

# 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

Attention: Steve Schindler

**Received EP**

**Bottle** c414,p2071,251,276,q2130,9938,

**Collected By:** DS

**Comment:**

**Sample** NYC DEP  
19 WEST LAKE DRIVE  
VALHALLA, N.Y.

**Sample** CROGH

**ID of Source:**

**Collection** 11/2/2001 AT 9:50:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AD26991

| Method            | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|-------------------|--------------------------|-----------|-------|--------|-------------|-----------|
| <b>Inorganics</b> |                          |           |       |        |             |           |
| EPA94             | Beryllium                | < MDL     | ug/L  | 2      | 11/21/2001  | PAD       |
| EPA94             | Calcium                  | 24000     | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA94             | Cobalt                   | < MDL     | ug/L  | 20.0   | 11/21/2001  | PAD       |
| EPA94             | Iron                     | 52        | ug/L  | 20.0   | 11/21/2001  | PAD       |
| SM18              | Potassium                | 2600      | ug/L  | 100.0  | 11/19/2001  | PAD       |
| EPA94             | Magnesium                | 8100      | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA94             | Manganese                | 56        | ug/L  | 20.0   | 11/21/2001  | PAD       |
| EPA94             | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/21/2001  | PAD       |
| EPA94             | Sodium                   | 27000     | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA'79            | Potable Metals Digestion | Completed |       |        | 11/9/2001   | PAD       |
| SM18              | Antimony                 | < MDL     | ug/L  | 6      | 11/23/2001  | PAD       |
| SM18              | Tin                      | < MDL     | ug/L  | 100    | 11/14/2001  | PAD       |
| SM18              | Titanium                 | < MDL     | ug/L  | 100    | 11/13/2001  | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

**Environmental Laboratories**

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**Sample chilled on arrival? :** yes

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### Sample No. AD26991

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| EPA94                            | Thallium           | < MDL   | ug/L  | 2     | 11/20/2001  | PAD       |
| EPA94                            | Vanadium           | < MDL   | ug/L  | 20.0  | 11/21/2001  | PAD       |
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 11/8/2001   | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 11/8/2001   | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 11/8/2001   | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 11/8/2001   | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 11/8/2001   | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 11/8/2001   | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 11/8/2001   | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 11/8/2001   | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 11/8/2001   | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 11/8/2001   | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 11/8/2001   | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 11/8/2001   | DLV       |

Recoveries for 2 of the 11 compounds in the LCS Standard were above their acceptance ranges. The recovery for 1 of the 11 compounds in the Spiked Sample was above its acceptance range.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | < MDL | ug/L | 0.5 | 11/15/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 11/15/2001 | SV |
| 524.2 | *THM-Chloroform           | < MDL | ug/L | 0.5 | 11/15/2001 | SV |

**Approved Pam Dilsizian**

**QA Officer**

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**Sample chilled on arrival?** : yes

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### Sample No. AD26991

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | *THM-Dibromochloromethane | < MDL   | ug/L  | 2.0 | 11/15/2001  | SV        |
| 524.2  | 1,1,1,2-tetrachloroethane | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1,1- trichloroethane    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 11/15/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |

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| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 4-chlorotoluene                | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Benzene                        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Bromobenzene                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 11/15/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 11/15/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |

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|----------------------------------|---------------------------|---------|-------|------|-------------|-----------|
| 524.2                            | O-xylene                  | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | P & M-xylene              | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | P-isopropyltoluene        | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | SEC-butylbenzene          | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | Styrene                   | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | TERT-butylbenzene         | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | Tetrachloroethene         | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | Toluene                   | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | trans-1,2-dichloroethene  | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | trans-1,3-dichloropropene | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | Trichloroethene           | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | Trichlorofluoromethane    | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| 524.2                            | Vinyl chloride            | < MDL   | ug/L  | 0.5  | 11/15/2001  | SV        |
| <b>Organic Chemicals - 525.2</b> |                           |         |       |      |             |           |
|                                  | 2,4-Dinitrotoluene        | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |
|                                  | 2,6-Dinitrotoluene        | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |
|                                  | 4,4-DDE                   | < MDL   | ug/L  | 0.80 | 11/13/2001  | DLV       |
|                                  | Acetochlor                | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |
|                                  | Alachlor                  | < MDL   | ug/L  | 0.20 | 11/13/2001  | DLV       |
|                                  | Atrazine                  | < MDL   | ug/L  | 0.20 | 11/13/2001  | DLV       |
|                                  | Benzo(a)pyrene            | < MDL   | ug/L  | 0.20 | 11/13/2001  | DLV       |
|                                  | bis(2-Ethylhexyl)adipate  | < MDL   | ug/L  | 0.60 | 11/13/2001  | DLV       |

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**Collected By:** DS

**Comment:**

**Sample** CROGH

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**Submitted** 11/2/2001 AT 12:58:00

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**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

**Report**

## Sample No. AD26991

| Method | Test Description           | Results | Units | MDL  | Analyzed on | Validator |
|--------|----------------------------|---------|-------|------|-------------|-----------|
|        | bis(2-Ethylhexyl)phthalate | 0.99    | ug/L  | 0.60 | 11/13/2001  | DLV       |
|        | Butachlor                  | < MDL   | ug/L  | 0.40 | 11/13/2001  | DLV       |
|        | EPTC                       | < MDL   | ug/L  | 1.0  | 11/13/2001  | DLV       |
|        | Hexachlorobenzene          | < MDL   | ug/L  | 0.10 | 11/13/2001  | DLV       |
|        | Hexachlorocyclopentadiene  | < MDL   | ug/L  | 0.10 | 11/13/2001  | DLV       |
|        | Metolachlor                | < MDL   | ug/L  | 0.75 | 11/13/2001  | DLV       |
|        | Metribuzin                 | < MDL   | ug/L  | 0.15 | 11/13/2001  | DLV       |
|        | Molinate                   | < MDL   | ug/L  | 0.90 | 11/13/2001  | DLV       |
|        | Simazine                   | < MDL   | ug/L  | 0.40 | 11/13/2001  | DLV       |
|        | Terbacil                   | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |

The recoveries for 5 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 48%.

### GCMS Scan For Unknowns

|                         |      |            |     |
|-------------------------|------|------------|-----|
| Other unknown compounds | ug/L | 12/11/2001 | DLV |
|-------------------------|------|------------|-----|

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

**Approved Pam Dilsizian**

**QA Officer**

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Attention: Steve Schindler

**Received EP**

**Bottle** q2131,137,33,2051,p2059,267,20

**Collected By:** DS

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 11/2/2001 AT 6:45:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

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|--------------------------|--------------------------|-----------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                          |           |       |        |             |           |
| EPA94                    | Beryllium                | < MDL     | ug/L  | 2      | 11/21/2001  | PAD       |
| EPA94                    | Calcium                  | 5800      | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA94                    | Cobalt                   | < MDL     | ug/L  | 20.0   | 11/21/2001  | PAD       |
| EPA94                    | Iron                     | 29        | ug/L  | 20.0   | 11/21/2001  | PAD       |
| SM18                     | Potassium                | 520       | ug/L  | 100.0  | 11/14/2001  | PAD       |
| EPA94                    | Magnesium                | 1300      | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA94                    | Manganese                | 24        | ug/L  | 20.0   | 11/21/2001  | PAD       |
| EPA94                    | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/21/2001  | PAD       |
| EPA94                    | Sodium                   | 4200      | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA'79                   | Potable Metals Digestion | Completed |       |        | 11/9/2001   | PAD       |
| SM18                     | Antimony                 | < MDL     | ug/L  | 6      | 11/23/2001  | PAD       |
| SM18                     | Tin                      | < MDL     | ug/L  | 100    | 11/14/2001  | PAD       |
| SM18                     | Titanium                 | < MDL     | ug/L  | 100    | 11/13/2001  | PAD       |

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**Collected By:** DS

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 11/2/2001 AT 6:45:00

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**Sample Type:** POT\_DW

**PWS No.:**

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**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AD26992

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| EPA94                            | Thallium           | < MDL   | ug/L  | 2     | 11/20/2001  | PAD       |
| EPA94                            | Vanadium           | < MDL   | ug/L  | 20.0  | 11/21/2001  | PAD       |
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 11/8/2001   | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 11/8/2001   | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 11/8/2001   | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 11/8/2001   | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 11/8/2001   | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 11/8/2001   | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 11/8/2001   | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 11/8/2001   | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 11/8/2001   | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 11/8/2001   | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 11/8/2001   | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 11/8/2001   | DLV       |

Recoveries for 2 of the 11 compounds in the LCS Standard were above their acceptance ranges. The recovery for 1 of the 11 compounds in the Spiked Sample was above its acceptance range. The recovery for the Surrogate Standard in this sample was below its acceptance range.

### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | < MDL | ug/L | 0.5 | 11/15/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 11/15/2001 | SV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

**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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** q2131,137,33,2051,p2059,267,20

**Collected By:** DS

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 11/2/2001 AT 6:45:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AD26992

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | *THM-Chloroform           | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | *THM-Dibromochloromethane | < MDL   | ug/L  | 2.0 | 11/15/2001  | SV        |
| 524.2  | 1,1,1,2-tetrachloroethane | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1,1-trichloroethane     | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 11/15/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

**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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** q2131,137,33,2051,p2059,267,20

**Collected By:** DS

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 11/2/2001 AT 6:45:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

**Report**

## Sample No. AD26992

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 2-chlorotoluene                | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | 4-chlorotoluene                | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Benzene                        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Bromobenzene                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 11/15/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 11/15/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

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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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** q2131,137,33,2051,p2059,267,20

**Collected By:** DS

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 11/2/2001 AT 6:45:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

## Report

### Sample No. AD26992

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Naphthalene               | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | O-xylene                  | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | P & M-xylene              | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | P-isopropyltoluene        | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | SEC-butylbenzene          | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Styrene                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | TERT-butylbenzene         | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Tetrachloroethene         | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Toluene                   | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | trans-1,2-dichloroethene  | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | trans-1,3-dichloropropene | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Trichloroethene           | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Trichlorofluoromethane    | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |
| 524.2  | Vinyl chloride            | < MDL   | ug/L  | 0.5 | 11/15/2001  | SV        |

ACETONE FOUND IN THIS SAMPLE AT 12 ug/L. ACETONE IN FIELD BLANKS IS 78 AND 94 ug/L.

#### Organic Chemicals - 525.2

|                    |       |      |      |            |     |
|--------------------|-------|------|------|------------|-----|
| 2,4-Dinitrotoluene | < MDL | ug/L | 2.0  | 11/13/2001 | DLV |
| 2,6-Dinitrotoluene | < MDL | ug/L | 2.0  | 11/13/2001 | DLV |
| 4,4-DDE            | < MDL | ug/L | 0.80 | 11/13/2001 | DLV |
| Acetochlor         | < MDL | ug/L | 2.0  | 11/13/2001 | DLV |
| Alachlor           | < MDL | ug/L | 0.20 | 11/13/2001 | DLV |
| Atrazine           | < MDL | ug/L | 0.20 | 11/13/2001 | DLV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

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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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** q2131,137,33,2051,p2059,267,20

**Collected By:** DS

**Comment:**

**Sample** DEL18

**ID of Source:**

**Collection** 11/2/2001 AT 6:45:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

**Report**

## Sample No. AD26992

| Method | Test Description           | Results | Units | MDL  | Analyzed on | Validator |
|--------|----------------------------|---------|-------|------|-------------|-----------|
|        | Benzo(a)pyrene             | < MDL   | ug/L  | 0.20 | 11/13/2001  | DLV       |
|        | bis(2-Ethylhexyl)adipate   | < MDL   | ug/L  | 0.60 | 11/13/2001  | DLV       |
|        | bis(2-Ethylhexyl)phthalate | 0.98    | ug/L  | 0.60 | 11/13/2001  | DLV       |
|        | Butachlor                  | < MDL   | ug/L  | 0.40 | 11/13/2001  | DLV       |
|        | EPTC                       | < MDL   | ug/L  | 1.0  | 11/13/2001  | DLV       |
|        | Hexachlorobenzene          | < MDL   | ug/L  | 0.10 | 11/13/2001  | DLV       |
|        | Hexachlorocyclopentadiene  | < MDL   | ug/L  | 0.10 | 11/13/2001  | DLV       |
|        | Metolachlor                | < MDL   | ug/L  | 0.75 | 11/13/2001  | DLV       |
|        | Metribuzin                 | < MDL   | ug/L  | 0.15 | 11/13/2001  | DLV       |
|        | Molinate                   | < MDL   | ug/L  | 0.90 | 11/13/2001  | DLV       |
|        | Simazine                   | < MDL   | ug/L  | 0.40 | 11/13/2001  | DLV       |
|        | Terbacil                   | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |

The recoveries for 5 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 48%.

### GCMS Scan For Unknowns

|                         |   |      |            |     |
|-------------------------|---|------|------------|-----|
| Other unknown compounds | . | ug/L | 12/11/2001 | DLV |
|-------------------------|---|------|------------|-----|

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

**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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** p683,685,584,c518,q518,539,543

**Collected By:** DS

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 11/2/2001 AT 6:25:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AD26993

| Method                   | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------------------------|--------------------------|-----------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                          |           |       |        |             |           |
| EPA94                    | Beryllium                | < MDL     | ug/L  | 2      | 11/21/2001  | PAD       |
| EPA94                    | Calcium                  | 5700      | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA94                    | Cobalt                   | < MDL     | ug/L  | 20.0   | 11/21/2001  | PAD       |
| EPA94                    | Iron                     | 31        | ug/L  | 20.0   | 11/21/2001  | PAD       |
| SM18                     | Potassium                | 520       | ug/L  | 100.0  | 11/14/2001  | PAD       |
| EPA94                    | Magnesium                | 1200      | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA94                    | Manganese                | 24        | ug/L  | 20.0   | 11/21/2001  | PAD       |
| EPA94                    | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/21/2001  | PAD       |
| EPA94                    | Sodium                   | 4200      | ug/L  | 1000.0 | 11/21/2001  | PAD       |
| EPA'79                   | Potable Metals Digestion | Completed |       |        | 11/9/2001   | PAD       |
| SM18                     | Antimony                 | < MDL     | ug/L  | 6      | 11/23/2001  | PAD       |
| SM18                     | Tin                      | < MDL     | ug/L  | 100    | 11/14/2001  | PAD       |
| SM18                     | Titanium                 | < MDL     | ug/L  | 100    | 11/13/2001  | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 1 of 6

# 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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** p683,685,584,c518,q518,539,543

**Collected By:** DS

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 11/2/2001 AT 6:25:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AD26993

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| EPA94                            | Thallium           | < MDL   | ug/L  | 2     | 11/20/2001  | PAD       |
| EPA94                            | Vanadium           | < MDL   | ug/L  | 20.0  | 11/21/2001  | PAD       |
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 11/8/2001   | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 11/8/2001   | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 11/8/2001   | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 11/8/2001   | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 11/8/2001   | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 11/8/2001   | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 11/8/2001   | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 11/8/2001   | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 11/8/2001   | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 11/8/2001   | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 11/8/2001   | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 11/8/2001   | DLV       |

Recoveries for 2 of the 11 compounds in the LCS Standard were above their acceptance ranges. The recovery for 1 of the 11 compounds in the Spiked Sample was above its acceptance range.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | < MDL | ug/L | 0.5 | 11/14/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 11/14/2001 | SV |
| 524.2 | *THM-Chloroform           | < MDL | ug/L | 0.5 | 11/14/2001 | SV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 1/4/2002

**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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler  
**Received EP**

**Sample** CATLEFF  
**ID of Source:**  
**Collection** 11/2/2001 AT 6:25:00  
**Submitted** 11/2/2001 AT 12:58:00

**Bottle** p683,685,584,c518,q518,539,543  
**Collected By:** DS  
**Comment:**

**Sample Type:** POT\_DW  
**PWS No.:**  
**Source Code:** 000

**Type Descriptor:**  
**Sample chilled on arrival? :** yes

## Report

### Sample No. AD26993

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | *THM-Dibromochloromethane | < MDL   | ug/L  | 2.0 | 11/14/2001  | SV        |
| 524.2  | 1,1,1,2-tetrachloroethane | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,1,1- trichloroethane    | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 11/14/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |

**Approved Pam Dilsizian**

**QA Officer**

**Date Approved:** 1/4/2002

**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 WEST LAKE DRIVE  
VALHALLA, N.Y.

Attention: Steve Schindler

**Received EP**

**Bottle** p683,685,584,c518,q518,539,543

**Collected By:** DS

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 11/2/2001 AT 6:25:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

## Report

### Sample No. AD26993

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 4-chlorotoluene                | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Benzene                        | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Bromobenzene                   | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 11/14/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 11/14/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | 0.5 | 11/14/2001  | SV        |

**Approved** Pam Dilsizian

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**Attention:** Steve Schindler  
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**Collected By:** DS

**Comment:**

**Sample** CATLEFF

**ID of Source:**

**Collection** 11/2/2001 AT 6:25:00

**Submitted** 11/2/2001 AT 12:58:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival? :** yes

## Report

### Sample No. AD26993

| Method                           | Test Description          | Results | Units | MDL  | Analyzed on | Validator |
|----------------------------------|---------------------------|---------|-------|------|-------------|-----------|
| 524.2                            | O-xylene                  | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | P & M-xylene              | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | P-isopropyltoluene        | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | SEC-butylbenzene          | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | Styrene                   | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | TERT-butylbenzene         | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | Tetrachloroethene         | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | Toluene                   | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | trans-1,2-dichloroethene  | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | trans-1,3-dichloropropene | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | Trichloroethene           | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | Trichlorofluoromethane    | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| 524.2                            | Vinyl chloride            | < MDL   | ug/L  | 0.5  | 11/14/2001  | SV        |
| <b>Organic Chemicals - 525.2</b> |                           |         |       |      |             |           |
|                                  | 2,4-Dinitrotoluene        | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |
|                                  | 2,6-Dinitrotoluene        | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |
|                                  | 4,4-DDE                   | < MDL   | ug/L  | 0.80 | 11/13/2001  | DLV       |
|                                  | Acetochlor                | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |
|                                  | Alachlor                  | < MDL   | ug/L  | 0.20 | 11/13/2001  | DLV       |
|                                  | Atrazine                  | < MDL   | ug/L  | 0.20 | 11/13/2001  | DLV       |
|                                  | Benzo(a)pyrene            | < MDL   | ug/L  | 0.20 | 11/13/2001  | DLV       |
|                                  | bis(2-Ethylhexyl)adipate  | < MDL   | ug/L  | 0.60 | 11/13/2001  | DLV       |

**Approved** Pam Dilsizian

**QA Officer**

**Date Approved:** 1/4/2002

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**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:** 000

**Type Descriptor:**

**Sample chilled on arrival?** : yes

**Report**

## Sample No. AD26993

| Method | Test Description           | Results | Units | MDL  | Analyzed on | Validator |
|--------|----------------------------|---------|-------|------|-------------|-----------|
|        | bis(2-Ethylhexyl)phthalate | 0.62    | ug/L  | 0.60 | 11/13/2001  | DLV       |
|        | Butachlor                  | < MDL   | ug/L  | 0.40 | 11/13/2001  | DLV       |
|        | EPTC                       | < MDL   | ug/L  | 1.0  | 11/13/2001  | DLV       |
|        | Hexachlorobenzene          | < MDL   | ug/L  | 0.10 | 11/13/2001  | DLV       |
|        | Hexachlorocyclopentadiene  | < MDL   | ug/L  | 0.10 | 11/13/2001  | DLV       |
|        | Metolachlor                | < MDL   | ug/L  | 0.75 | 11/13/2001  | DLV       |
|        | Metribuzin                 | < MDL   | ug/L  | 0.15 | 11/13/2001  | DLV       |
|        | Molinate                   | < MDL   | ug/L  | 0.90 | 11/13/2001  | DLV       |
|        | Simazine                   | < MDL   | ug/L  | 0.40 | 11/13/2001  | DLV       |
|        | Terbacil                   | < MDL   | ug/L  | 2.0  | 11/13/2001  | DLV       |

The recoveries for 5 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. The recoveries for 3 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The breakdown for Endrin in the Breakdown Standard was 48%.

### GCMS Scan For Unknowns

|                         |      |          |     |
|-------------------------|------|----------|-----|
| Other unknown compounds | ug/L | 7/7/1998 | DLV |
|-------------------------|------|----------|-----|

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

**Approved** Pam Dilsizian

**QA Officer**

**Date Approved:** 1/4/2002

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