene         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Benzene                 | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromobenzene            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromochloromethane      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromomethane            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Carbon tetrachloride    | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chlorobenzene           | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chloroethane            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chloromethane           | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | cis-1,2-dichloroethene  | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | cis-1,3-dichloropropene | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Dibromomethane          | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

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**NYS ELAP # 10108**

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# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** c289,p2713,2743,q2900,2901,k1

**Collected By:** WAGNER

**Comment:**

**Sample** CROGH

**ID of Source:**

**Collection** 2/26/2002 AT 9:10:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

## Report

### Sample No. AE04800

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 3/5/2002    | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 3/5/2002    | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | P-isopropyltoluene             | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | SEC-butylbenzene               | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Styrene                        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | TERT-butylbenzene              | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Tetrachloroethene              | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Toluene                        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | trans-1,2-dichloroethene       | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | trans-1,3-dichloropropene      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Trichloroethene                | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Trichlorofluoromethane         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

**Environmental Laboratories**

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**NYS ELAP # 10108**

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# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** c289,p2713,2743,q2900,2901,k1

**Collected By:** WAGNER

**Comment:**

**Sample** CROGH

**ID of Source:**

**Collection** 2/26/2002 AT 9:10:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

**Report**

**Sample No. AE04800**

| Method                        | Test Description        | Results | Units | MDL | Analyzed on | Validator |
|-------------------------------|-------------------------|---------|-------|-----|-------------|-----------|
| 524.2                         | Vinyl chloride          | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| <u>GCMS Scan For Unknowns</u> |                         |         |       |     |             |           |
|                               | Other unknown compounds | .       | ug/L  |     | 4/4/2002    | DLV       |

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

**Approved Pam Dilsizian**

**QA Officer**

**Date Approved:** 4/8/2002

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# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** c9887,p2730,2719,q2915,2918,k

**Collected By:** SCOTT

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 2/26/2002 AT 8:06:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AE04801

| Method                           | Test Description | Results | Units | MDL  | Analyzed on | Validator |
|----------------------------------|------------------|---------|-------|------|-------------|-----------|
| <b>Inorganics</b>                |                  |         |       |      |             |           |
| <u>ICPMS Metals for NEWE New</u> |                  |         |       |      |             |           |
| EPA94                            | Antimony         | < MDL   | ug/L  | 0.1  | 3/22/2002   | PAD       |
| EPA94                            | Arsenic          | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                            | Barium           | 14.4    | ug/L  | 0.1  | 3/22/2002   | PAD       |
| EPA94                            | Beryllium        | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                            | Cadmium          | < MDL   | ug/L  | 0.2  | 3/22/2002   | PAD       |
| EPA94                            | Chromium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Copper           | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Lead             | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Manganese        | 21.1    | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Nickel           | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Selenium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Silver           | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94                            | Thallium         | < MDL   | ug/L  | 1.0  | 3/22/2002   | PAD       |
| EPA94                            | Zinc             | < MDL   | ug/L  | 2.0  | 3/22/2002   | PAD       |
| EPA94200.                        | Aluminum         | < MDL   | ug/L  | 50.0 | 4/8/2002    | PAD       |
| EPA94                            | Cobalt           | < MDL   | ug/L  | 20.0 | 4/8/2002    | PAD       |
| EPA94                            | Iron             | 30      | ug/L  | 20.0 | 4/8/2002    | PAD       |
| EPA79                            | Mercury          | < MDL   | ug/L  | 0.40 | 3/1/2002    | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

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**NYS ELAP # 10108**

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# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** c9887,p2730,2719,q2915,2918,k

**Collected By:** SCOTT

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 2/26/2002 AT 8:06:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

## Report

### Sample No. AE04801

| Method                            | Test Description          | Results   | Units | MDL  | Analyzed on | Validator |
|-----------------------------------|---------------------------|-----------|-------|------|-------------|-----------|
| EPA94                             | Molybdenum                | < MDL     | ug/L  | 50.0 | 4/8/2002    | PAD       |
| EPA'79                            | Potable Metals Digestion  | Completed |       |      | 3/1/2002    | PAD       |
| SM18                              | Tin                       | < MDL     | ug/L  | 100  | 3/6/2002    | PAD       |
| <b>Organics</b>                   |                           |           |       |      |             |           |
| <b>Volatile Organic Compounds</b> |                           |           |       |      |             |           |
| 524.2                             | *THM-Bromodichloromethane | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | *THM-Bromoform            | < MDL     | ug/L  | 2.0  | 3/5/2002    | SV        |
| 524.2                             | *THM-Chloroform           | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | *THM-Dibromochloromethane | < MDL     | ug/L  | 2.0  | 3/5/2002    | SV        |
| 524.2                             | 1,1,1,2-tetrachloroethane | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,1,1-trichloroethane     | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,1,2,2-tetrachloroethane | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,1,2-trichloroethane     | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,1-dichloroethane        | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,1-Dichloroethene        | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,1-dichloropropene       | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,2,3-trichlorobenzene    | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,2,3-trichloropropane    | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,2,4-trichlorobenzene    | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |
| 524.2                             | 1,2,4-trimethylbenzene    | < MDL     | ug/L  | 0.5  | 3/5/2002    | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

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# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** c9887,p2730,2719,q2915,2918,k

**Collected By:** SCOTT

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 2/26/2002 AT 8:06:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

## Report

### Sample No. AE04801

| Method | Test Description        | Results | Units | MDL | Analyzed on | Validator |
|--------|-------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,2-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,2-dichloroethane      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,2-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3,5-trimethylbenzene  | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,3-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 1,4-dichlorobenzene     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 2,2-dichloropropane     | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 2-butanone (MEK)        | < MDL   | ug/L  | 2.0 | 3/5/2002    | SV        |
| 524.2  | 2-chlorotoluene         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | 4-chlorotoluene         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Benzene                 | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromobenzene            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromochloromethane      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Bromomethane            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Carbon tetrachloride    | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chlorobenzene           | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chloroethane            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Chloromethane           | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | cis-1,2-dichloroethene  | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | cis-1,3-dichloropropene | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Dibromomethane          | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

**Environmental Laboratories**

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# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** c9887,p2730,2719,q2915,2918,k

**Collected By:** SCOTT

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 2/26/2002 AT 8:06:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AE04801

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 3/5/2002    | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 3/5/2002    | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | P-isopropyltoluene             | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | SEC-butylbenzene               | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Styrene                        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | TERT-butylbenzene              | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Tetrachloroethene              | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Toluene                        | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | trans-1,2-dichloroethene       | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | trans-1,3-dichloropropene      | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Trichloroethene                | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| 524.2  | Trichlorofluoromethane         | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

**Environmental Laboratories**

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**NYS ELAP # 10108**

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# REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York

**Agency:** NYCDEP Bureau Water  
465 Columbus Ave.  
Valhalla, NY 10595

**Sample** NYC DEP  
19 WESTLAKE ROAD  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received** EP

**Bottle** c9887,p2730,2719,q2915,2918,k

**Collected By:** SCOTT

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 2/26/2002 AT 8:06:00

**Submitted** 2/27/2002 AT 2:23:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AE04801

| Method                        | Test Description        | Results | Units | MDL | Analyzed on | Validator |
|-------------------------------|-------------------------|---------|-------|-----|-------------|-----------|
| 524.2                         | Vinyl chloride          | < MDL   | ug/L  | 0.5 | 3/5/2002    | SV        |
| <u>GCMS Scan For Unknowns</u> |                         |         |       |     |             |           |
|                               | Other unknown compounds | .       | ug/L  |     | 4/4/2002    | DLV       |

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 4/8/2002

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Original 4/8/2002

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