

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 8305,8300,8309,c366,159,9411,1

**Collected By:** YACOB

**Comment:**

**Sample** BRONX

**Sample** 3

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25839

| Method                   | Test Description | Results | Units | MDL    | Analyzed on | Validator |
|--------------------------|------------------|---------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                  |         |       |        |             |           |
| EPA94                    | Silver           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94200.                | Aluminum         | < MDL   | ug/L  | 50.0   | 11/9/2001   | PAD       |
| SM18                     | Arsenic          | < MDL   | ug/L  | 20     | 10/23/2001  | PAD       |
| EPA94                    | Barium           | < MDL   | ug/L  | 200.0  | 11/9/2001   | PAD       |
| EPA94                    | Beryllium        | < MDL   | ug/L  | 2      | 11/9/2001   | PAD       |
| EPA94                    | Calcium          | 5900    | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94                    | Cadmium          | < MDL   | ug/L  | 2.0    | 11/9/2001   | PAD       |
| EPA94                    | Cobalt           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Chromium         | < MDL   | ug/L  | 10.0   | 11/9/2001   | PAD       |
| EPA94                    | Copper           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Iron             | 21      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA79                    | Mercury          | < MDL   | ug/L  | 0.40   | 10/22/2001  | PAD       |
| SM18                     | Potassium        | 520     | ug/L  | 100.0  | 10/31/2001  | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 1 of 7

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**Sample chilled on arrival?** : YES

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### Sample No. AD25839

| Method | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|--------|-------------|-----------|
| EPA94  | Magnesium                | 1300      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Manganese                | 24        | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/9/2001   | PAD       |
| EPA94  | Sodium                   | 7500      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Nickel                   | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| SM18   | Lead                     | < MDL     | ug/L  | 1.0    | 10/25/2001  | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |        | 10/26/2001  | PAD       |
| SM18   | Antimony                 | < MDL     | ug/L  | 6      | 11/8/2001   | PAD       |
| SM18   | Selenium                 | < MDL     | ug/L  | 2      | 11/5/2001   | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100    | 10/30/2001  | PAD       |
| SM18   | Titanium                 | < MDL     | ug/L  | 100    | 11/1/2001   | PAD       |
| EPA94  | Thallium                 | < MDL     | ug/L  | 2      | 10/30/2001  | PAD       |
| EPA94  | Vanadium                 | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Zinc                     | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |

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Page 2 of 7

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**Collected By:** YACOB

**Comment:**

**Sample** BRONX

**Sample** 3

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25839

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 10/30/2001  | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 10/30/2001  | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 10/30/2001  | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 10/30/2001  | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 10/30/2001  | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 10/30/2001  | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |

Recoveries for 2 of the 9 compounds in the LCS Standard were below their acceptance ranges.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | 4.0   | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | *THM-Chloroform           | 27    | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | 1,1,1- trichloroethane    | < MDL | ug/L | .5  | 10/23/2001 | SV |

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QA Officer

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Page 3 of 7

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

**Agency:** New York City DEP DWQC

**Sample** BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 8305,8300,8309,c366,159,9411,1

**Collected By:** YACIOUB

**Comment:**

**Sample** 3

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

**Report**

**Sample No. AD25839**

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 10/23/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 4-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Benzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromobenzene              | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

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Page 4 of 7

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**Bottle** 8305,8300,8309,c366,159,9411,1

**Collected By:** YACIOUB

**Comment:**

**Sample** BRONX

**Sample** 3

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**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

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**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25839

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | P-isopropyltoluene             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

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Page 5 of 7

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**Received** JC

**Bottle** 8305,8300,8309,c366,159,9411,1

**Collected By:** YACOB

**Comment:**

**Sample** BRONX

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| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | SEC-butylbenzene          | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Styrene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | TERT-butylbenzene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Tetrachloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Toluene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,2-dichloroethene  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,3-dichloropropene | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichloroethene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichlorofluoromethane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Vinyl chloride            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.08 ug/L.

#### Organic Chemicals - 525.2

|                            |       |      |      |           |     |
|----------------------------|-------|------|------|-----------|-----|
| 2,4-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 2,6-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 4,4-DDE                    | < MDL | ug/L | 0.80 | 11/1/2001 | DLV |
| Acetochlor                 | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| Alachlor                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Atrazine                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Benzo(a)pyrene             | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)adipate   | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)phthalate | 0.94  | ug/L | 0.60 | 11/1/2001 | DLV |

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Page 6 of 7

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Dr. Ian Hurley

**Received** JC

**Bottle** 8305,8300,8309,c366,159,9411,1

**Collected By:** YACOB

**Comment:**

**Sample** BRONX

**Sample** 3

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

**Report**

## Sample No. AD25839

| Method | Test Description          | Results | Units | MDL  | Analyzed on | Validator |
|--------|---------------------------|---------|-------|------|-------------|-----------|
|        | Butachlor                 | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | EPTC                      | < MDL   | ug/L  | 1.0  | 11/1/2001   | DLV       |
|        | Hexachlorobenzene         | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Hexachlorocyclopentadiene | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Metolachlor               | < MDL   | ug/L  | 0.75 | 11/1/2001   | DLV       |
|        | Metribuzin                | < MDL   | ug/L  | 0.15 | 11/1/2001   | DLV       |
|        | Molinate                  | < MDL   | ug/L  | 0.90 | 11/1/2001   | DLV       |
|        | Simazine                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | Terbacil                  | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |

Recoveries for 2 of the 18 compounds in the MDL Standard were above their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

### GCMS Scan For Unknowns

|                         |      |           |     |
|-------------------------|------|-----------|-----|
| Other unknown compounds | ug/L | 12/6/2001 | 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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Page 7 of 7

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**Agency:** New York City DEP DWQC  
Distribution Laboratory  
96-05 Horace Harding Ex.  
Corona N.Y. 11368  
Dr. Ian Hurley  
**Received** JC  
**Bottle** 9835,76,9817,9404,9429,9405,c3  
**Collected By:** YACoub  
**Comment:**

**Sample** BRONX

**Sample** 58  
**ID of Source:**  
**Collection** 10/20/2001 AT  
**Submitted** 10/20/2001 AT 9:07:00  
**Sample Type:** POT\_DW  
**PWS No.:**

**Source Code:**

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

## Report

**Sample No.** AD25840

| Method                   | Test Description | Results | Units | MDL    | Analyzed on | Validator |
|--------------------------|------------------|---------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                  |         |       |        |             |           |
| EPA94                    | Silver           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94200.                | Aluminum         | < MDL   | ug/L  | 50.0   | 11/9/2001   | PAD       |
| SM18                     | Arsenic          | < MDL   | ug/L  | 20     | 10/23/2001  | PAD       |
| EPA94                    | Barium           | < MDL   | ug/L  | 200.0  | 11/9/2001   | PAD       |
| EPA94                    | Beryllium        | < MDL   | ug/L  | 2      | 11/9/2001   | PAD       |
| EPA94                    | Calcium          | 5900    | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94                    | Cadmium          | < MDL   | ug/L  | 2.0    | 11/9/2001   | PAD       |
| EPA94                    | Cobalt           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Chromium         | < MDL   | ug/L  | 10.0   | 11/9/2001   | PAD       |
| EPA94                    | Copper           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Iron             | 25      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA79                    | Mercury          | < MDL   | ug/L  | 0.40   | 10/22/2001  | PAD       |
| SM18                     | Potassium        | 520     | ug/L  | 100.0  | 10/31/2001  | PAD       |

**Approved** Pam Dilsizian QA Officer

**Date Approved:** 12/11/2001

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Page 1 of 7

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Agency: New York City DEP DWQC

Sample BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 9835,76,9817,9404,9429,9405,c3

Collected By: YACoub

Comment:

Sample 58

ID of Source:

Collection 10/20/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25840

| Method | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|--------|-------------|-----------|
| EPA94  | Magnesium                | 1300      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Manganese                | 24        | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/9/2001   | PAD       |
| EPA94  | Sodium                   | 7200      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Nickel                   | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| SM18   | Lead                     | < MDL     | ug/L  | 1.0    | 10/25/2001  | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |        | 10/26/2001  | PAD       |
| SM18   | Antimony                 | < MDL     | ug/L  | 6      | 11/8/2001   | PAD       |
| SM18   | Selenium                 | < MDL     | ug/L  | 2      | 11/5/2001   | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100    | 10/30/2001  | PAD       |
| SM18   | Titanium                 | < MDL     | ug/L  | 100    | 11/1/2001   | PAD       |
| EPA94  | Thallium                 | < MDL     | ug/L  | 2      | 10/30/2001  | PAD       |
| EPA94  | Vanadium                 | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Zinc                     | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |

Approved Pam Dilsizian

QA Officer

Date Approved: 12/11/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 2 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 9835,76,9817,9404,9429,9405,c3

Collected By: YACOB

Comment:

Sample BRONX

Sample 58

ID of Source:

Collection 10/20/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25840

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 10/30/2001  | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 10/30/2001  | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 10/30/2001  | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 10/30/2001  | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 10/30/2001  | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 10/30/2001  | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |

Recoveries for 2 of the 9 compounds in the LCS Standard were below their acceptance ranges.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | 3.9   | ug/L | .5  | 10/25/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 10/25/2001 | SV |
| 524.2 | *THM-Chloroform           | 23    | ug/L | .5  | 10/25/2001 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 10/25/2001 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | .5  | 10/25/2001 | SV |
| 524.2 | 1,1,1- trichloroethane    | < MDL | ug/L | .5  | 10/25/2001 | SV |

Approved Pam Dilsizian

QA Officer

Date Approved: 12/11/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 3 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 9835,76,9817,9404,9429,9405,c3

**Collected By:** YACOB

**Comment:**

**Sample** BRONX

**Sample** 58

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25840

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 10/25/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | 4-chlorotoluene           | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Benzene                   | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Bromobenzene              | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

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**NYS ELAP # 10108**

Page 4 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 9835,76,9817,9404,9429,9405,c3

**Collected By:** YACOUB

**Comment:**

**Sample** BRONX

**Sample** 58

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25840

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 10/25/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 10/25/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |
| 524.2  | P-isopropyltoluene             | < MDL   | ug/L  | .5  | 10/25/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

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**NYS ELAP # 10108**

Page 5 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 9835,76,9817,9404,9429,9405,c3

**Collected By:** YACOB

**Comment:**

**Sample** BRONX

**Sample** 58

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

## Report

### Sample No. AD25840

| Method                           | Test Description           | Results | Units | MDL  | Analyzed on | Validator |
|----------------------------------|----------------------------|---------|-------|------|-------------|-----------|
| 524.2                            | SEC-butylbenzene           | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | Styrene                    | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | TERT-butylbenzene          | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | Tetrachloroethene          | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | Toluene                    | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | trans-1,2-dichloroethene   | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | trans-1,3-dichloropropene  | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | Trichloroethene            | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | Trichlorofluoromethane     | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| 524.2                            | Vinyl chloride             | < MDL   | ug/L  | .5   | 10/25/2001  | SV        |
| <u>Organic Chemicals - 525.2</u> |                            |         |       |      |             |           |
|                                  | 2,4-Dinitrotoluene         | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |
|                                  | 2,6-Dinitrotoluene         | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |
|                                  | 4,4-DDE                    | < MDL   | ug/L  | 0.80 | 11/1/2001   | DLV       |
|                                  | Acetochlor                 | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |
|                                  | Alachlor                   | < MDL   | ug/L  | 0.20 | 11/1/2001   | DLV       |
|                                  | Atrazine                   | < MDL   | ug/L  | 0.20 | 11/1/2001   | DLV       |
|                                  | Benzo(a)pyrene             | < MDL   | ug/L  | 0.20 | 11/1/2001   | DLV       |
|                                  | bis(2-Ethylhexyl)adipate   | < MDL   | ug/L  | 0.60 | 11/1/2001   | DLV       |
|                                  | bis(2-Ethylhexyl)phthalate | 2.1     | ug/L  | 0.60 | 11/1/2001   | DLV       |
|                                  | Butachlor                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|                                  | EPTC                       | < MDL   | ug/L  | 1.0  | 11/1/2001   | DLV       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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Original 12/11/2001

**NYS ELAP # 10108**

Page 6 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory  
96-05 Horace Harding Ex.  
Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 9835,76,9817,9404,9429,9405,c3

**Collected By:** YACOUN

**Comment:**

**Sample** BRONX

**Sample** 58

**ID of Source:**

**Collection** 10/20/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

**Report**

## Sample No. AD25840

| Method | Test Description          | Results | Units | MDL  | Analyzed on | Validator |
|--------|---------------------------|---------|-------|------|-------------|-----------|
|        | Hexachlorobenzene         | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Hexachlorocyclopentadiene | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Metolachlor               | < MDL   | ug/L  | 0.75 | 11/1/2001   | DLV       |
|        | Metribuzin                | < MDL   | ug/L  | 0.15 | 11/1/2001   | DLV       |
|        | Molinate                  | < MDL   | ug/L  | 0.90 | 11/1/2001   | DLV       |
|        | Simazine                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | Terbacil                  | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |

Recoveries for 2 of the 18 compounds in the MDL Standard were above their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

### GCMS Scan For Unknowns

|                         |      |           |     |
|-------------------------|------|-----------|-----|
| Other unknown compounds | ug/L | 12/6/2001 | 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:** 12/11/2001

**Environmental Laboratories**

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Original 12/11/2001

**NYS ELAP # 10108**

Page 7 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 343,9229,9328,9335,9337,9240,9

Collected By: BROWN

Comment:

Sample BRONX

Sample 17550

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25841

| Method            | Test Description | Results | Units | MDL    | Analyzed on | Validator |
|-------------------|------------------|---------|-------|--------|-------------|-----------|
| <b>Inorganics</b> |                  |         |       |        |             |           |
| EPA94             | Silver           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94200.         | Aluminum         | < MDL   | ug/L  | 50.0   | 11/9/2001   | PAD       |
| SM18              | Arsenic          | < MDL   | ug/L  | 20     | 10/23/2001  | PAD       |
| EPA94             | Barium           | < MDL   | ug/L  | 200.0  | 11/9/2001   | PAD       |
| EPA94             | Beryllium        | < MDL   | ug/L  | 2      | 11/9/2001   | PAD       |
| EPA94             | Calcium          | 7800    | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94             | Cadmium          | < MDL   | ug/L  | 2.0    | 11/9/2001   | PAD       |
| EPA94             | Cobalt           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94             | Chromium         | < MDL   | ug/L  | 10.0   | 11/9/2001   | PAD       |
| EPA94             | Copper           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94             | Iron             | 31      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA79             | Mercury          | < MDL   | ug/L  | 0.40   | 10/22/2001  | PAD       |
| SM18              | Potassium        | 670     | ug/L  | 100.0  | 10/31/2001  | PAD       |

Approved Pam Dilsizian

QA Officer

Date Approved: 12/11/2001

Environmental Laboratories

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Original 12/11/2001

NYS ELAP # 10108

Page 1 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 343,9229,9328,9335,9337,9240,9

**Collected By:** BROWN

**Comment:**

**Sample** BRONX

**Sample** 17550

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25841

| Method | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|--------|-------------|-----------|
| EPA94  | Magnesium                | 1900      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Manganese                | 28        | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/9/2001   | PAD       |
| EPA94  | Sodium                   | 9600      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Nickel                   | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| SM18   | Lead                     | < MDL     | ug/L  | 1.0    | 10/25/2001  | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |        | 10/26/2001  | PAD       |
| SM18   | Antimony                 | < MDL     | ug/L  | 6      | 11/8/2001   | PAD       |
| SM18   | Selenium                 | < MDL     | ug/L  | 2      | 11/5/2001   | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100    | 10/30/2001  | PAD       |
| SM18   | Titanium                 | < MDL     | ug/L  | 100    | 11/1/2001   | PAD       |
| EPA94  | Thallium                 | < MDL     | ug/L  | 2      | 10/30/2001  | PAD       |
| EPA94  | Vanadium                 | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Zinc                     | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

emailed

Original 12/11/2001

**NYS ELAP # 10108**

Page 2 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 343,9229,9328,9335,9337,9240,9

**Collected By:** BROWN

**Comment:**

**Sample** BRONX

**Sample** 17550

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25841

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 10/30/2001  | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 10/30/2001  | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 10/30/2001  | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 10/30/2001  | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 10/30/2001  | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 10/30/2001  | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |

Recoveries for 2 of the 9 compounds in the LCS Standard were below their acceptance ranges.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | 5.1   | ug/L | .5  | 10/22/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 10/22/2001 | SV |
| 524.2 | *THM-Chloroform           | 33    | ug/L | .5  | 10/22/2001 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 10/22/2001 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | .5  | 10/22/2001 | SV |
| 524.2 | 1,1,1- trichloroethane    | < MDL | ug/L | .5  | 10/22/2001 | SV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 3 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 343,9229,9328,9335,9337,9240,9

**Collected By:** BROWN

**Comment:**

**Sample** BRONX

**Sample** 17550

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25841

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 10/22/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | 4-chlorotoluene           | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Benzene                   | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Bromobenzene              | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 4 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 343,9229,9328,9335,9337,9240,9

**Collected By:** BROWN

**Comment:**

**Sample** BRONX

**Sample** 17550

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25841

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 10/22/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 10/22/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | P-isopropyltoluene             | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 5 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample BRONX

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 343,9229,9328,9335,9337,9240,9

Collected By: BROWN

Comment:

Sample 17550

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

## Sample No. AD25841

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | SEC-butylbenzene          | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Styrene                   | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | TERT-butylbenzene         | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Tetrachloroethene         | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Toluene                   | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | trans-1,2-dichloroethene  | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | trans-1,3-dichloropropene | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Trichloroethene           | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Trichlorofluoromethane    | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |
| 524.2  | Vinyl chloride            | < MDL   | ug/L  | .5  | 10/22/2001  | SV        |

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.10 ug/L.

### Organic Chemicals - 525.2

|                            |       |      |      |           |     |
|----------------------------|-------|------|------|-----------|-----|
| 2,4-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 2,6-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 4,4-DDE                    | < MDL | ug/L | 0.80 | 11/1/2001 | DLV |
| Acetochlor                 | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| Alachlor                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Atrazine                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Benzo(a)pyrene             | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)adipate   | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)phthalate | 2.0   | ug/L | 0.60 | 11/1/2001 | DLV |

Approved Pam Dilsizian

QA Officer

Date Approved: 12/11/2001

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NYS ELAP # 10108

Page 6 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 343,9229,9328,9335,9337,9240,9

Collected By: BROWN

Comment:

Sample BRONX

Sample 17550

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25841

| Method | Test Description          | Results | Units | MDL  | Analyzed on | Validator |
|--------|---------------------------|---------|-------|------|-------------|-----------|
|        | Butachlor                 | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | EPTC                      | < MDL   | ug/L  | 1.0  | 11/1/2001   | DLV       |
|        | Hexachlorobenzene         | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Hexachlorocyclopentadiene | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Metolachlor               | < MDL   | ug/L  | 0.75 | 11/1/2001   | DLV       |
|        | Metribuzin                | < MDL   | ug/L  | 0.15 | 11/1/2001   | DLV       |
|        | Molinate                  | < MDL   | ug/L  | 0.90 | 11/1/2001   | DLV       |
|        | Simazine                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | Terbacil                  | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |

Recoveries for 2 of the 18 compounds in the MDL Standard were above their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

#### GCMS Scan For Unknowns

|                         |      |           |     |
|-------------------------|------|-----------|-----|
| Other unknown compounds | ug/L | 12/6/2001 | 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: 12/11/2001

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NYS ELAP # 10108

Page 7 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 369,9371,9396,9382,9369,9373,9

**Collected By:** HART

**Comment:**

**Sample** BROOKLYN

**Sample** 27350

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25842

| Method                   | Test Description | Results | Units | MDL    | Analyzed on | Validator |
|--------------------------|------------------|---------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                  |         |       |        |             |           |
| EPA94                    | Silver           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94200.                | Aluminum         | < MDL   | ug/L  | 50.0   | 11/9/2001   | PAD       |
| SM18                     | Arsenic          | < MDL   | ug/L  | 20     | 10/23/2001  | PAD       |
| EPA94                    | Barium           | < MDL   | ug/L  | 200.0  | 11/9/2001   | PAD       |
| EPA94                    | Beryllium        | < MDL   | ug/L  | 2      | 11/9/2001   | PAD       |
| EPA94                    | Calcium          | 6900    | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94                    | Cadmium          | < MDL   | ug/L  | 2.0    | 11/9/2001   | PAD       |
| EPA94                    | Cobalt           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Chromium         | < MDL   | ug/L  | 10.0   | 11/9/2001   | PAD       |
| EPA94                    | Copper           | 73      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Iron             | 87      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA79                    | Mercury          | < MDL   | ug/L  | 0.40   | 10/22/2001  | PAD       |
| SM18                     | Potassium        | 600     | ug/L  | 100.0  | 10/31/2001  | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/12/2001

**Environmental Laboratories**

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Original 12/12/2001

**NYS ELAP # 10108**

Page 1 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 369,9371,9396,9382,9369,9373,9

**Collected By:** HART

**Comment:**

**Sample** BROOKLYN

**Sample** 27350

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25842

| Method | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|--------|-------------|-----------|
| EPA94  | Magnesium                | 1600      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Manganese                | 33        | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/9/2001   | PAD       |
| EPA94  | Sodium                   | 8100      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Nickel                   | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| SM18   | Lead                     | 1.4       | ug/L  | 1.0    | 10/25/2001  | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |        | 10/26/2001  | PAD       |
| SM18   | Antimony                 | < MDL     | ug/L  | 6      | 11/8/2001   | PAD       |
| SM18   | Selenium                 | < MDL     | ug/L  | 2      | 11/8/2001   | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100    | 10/30/2001  | PAD       |
| SM18   | Titanium                 | < MDL     | ug/L  | 100    | 11/1/2001   | PAD       |
| EPA94  | Thallium                 | < MDL     | ug/L  | 2      | 10/30/2001  | PAD       |
| EPA94  | Vanadium                 | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Zinc                     | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/12/2001

**Environmental Laboratories**

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Original 12/12/2001

**NYS ELAP # 10108**

Page 2 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 369,9371,9396,9382,9369,9373,9

**Collected By:** HART

**Comment:**

**Sample** BROOKLYN

**Sample** 27350

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25842

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 10/30/2001  | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 10/30/2001  | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 10/30/2001  | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 10/30/2001  | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 10/30/2001  | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 10/30/2001  | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |

The recovery for the Surrogate Standard in this sample was below its acceptance range. Recoveries for 2 of the 9 compounds in the LCS Standard were below their acceptance ranges.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | 4.0   | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | *THM-Chloroform           | 27    | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | .5  | 10/23/2001 | SV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/12/2001

**Environmental Laboratories**

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Original 12/12/2001

**NYS ELAP # 10108**

Page 3 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 369,9371,9396,9382,9369,9373,9

**Collected By:** HART

**Comment:**

**Sample** BROOKLYN

**Sample** 27350

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25842

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,1,1- trichloroethane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 10/23/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 4-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Benzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/12/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 4 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 369,9371,9396,9382,9369,9373,9

**Collected By:** HART

**Comment:**

**Sample** BROOKLYN

**Sample** 27350

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25842

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Bromobenzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/12/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 5 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 369,9371,9396,9382,9369,9373,9

**Collected By:** HART

**Comment:**

**Sample** BROOKLYN

**Sample** 27350

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25842

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | P-isopropyltoluene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | SEC-butylbenzene          | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Styrene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | TERT-butylbenzene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Tetrachloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Toluene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,2-dichloroethene  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,3-dichloropropene | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichloroethene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichlorofluoromethane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Vinyl chloride            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.08 ug/L.

#### Organic Chemicals - 525.2

|                          |       |      |      |           |     |
|--------------------------|-------|------|------|-----------|-----|
| 2,4-Dinitrotoluene       | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 2,6-Dinitrotoluene       | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 4,4-DDE                  | < MDL | ug/L | 0.80 | 11/1/2001 | DLV |
| Acetochlor               | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| Alachlor                 | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Atrazine                 | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Benzo(a)pyrene           | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)adipate | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/12/2001

**Environmental Laboratories**

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Original 12/12/2001

**NYS ELAP # 10108**

Page 6 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 369,9371,9396,9382,9369,9373,9

Collected By: HART

Comment:

Sample BROOKLYN

Sample 27350

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25842

| Method | Test Description           | Results | Units | MDL  | Analyzed on | Validator |
|--------|----------------------------|---------|-------|------|-------------|-----------|
|        | bis(2-Ethylhexyl)phthalate | 1.0     | ug/L  | 0.60 | 11/1/2001   | DLV       |
|        | Butachlor                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | EPTC                       | < MDL   | ug/L  | 1.0  | 11/1/2001   | DLV       |
|        | Hexachlorobenzene          | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Hexachlorocyclopentadiene  | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Metolachlor                | < MDL   | ug/L  | 0.75 | 11/1/2001   | DLV       |
|        | Metribuzin                 | < MDL   | ug/L  | 0.15 | 11/1/2001   | DLV       |
|        | Molinate                   | < MDL   | ug/L  | 0.90 | 11/1/2001   | DLV       |
|        | Simazine                   | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | Terbacil                   | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |

Recoveries for 2 of the 18 compounds in the MDL Standard were above their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

#### GCMS Scan For Unknowns

|                         |      |           |     |
|-------------------------|------|-----------|-----|
| Other unknown compounds | ug/L | 12/6/2001 | 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: 12/12/2001

Environmental Laboratories

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Original 12/12/2001

NYS ELAP # 10108

Page 7 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** c363,p9394,9389,9379,q9376,93

**Collected By:** HP

**Comment:**

**Sample** MANHATTAN

**Sample** 37950

**ID of Source:**

**Collection** 10/19/2001 AT 9:10:00

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25843

| Method                   | Test Description | Results | Units | MDL    | Analyzed on | Validator |
|--------------------------|------------------|---------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                  |         |       |        |             |           |
| EPA94                    | Silver           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94200.                | Aluminum         | < MDL   | ug/L  | 50.0   | 11/9/2001   | PAD       |
| SM18                     | Arsenic          | < MDL   | ug/L  | 20     | 10/23/2001  | PAD       |
| EPA94                    | Barium           | < MDL   | ug/L  | 200.0  | 11/9/2001   | PAD       |
| EPA94                    | Beryllium        | < MDL   | ug/L  | 2      | 11/9/2001   | PAD       |
| EPA94                    | Calcium          | 8100    | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94                    | Cadmium          | < MDL   | ug/L  | 2.0    | 11/9/2001   | PAD       |
| EPA94                    | Cobalt           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Chromium         | < MDL   | ug/L  | 10.0   | 11/9/2001   | PAD       |
| EPA94                    | Copper           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Iron             | 35      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA79                    | Mercury          | < MDL   | ug/L  | 0.40   | 10/22/2001  | PAD       |
| SM18                     | Potassium        | 720     | ug/L  | 100.0  | 10/31/2001  | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

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Original 12/14/2001

**NYS ELAP # 10108**

Page 1 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** c363,p9394,9389,9379,q9376,93

**Collected By:** HP

**Comment:**

**Sample** MANHATTAN

**Sample** 37950

**ID of Source:**

**Collection** 10/19/2001 AT 9:10:00

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25843

| Method | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|--------|-------------|-----------|
| EPA94  | Magnesium                | 2100      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Manganese                | 34        | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/9/2001   | PAD       |
| EPA94  | Sodium                   | 10000     | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Nickel                   | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| SM18   | Lead                     | < MDL     | ug/L  | 1.0    | 10/25/2001  | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |        | 10/26/2001  | PAD       |
| SM18   | Antimony                 | < MDL     | ug/L  | 6      | 11/9/2001   | PAD       |
| SM18   | Selenium                 | < MDL     | ug/L  | 2      | 11/8/2001   | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100    | 10/30/2001  | PAD       |
| SM18   | Titanium                 | < MDL     | ug/L  | 100    | 11/1/2001   | PAD       |
| EPA94  | Thallium                 | < MDL     | ug/L  | 2      | 10/30/2001  | PAD       |
| EPA94  | Vanadium                 | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Zinc                     | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

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Original 12/14/2001

**NYS ELAP # 10108**

Page 2 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** c363,p9394,9389,9379,q9376,93

**Collected By:** HP

**Comment:**

**Sample** MANHATTAN

**Sample** 37950

**ID of Source:**

**Collection** 10/19/2001 AT 9:10:00

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25843

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 10/30/2001  | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 10/30/2001  | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 10/30/2001  | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 10/30/2001  | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 10/30/2001  | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 10/30/2001  | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |

Recoveries for 2 of the 9 compounds in the LCS Standard were below their acceptance ranges.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | 4.5   | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | *THM-Chloroform           | 30    | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | 1,1,1- trichloroethane    | < MDL | ug/L | .5  | 10/23/2001 | SV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

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Original 12/14/2001

**NYS ELAP # 10108**

Page 3 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** c363,p9394,9389,9379,q9376,93

**Collected By:** HP

**Comment:**

**Sample** MANHATTAN

**Sample** 37950

**ID of Source:**

**Collection** 10/19/2001 AT 9:10:00

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

## Report

### Sample No. AD25843

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 10/23/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 4-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Benzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromobenzene              | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 4 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory  
96-05 Horace Harding Ex.  
Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** c363,p9394,9389,9379,q9376,93

**Collected By:** HP

**Comment:**

**Sample** MANHATTAN

**Sample** 37950

**ID of Source:**

**Collection** 10/19/2001 AT 9:10:00

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25843

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | P-isopropyltoluene             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 5 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** c363,p9394,9389,9379,q9376,93

**Collected By:** HP

**Comment:**

**Sample** MANHATTAN

**Sample** 37950

**ID of Source:**

**Collection** 10/19/2001 AT 9:10:00

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25843

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | SEC-butylbenzene          | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Styrene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | TERT-butylbenzene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Tetrachloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Toluene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,2-dichloroethene  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,3-dichloropropene | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichloroethene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichlorofluoromethane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Vinyl chloride            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.08 ug/L.

#### Organic Chemicals - 525.2

|                            |       |      |      |           |     |
|----------------------------|-------|------|------|-----------|-----|
| 2,4-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 2,6-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 4,4-DDE                    | < MDL | ug/L | 0.80 | 11/1/2001 | DLV |
| Acetochlor                 | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| Alachlor                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Atrazine                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Benzo(a)pyrene             | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)adipate   | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)phthalate | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

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Original 12/14/2001

**NYS ELAP # 10108**

Page 6 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** c363,p9394,9389,9379,q9376,93

**Collected By:** HP

**Comment:**

**Sample** MANHATTAN

**Sample** 37950

**ID of Source:**

**Collection** 10/19/2001 AT 9:10:00

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

**Report**

## Sample No. AD25843

| Method | Test Description          | Results | Units | MDL  | Analyzed on | Validator |
|--------|---------------------------|---------|-------|------|-------------|-----------|
|        | Butachlor                 | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | EPTC                      | < MDL   | ug/L  | 1.0  | 11/1/2001   | DLV       |
|        | Hexachlorobenzene         | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Hexachlorocyclopentadiene | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Metolachlor               | < MDL   | ug/L  | 0.75 | 11/1/2001   | DLV       |
|        | Metribuzin                | < MDL   | ug/L  | 0.15 | 11/1/2001   | DLV       |
|        | Molinate                  | < MDL   | ug/L  | 0.90 | 11/1/2001   | DLV       |
|        | Simazine                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | Terbacil                  | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |

Recoveries for 2 of the 18 compounds in the MDL Standard were above their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

### GCMS Scan For Unknowns

|                         |      |           |     |
|-------------------------|------|-----------|-----|
| Other unknown compounds | ug/L | 12/6/2001 | 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:** 12/14/2001

**Environmental Laboratories**

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Original 12/14/2001

**NYS ELAP # 10108**

Page 7 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 4276,8119,5930,9366,9400,9363,

**Collected By:** GERTSIK

**Comment:**

**Sample** QUEENS

**Sample** 46950

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

## Report

### Sample No. AD25844

| Method                   | Test Description | Results | Units | MDL    | Analyzed on | Validator |
|--------------------------|------------------|---------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                  |         |       |        |             |           |
| EPA94                    | Silver           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94200.                | Aluminum         | < MDL   | ug/L  | 50.0   | 11/9/2001   | PAD       |
| SM18                     | Arsenic          | < MDL   | ug/L  | 20     | 10/23/2001  | PAD       |
| EPA94                    | Barium           | < MDL   | ug/L  | 200.0  | 11/9/2001   | PAD       |
| EPA94                    | Beryllium        | < MDL   | ug/L  | 2      | 11/9/2001   | PAD       |
| EPA94                    | Calcium          | 5900    | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94                    | Cadmium          | < MDL   | ug/L  | 2.0    | 11/9/2001   | PAD       |
| EPA94                    | Cobalt           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Chromium         | < MDL   | ug/L  | 10.0   | 11/9/2001   | PAD       |
| EPA94                    | Copper           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Iron             | 22      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA79                    | Mercury          | < MDL   | ug/L  | 0.40   | 10/22/2001  | PAD       |
| SM18                     | Potassium        | 520     | ug/L  | 100.0  | 10/31/2001  | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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Original 12/11/2001

**NYS ELAP # 10108**

Page 1 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 4276,8119,5930,9366,9400,9363,

**Collected By:** GERTSIK

**Comment:**

**Sample** QUEENS

**Sample** 46950

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25844

| Method | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|--------|-------------|-----------|
| EPA94  | Magnesium                | 1300      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Manganese                | 22        | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/9/2001   | PAD       |
| EPA94  | Sodium                   | 6700      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Nickel                   | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| SM18   | Lead                     | < MDL     | ug/L  | 1.0    | 10/25/2001  | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |        | 10/26/2001  | PAD       |
| SM18   | Antimony                 | < MDL     | ug/L  | 6      | 11/9/2001   | PAD       |
| SM18   | Selenium                 | < MDL     | ug/L  | 2      | 11/8/2001   | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100    | 10/30/2001  | PAD       |
| SM18   | Titanium                 | < MDL     | ug/L  | 100    | 11/1/2001   | PAD       |
| EPA94  | Thallium                 | < MDL     | ug/L  | 2      | 10/30/2001  | PAD       |
| EPA94  | Vanadium                 | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Zinc                     | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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Original 12/11/2001

**NYS ELAP # 10108**

Page 2 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 4276,8119,5930,9366,9400,9363,

**Collected By:** GERTSIK

**Comment:**

**Sample** QUEENS

**Sample** 46950

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

## Report

### Sample No. AD25844

| Method                           | Test Description   | Results | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|---------|-------|-------|-------------|-----------|
| <b>Organics</b>                  |                    |         |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |         |       |       |             |           |
|                                  | 4,4-DDE            | < MDL   | ug/L  | 0.080 | 10/30/2001  | DLV       |
|                                  | Aldrin             | < MDL   | ug/L  | 0.010 | 10/30/2001  | DLV       |
|                                  | Chlordane          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |
|                                  | Dieldrin           | < MDL   | ug/L  | 0.016 | 10/30/2001  | DLV       |
|                                  | Endrin             | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor         | < MDL   | ug/L  | 0.020 | 10/30/2001  | DLV       |
|                                  | Heptachlor Epoxide | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Lindane            | < MDL   | ug/L  | 0.030 | 10/30/2001  | DLV       |
|                                  | Methoxychlor       | < MDL   | ug/L  | 0.039 | 10/30/2001  | DLV       |
|                                  | PCB's              | < MDL   | ug/L  | 0.20  | 10/30/2001  | DLV       |
|                                  | Propachlor         | < MDL   | ug/L  | 0.040 | 10/30/2001  | DLV       |
|                                  | Toxaphene          | < MDL   | ug/L  | 0.40  | 10/30/2001  | DLV       |

The recovery for the Surrogate Standard in this sample was below its acceptance range. Recoveries for 2 of the 9 compounds in the LCS Standard were below their acceptance ranges.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | < MDL | ug/L | .5  | 10/30/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 10/30/2001 | SV |
| 524.2 | *THM-Chloroform           | < MDL | ug/L | .5  | 10/30/2001 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 10/30/2001 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | .5  | 10/30/2001 | SV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

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Original 12/11/2001

**NYS ELAP # 10108**

Page 3 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory  
96-05 Horace Harding Ex.  
Corona N.Y. 11368

Dr. Ian Hurley

**Received JC**

**Bottle** 4276,8119,5930,9366,9400,9363,

**Collected By:** GERTSIK

**Comment:**

**Sample** QUEENS

**Sample** 46950

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25844

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,1,1- trichloroethane    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 10/30/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | 4-chlorotoluene           | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Benzene                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

**Environmental Laboratories**

emailed

Original 12/11/2001

**NYS ELAP # 10108**

Page 4 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample QUEENS

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 4276,8119,5930,9366,9400,9363,

Collected By: GERTSIK

Comment:

Sample 46950

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

Report

## Sample No. AD25844

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Bromobenzene                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 10/30/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 10/30/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |

Approved Pam Dilsizian

QA Officer

Date Approved: 12/11/2001

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NYS ELAP # 10108

Page 5 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 4276,8119,5930,9366,9400,9363,

**Collected By:** GERTSIK

**Comment:**

**Sample** QUEENS

**Sample** 46950

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

**Report**

## Sample No. AD25844

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | P-isopropyltoluene        | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | SEC-butylbenzene          | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Styrene                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | TERT-butylbenzene         | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Tetrachloroethene         | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Toluene                   | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | trans-1,2-dichloroethene  | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | trans-1,3-dichloropropene | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Trichloroethene           | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Trichlorofluoromethane    | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |
| 524.2  | Vinyl chloride            | < MDL   | ug/L  | .5  | 10/30/2001  | SV        |

One out of three surrogates in the 524 analysis of this sample had a high recovery.

### Organic Chemicals - 525.2

|                            |       |      |      |           |     |
|----------------------------|-------|------|------|-----------|-----|
| 2,4-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 2,6-Dinitrotoluene         | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 4,4-DDE                    | < MDL | ug/L | 0.80 | 11/1/2001 | DLV |
| Acetochlor                 | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| Alachlor                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Atrazine                   | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Benzo(a)pyrene             | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)adipate   | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)phthalate | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/11/2001

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**NYS ELAP # 10108**

Page 6 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 4276,8119,5930,9366,9400,9363,

**Collected By:** GERTSIK

**Comment:**

**Sample** QUEENS

**Sample** 46950

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

**Report**

## Sample No. AD25844

| Method | Test Description          | Results | Units | MDL  | Analyzed on | Validator |
|--------|---------------------------|---------|-------|------|-------------|-----------|
|        | Butachlor                 | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | EPTC                      | < MDL   | ug/L  | 1.0  | 11/1/2001   | DLV       |
|        | Hexachlorobenzene         | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Hexachlorocyclopentadiene | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Metolachlor               | < MDL   | ug/L  | 0.75 | 11/1/2001   | DLV       |
|        | Metribuzin                | < MDL   | ug/L  | 0.15 | 11/1/2001   | DLV       |
|        | Molinate                  | < MDL   | ug/L  | 0.90 | 11/1/2001   | DLV       |
|        | Simazine                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | Terbacil                  | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |

Recoveries for 2 of the 18 compounds in the MDL Standard were above their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

### GCMS Scan For Unknowns

|                         |      |           |     |
|-------------------------|------|-----------|-----|
| Other unknown compounds | ug/L | 12/6/2001 | 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:** 12/11/2001

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**NYS ELAP # 10108**

Page 7 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 7683,386,6315,6146,9346,9284,9

**Collected By:** TSUI

**Comment:**

**Sample** STATEN ISLAND

**Sample** 50850

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

Sample chilled on arrival? : YES

## Report

### Sample No. AD25845

| Method                   | Test Description | Results | Units | MDL    | Analyzed on | Validator |
|--------------------------|------------------|---------|-------|--------|-------------|-----------|
| <b><u>Inorganics</u></b> |                  |         |       |        |             |           |
| EPA94                    | Silver           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94200.                | Aluminum         | < MDL   | ug/L  | 50.0   | 11/9/2001   | PAD       |
| SM18                     | Arsenic          | < MDL   | ug/L  | 20     | 10/23/2001  | PAD       |
| EPA94                    | Barium           | < MDL   | ug/L  | 200.0  | 11/9/2001   | PAD       |
| EPA94                    | Beryllium        | < MDL   | ug/L  | 2      | 11/9/2001   | PAD       |
| EPA94                    | Calcium          | 6400    | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94                    | Cadmium          | < MDL   | ug/L  | 2.0    | 11/9/2001   | PAD       |
| EPA94                    | Cobalt           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Chromium         | < MDL   | ug/L  | 10.0   | 11/9/2001   | PAD       |
| EPA94                    | Copper           | < MDL   | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94                    | Iron             | 21      | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA79                    | Mercury          | < MDL   | ug/L  | 0.40   | 10/22/2001  | PAD       |
| SM18                     | Potassium        | 550     | ug/L  | 100.0  | 10/31/2001  | PAD       |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

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**NYS ELAP # 10108**

Page 1 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory  
96-05 Horace Harding Ex.  
Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 7683,386,6315,6146,9346,9284,9

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 50850

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25845

| Method | Test Description         | Results   | Units | MDL    | Analyzed on | Validator |
|--------|--------------------------|-----------|-------|--------|-------------|-----------|
| EPA94  | Magnesium                | 1200      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Manganese                | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Molybdenum               | < MDL     | ug/L  | 50.0   | 11/9/2001   | PAD       |
| EPA94  | Sodium                   | 7200      | ug/L  | 1000.0 | 11/9/2001   | PAD       |
| EPA94  | Nickel                   | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| SM18   | Lead                     | < MDL     | ug/L  | 1.0    | 10/25/2001  | PAD       |
| EPA'79 | Potable Metals Digestion | Completed |       |        | 10/26/2001  | PAD       |
| SM18   | Antimony                 | < MDL     | ug/L  | 6      | 11/9/2001   | PAD       |
| SM18   | Selenium                 | < MDL     | ug/L  | 2      | 11/8/2001   | PAD       |
| SM18   | Tin                      | < MDL     | ug/L  | 100    | 10/30/2001  | PAD       |
| SM18   | Titanium                 | < MDL     | ug/L  | 100    | 11/1/2001   | PAD       |
| EPA94  | Thallium                 | < MDL     | ug/L  | 2      | 10/30/2001  | PAD       |
| EPA94  | Vanadium                 | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |
| EPA94  | Zinc                     | < MDL     | ug/L  | 20.0   | 11/9/2001   | PAD       |

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Date Approved: 12/14/2001

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NYS ELAP # 10108

Page 2 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Sample STATEN ISLAND

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 7683,386,6315,6146,9346,9284,9

Collected By: TSUI

Comment:

Sample 50850

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25845

| Method                           | Test Description   | Results      | Units | MDL   | Analyzed on | Validator |
|----------------------------------|--------------------|--------------|-------|-------|-------------|-----------|
| <b>Organics</b>                  |                    |              |       |       |             |           |
| <u>Chlorine Pesticides - 508</u> |                    |              |       |       |             |           |
|                                  | 4,4-DDE            | < MDL        | ug/L  | 0.080 | 10/31/2001  | DLV       |
|                                  | Aldrin             | < MDL        | ug/L  | 0.010 | 10/31/2001  | DLV       |
|                                  | Chlordane          | < MDL        | ug/L  | 0.40  | 10/31/2001  | DLV       |
|                                  | Dieldrin           | < MDL        | ug/L  | 0.016 | 10/31/2001  | DLV       |
|                                  | Endrin             | < MDL        | ug/L  | 0.020 | 10/31/2001  | DLV       |
|                                  | Heptachlor         | < MDL        | ug/L  | 0.020 | 10/31/2001  | DLV       |
|                                  | Heptachlor Epoxide | < MDL        | ug/L  | 0.030 | 10/31/2001  | DLV       |
|                                  | Lindane            | < MDL        | ug/L  | 0.030 | 10/31/2001  | DLV       |
|                                  | Methoxychlor       | Not analyzed | ug/L  | 0.039 | 10/31/2001  | DLV       |
|                                  | PCB's              | < MDL        | ug/L  | 0.20  | 10/31/2001  | DLV       |
|                                  | Propachlor         | < MDL        | ug/L  | 0.040 | 10/31/2001  | DLV       |
|                                  | Toxaphene          | < MDL        | ug/L  | 0.40  | 10/31/2001  | DLV       |

The breakdown for Endrin in the Breakdown Standard was 25%. Methoxychlor could not be included in the analysis because of technical problems.

#### Volatile Organic Compounds

|       |                           |       |      |     |            |    |
|-------|---------------------------|-------|------|-----|------------|----|
| 524.2 | *THM-Bromodichloromethane | 3.0   | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Bromoform            | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | *THM-Chloroform           | 34    | ug/L | .5  | 10/23/2001 | SV |
| 524.2 | *THM-Dibromochloromethane | < MDL | ug/L | 2.0 | 10/23/2001 | SV |
| 524.2 | 1,1,1,2-tetrachloroethane | < MDL | ug/L | .5  | 10/23/2001 | SV |

Approved Pam Dilsizian

QA Officer

Date Approved: 12/14/2001

Environmental Laboratories

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NYS ELAP # 10108

Page 3 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received JC**

**Bottle** 7683,386,6315,6146,9346,9284,9

**Collected By:** TSUI

**Comment:**

**Sample** STATEN ISLAND

**Sample** 50850

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** YES

## Report

### Sample No. AD25845

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | 1,1,1- trichloroethane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1,2,2-tetrachloroethane | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1,2-trichloroethane     | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-Dichloroethene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,1-dichloropropene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,3-trichloropropane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trichlorobenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2,4-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloroethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3,5-trimethylbenzene    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,3-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 1,4-dichlorobenzene       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2,2-dichloropropane       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 2-butanone (MEK)          | < MDL   | ug/L  | 2.0 | 10/23/2001  | SV        |
| 524.2  | 2-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | 4-chlorotoluene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Benzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

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QA Officer

**Date Approved:** 12/14/2001

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**NYS ELAP # 10108**

Page 4 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 7683,386,6315,6146,9346,9284,9

**Collected By:** TSUI

**Comment:**

**Sample** STATEN ISLAND

**Sample** 50850

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival? :** YES

## Report

### Sample No. AD25845

| Method | Test Description               | Results | Units | MDL | Analyzed on | Validator |
|--------|--------------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | Bromobenzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromochloromethane             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Bromomethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Carbon tetrachloride           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chlorobenzene                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloroethane                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Chloromethane                  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,2-dichloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | cis-1,3-dichloropropene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dibromomethane                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Dichlorodifluoromethane        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Ethylbenzene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Hexachlorobutadiene            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Isopropylbenzene               | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Methyl iso-butyl ketone (MIBK) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methyl tert-butyl ether (MTBE) | < MDL   | ug/L  | 1.0 | 10/23/2001  | SV        |
| 524.2  | Methylene Chloride             | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-butylbenzene                 | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | N-propylbenzene                | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Naphthalene                    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | O-xylene                       | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | P & M-xylene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

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**NYS ELAP # 10108**

Page 5 of 7

# REPORT OF ANALYSIS

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

**Agency:** New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

**Received** JC

**Bottle** 7683,386,6315,6146,9346,9284,9

**Collected By:** TSUI

**Comment:**

**Sample** STATEN ISLAND

**Sample** 50850

**ID of Source:**

**Collection** 10/19/2001 AT

**Submitted** 10/20/2001 AT 9:07:00

**Sample Type:** POT\_DW

**PWS No.:**

**Source Code:**

**Type Descriptor:**

**Sample chilled on arrival?** : YES

## Report

### Sample No. AD25845

| Method | Test Description          | Results | Units | MDL | Analyzed on | Validator |
|--------|---------------------------|---------|-------|-----|-------------|-----------|
| 524.2  | P-isopropyltoluene        | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | SEC-butylbenzene          | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Styrene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | TERT-butylbenzene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Tetrachloroethene         | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Toluene                   | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,2-dichloroethene  | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | trans-1,3-dichloropropene | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichloroethene           | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Trichlorofluoromethane    | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |
| 524.2  | Vinyl chloride            | < MDL   | ug/L  | .5  | 10/23/2001  | SV        |

DICHLOROACETONITRILE FOUND AS A TENTATIVELY IDENTIFIED COMPOUND BY METHOD 524.2. THE APPROXIMATE CONCENTRATION IS 0.10 ug/L.

#### Organic Chemicals - 525.2

|                          |       |      |      |           |     |
|--------------------------|-------|------|------|-----------|-----|
| 2,4-Dinitrotoluene       | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 2,6-Dinitrotoluene       | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| 4,4-DDE                  | < MDL | ug/L | 0.80 | 11/1/2001 | DLV |
| Acetochlor               | < MDL | ug/L | 2.0  | 11/1/2001 | DLV |
| Alachlor                 | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Atrazine                 | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| Benzo(a)pyrene           | < MDL | ug/L | 0.20 | 11/1/2001 | DLV |
| bis(2-Ethylhexyl)adipate | < MDL | ug/L | 0.60 | 11/1/2001 | DLV |

**Approved** Pam Dilsizian

QA Officer

**Date Approved:** 12/14/2001

**Environmental Laboratories**

emailed

Original 12/14/2001

**NYS ELAP # 10108**

Page 6 of 7

# REPORT OF ANALYSIS

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

Agency: New York City DEP DWQC

Distribution Laboratory

96-05 Horace Harding Ex.

Corona N.Y. 11368

Dr. Ian Hurley

Received JC

Bottle 7683,386,6315,6146,9346,9284,9

Collected By: TSUI

Comment:

Sample STATEN ISLAND

Sample 50850

ID of Source:

Collection 10/19/2001 AT

Submitted 10/20/2001 AT 9:07:00

Sample Type: POT\_DW

PWS No.:

Source Code:

Type Descriptor:

Sample chilled on arrival? : YES

## Report

### Sample No. AD25845

| Method | Test Description           | Results | Units | MDL  | Analyzed on | Validator |
|--------|----------------------------|---------|-------|------|-------------|-----------|
|        | bis(2-Ethylhexyl)phthalate | 0.67    | ug/L  | 0.60 | 11/1/2001   | DLV       |
|        | Butachlor                  | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | EPTC                       | < MDL   | ug/L  | 1.0  | 11/1/2001   | DLV       |
|        | Hexachlorobenzene          | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Hexachlorocyclopentadiene  | < MDL   | ug/L  | 0.10 | 11/1/2001   | DLV       |
|        | Metolachlor                | < MDL   | ug/L  | 0.75 | 11/1/2001   | DLV       |
|        | Metribuzin                 | < MDL   | ug/L  | 0.15 | 11/1/2001   | DLV       |
|        | Molinate                   | < MDL   | ug/L  | 0.90 | 11/1/2001   | DLV       |
|        | Simazine                   | < MDL   | ug/L  | 0.40 | 11/1/2001   | DLV       |
|        | Terbacil                   | < MDL   | ug/L  | 2.0  | 11/1/2001   | DLV       |

Recoveries for 2 of the 18 compounds in the MDL Standard were above their acceptance ranges. Recoveries for 3 of the 18 compounds in the LCS Standard were outside of their acceptance ranges. Recoveries for 4 of the 18 compounds in the Spiked Sample were outside of their acceptance ranges. The recovery for 1 of the 3 Surrogate Standards in this sample was below its acceptance range.

#### GCMS Scan For Unknowns

|                         |      |            |     |
|-------------------------|------|------------|-----|
| Other unknown compounds | ug/L | 12/12/2001 | 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: 12/14/2001

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Original 12/14/2001

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Page 7 of 7