

WESTCHESTER COUNTY DEPARTMENT OF LABS & RESEARCH						CHAIN OF CUSTODY RECORD							PAGE 1 OF 1	
SDG# NAME CONTACT NEW - Kensico Lab					LABORATORY ADDRESS CONTACT WESTCHESTER COUNTY VALHALLA, NEW YORK									
SAMPLE NO.	LABORATORY SAMPLE NO.	SAMPLING		SAMPLE TYPE	ANALYSES						# OF BOTTLES	PRESERVATION	COMMENTS (SPECIAL INSTRUCTIONS, CAUTIONS, ETC.)	
		DATE	TIME		VOA	BNA	PEST/PCB	METALS	CN	SAC KIT				
CATLEFF 6496	22652	9/14	13:30	Potable	✓			✓		✓				
CROGH 6498	22653	9/14	14:45	Potable	✓			✓		✓				
DELIS 6497	22654	9/14	14:00	Potable	✓			✓		✓				
Catleff 6549	22655	9/15	15:25	Potable	✓			✓		✓				
Delis 6550	22657	9/15	14:30	Potable	✓			✓		✓				
Crogh 6551	22656	9/15	13:15	Potable	✓			✓		✓				
I. SAMPLED AND RELINQ. BY: SIGN: [Signature] PRINT: Stephanie A. Pratt FIRM: DEP DATE: 9/17/01 TIME: 12:40		II. RECEIVED BY: SIGN: [Signature] PRINT: E. Petrone FIRM: [Signature] DATE: 9/17/01 TIME: 12:40		ANALYSES/COMMENTS:		IV. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:		V. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:		ANALYSES/COMMENTS:				
II. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:		III. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:		ANALYSES/COMMENTS:		VI. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:		VII. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:		ANALYSES/COMMENTS:				
EVIDENCE SAMPLES TAMPERED WITH: ___ NO ___ YES ___ N/A														
IF YES EXPLAIN IN REMARKS														
SAMPLES DISPOSED OF ON: _____ BY: _____														



ENVIRONMENTAL SERVICES SAMPLE SUBMISSION FORM WESTCHESTER COUNTY LABORATORIES AND RESEARCH

2 Dana Road, Valhalla, New York 10595
(914) 593-5575



NYS-ELAP No. 10108
Form A-70 (rev.1/96)

Date Set: 9/14/01

Sample Type (circle one):

1. Potable 1 3. Non Potable Treated
2. Non Potable 4. Other

Time/Date Collected: 1400 9/14/01

Collected By: SCOTT Agency Code: _____

Collected From:

Location's/Individual's Name WYD DEP

Street 19 WEST LAKE DRIVE

City/St/Zip Valhalla, NY 10595

Identification of Source _____

Collection Point Lot 18 # 10497

Bottle #s: 187, 323, 324, 191, 186, 185, 184, 183, 322, 1, 6457, 0336

Chain of Custody? yes no

Comments:

PWS #: _____ Source ID: _____ Type Descriptor: _____

Bill to:

Name/Company _____

Street _____

City/St/Zip _____

Phone#: _____ Fax#: _____

CA,CH, BI? _____ Check#: _____ Amount\$ _____

BACTERIOLOGICAL ANALYSIS

Lab#: _____

(circle tests)

1. Heterotrophic Plate Count (hemodialysis & all others)
2. Coliform P/A (public supplies)
3. Coliform MPN (priv well, raw, stp)
4. Fecal Coliform (all samples)

Microscopic
Macroscopic

8. Other: _____

Refrigerated? yes no

Chlorinated: yes no

Free Chlorine Res: _____ mg/L

Total Chlorine Res: _____ mg/L

pH _____

ORGANIC POTABLE ANALYSIS

Lab#: _____

(circle tests)

1. Trihalomethanes (524)
2. Volatile Halocarbons (524)
3. Volatile Aromatics (524)
4. Total Trihalomethane Potential (510)
5. Microextractables (504)
6. Pesticides (507)
7. Pesticides/PCB screen (508)
8. PCB as Decachlorobiphenyl (508A)
9. Herbicides (515)
10. Pesticides (525)
11. Carbamate Pesticides (531)
12. Glyphosate (547)
13. Diquat (549)
14. Chlorination Disinfection Byproducts (551)
15. Haloacetic Acids (552)
16. Pesticides (SM18/6630)
17. Petroleum/Hydrocarbon Scan (310-13)
18. Other: _____

ORGANIC NONPOTABLE/SOLID ANALYSIS

1. Purgeable Halocarbons (624/8260)
2. Purgeable Aromatics (624/8260)
3. Acrolein & Acrylonitrile (624)
4. Phthalates (625/8270)
5. Organochlorine Pesticides (608/8081)
6. PCB's (Arochors) (608/8081)
7. Methoprene (616)
8. Herbicides (EPA1978/8151)
9. Pesticides (SM18/6630)
10. Petroleum Hydrocarbon Scan (310-13)
11. Glycols
12. Acid Extractables (625/8270)
13. Base Neutral Extractables (625/8270)
14. GC/MS Semivolatile Unknown Scan
15. Purgeable Halocarbons (DEF)
16. Purgeable Aromatics (DEF)
17. Pesticides/PCB's (DEF)
18. Other: _____

INORGANIC ANALYSIS REQUESTED - Lab#: _____

(circle tests)

1. Color
2. Turbidity
3. pH
4. Conductivity
5. Corrosivity (temp: _____ °C)
6. BOD (5 day)
7. Soluble BOD (5 day)
8. Carbonaceous BOD (5 day)
9. Chemical Oxygen Demand
10. Dissolved Oxygen
11. Total Organic Carbon
12. Total Organic Halides
13. Solids, Percent (%)
14. Solids, Settleable
15. Solids, Suspended
16. Solids, Total
17. Solids, Total Dissolved
18. Solids, Total Volatile
19. Other: SO TI
20. Acidity
21. Alkalinity, as CaCO₃
22. Bromide
23. Bromate/Chlorate/Chlorite
24. Chloride
25. Cyanide
26. Fluoride
27. Hardness, Total as CaCO₃
28. Nitrogen, Ammonia as N
29. Nitrogen, Nitrate as N
30. Nitrogen, Nitrite as N
31. Nitrogen, Total Kjeldahl as N
32. Oil and Grease
33. Phenol
34. Phosphorus Total as P
35. Phosphorus, Ortho as P
36. Sulfates
37. Surfactants
38. UV254

39. Aluminum
40. Antimony
41. Arsenic
42. Barium
43. Beryllium
44. Boron
45. Cadmium
46. Calcium, as CaCO₃
47. Calcium, Ca⁺²
48. Chromium, Total
49. Chromium, Hexavalent
50. Cobalt
51. Copper
52. Iron
53. Lead
54. Magnesium
55. Manganese
56. Mercury
57. Molybdenum
58. Nickel

59. Potassium
60. Selenium
61. Silver
62. Sodium
63. Thallium
64. Vanadium
65. Zinc

CLP

66. Metals/CN
67. Volatiles
68. Semi-volatiles
69. Pesticides/PCB's
70. Disk Deliverables

TCLP

71. TCLP-Metals
72. TCLP-Pesticides
73. TCLP-Herbicides
74. TCLP-Volatiles
75. TCLP-BNA's



ENVIRONMENTAL SERVICES SAMPLE SUBMISSION FORM WESTCHESTER COUNTY LABORATORIES AND RESEARCH

2 Dana Road, Valhalla, New York 10595
(914) 593-5575



NYS-ELAP No. 10108
Form A-70 (rev.1/96)

Date Set:

NYC MB 26504

Sample 8240

16293, 3760, 3974, 8085, 1
316, 0021, 169, 0110, 171, 176, 170

Sample Type (circle one):

1. Potable 3. Non Potable Treated

2. Non Potable 4. Other

Time/Date Collected: 1445 9/14/01

Collected By: RC/DMS

Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 19 Westlake Dr

City/St/Zip Valhalla, N.Y 10595

Identification of Source

Collection Point CROGH L 6498

Bottle #s:

Chain of Custody? yes no

Comments:

PWS #:

Source ID:

Type Descriptor:

Bill to:

Name/Company

Street

City/St/Zip

Phone#:

Fax#:

CA, CH, BI?

Check#:

Amount\$

BACTERIOLOGICAL ANALYSIS

Lab#:

(circle tests)

1. Heterotrophic Plate Count (hemodialysis & all others)
2. Coliform P/A (public supplies)
3. Coliform MPN (priv well, raw, stp)
4. Fecal Coliform (all samples)
5. Microscopic
6. Macroscopic
7. Other:

Refrigerated? yes no

Chlorinated? yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSIS

Lab#:

(circle tests)

1. Trihalomethanes (524)
2. Volatile Halocarbons (524)
3. Volatile Aromatics (524)
4. Total Trihalomethane Potential (510)
5. Microextractables (504)
6. Pesticides (507)
7. Pesticides/PCB screen (508)
8. PCB as Decachlorobiphenyl (508A)
9. Herbicides (515)
10. Pesticides (525)
11. Carbamate Pesticides (531)
12. Glyphosate (547)
13. Diquat (549)
14. Chlorination Disinfection Byproducts (551)
15. Haloacetic Acids (552)
16. Pesticides (SM18/6630)
17. Petroleum/Hydrocarbon Scan (310-13)
18. Other:

ORGANIC NONPOTABLE/SOLID ANALYSIS

1. Purgeable Halocarbons (624/8260)
2. Purgeable Aromatics (624/8260)
3. Acrolein & Acrylonitrile (624)
4. Phthalates (625/8270)
5. Organochlorine Pesticides (608/8081)
6. PCB's (Arochlors) (608/8081)
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15. Purgeable Halocarbons (DEF)
16. Purgeable Aromatics (DEF)
17. Pesticides/PCB's (DEF)
18. Other:

INORGANIC ANALYSIS REQUESTED - Lab#:

(circle tests)

1. Color
2. Turbidity
3. pH
4. Conductivity
5. Corrosivity (temp: °C)
6. BOD (5 day)
7. Soluble BOD (5 day)
8. Carbonaceous BOD (5 day)
9. Chemical Oxygen Demand
10. Dissolved Oxygen
11. Total Organic Carbon
12. Total Organic Halides
13. Solids, Percent (%)
14. Solids, Settleable
15. Solids, Suspended
16. Solids, Total
17. Solids, Total Dissolved
18. Solids, Total Volatile
19. Other: So, Ti
20. Acidity
21. Alkalinity, as CaCO₃
22. Bromide
23. Bromate/Chlorate/Chlorite
24. Chloride
25. Cyanide
26. Fluoride
27. Hardness, Total as CaCO₃
28. Nitrogen, Ammonia as N
29. Nitrogen, Nitrate as N
30. Nitrogen, Nitrite as N
31. Nitrogen, Total Kjeldahl as N
32. Oil an Grease
33. Phenol
34. Phosphorus Total as P
35. Phosphorus, Ortho as P
36. Sulfates
37. Surfactants
38. UV254

39. Aluminum
40. Antimony
41. Arsenic
42. Barium
43. Beryllium
44. Boron
45. Cadmium
46. Calcium, as CaCO₃
47. Calcium, Ca⁺²
48. Chromium, Total
49. Chromium, Hexavalent
50. Cobalt
51. Copper
52. Iron
53. Lead
54. Magnesium
55. Manganese
56. Mercury
57. Molybdenum
58. Nickel

59. Potassium
60. Selenium
61. Silver
62. Sodium
63. Thallium
64. Vanadium
65. Zinc

CLP

66. Metals/CN
67. Volatiles
68. Semi-volatiles
69. Pesticides/PCB's
70. Disk Deliverables

TCLP

71. TCLP-Metals
72. TCLP-Pesticides
73. TCLP-Herbicides
74. TCLP-Volatiles
75. TCLP-BNA's

ENVIRONMENTAL SERVICES SAMPLE SUBMISSION FORM
WESTCHESTER COUNTY LABORATORIES AND RESEARCH2 Dana Road, Valhalla, New York 10595
(914) 593-5575NYS-ELAP No. 10108
Form A-70 (rev.1/96)

Time/Date Set:

Sample Type (circle one):

1. Potable 3. Non Potable Treated

2. Non Potable 4. Other

Time/Date Collected: 9/14/01 1330

Collected By: CURCIO/LOTT Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 19 West Lake Dr.

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point CAT Left # 6496

Bottle #s:

Chain of Custody? yes no

Comments:

PWS #: Source ID: Type Descriptor:

Bill to:

Name/Company

Street

City/St/Zip

Phone#:

Fax#:

CA, CH, BI?

Check#:

Amount\$

BACTERIOLOGICAL ANALYSIS

Lab#:

(circle tests)

- Heterotrophic Plate Count (hemodialysis & all others)
- Coliform P/A (public supplies)
- Coliform MPN (priv well, raw, stp)
- Fecal Coliform (all samples)
- Microscopic
- Macroscopic
- Other:

Refrigerated? yes no

Chlorinated? yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSIS

Lab#:

(circle tests)

- Trihalomethanes (524)
- Volatile Halocarbons (524)
- Volatile Aromatics (524)
- Total Trihalomethane Potential (510)
- Microextractables (504)
- Pesticides (507)
- Pesticides/PCB screen (508)
- PCB as Decachlorobiphenyl (508A)
- Herbicides (515)
- Pesticides (525)
- Carbamate Pesticides (531)
- Glyphosate (547)
- Diquat (549)
- Chlorination Disinfection Byproducts (551)
- Haloacetic Acids (552)
- Pesticides (SM18/6630)
- Petroleum/Hydrocarbon Scan (310-13)
- Other:

ORGANIC NONPOTABLE/SOLID ANALYSIS

- Purgeable Halocarbons (624/8260)
- Purgeable Aromatics (624/8260)
- Acrolein & Acrylonitrile (624)
- Phthalates (625/8270)
- Organochlorine Pesticides (608/8081)
- PCB's (Aroclors) (608/8081)
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- Herbicides (EPA1978/8151)
- Pesticides (SM18/6630)
- Petroleum Hydrocarbon Scan (310-13)
- Glycols
- Acid Extractables (625/8270)
- Base Neutral Extractables (625/8270)
- GC/MS Semivolatile Unknown Scan
- Purgeable Halocarbons (DEF)
- Purgeable Aromatics (DEF)
- Pesticides/PCB's (DEF)
- Other:

INORGANIC ANALYSIS REQUESTED - Lab#:

(circle tests)

- Color
- Turbidity
- pH
- Conductivity
- Corrosivity (temp: °C)
- BOD (5 day)
- Soluble BOD (5 day)
- Carbonaceous BOD (5 day)
- Chemical Oxygen Demand
- Dissolved Oxygen
- Total Organic Carbon
- Total Organic Halides
- Solids, Percent (%)
- Solids, Settleable
- Solids, Suspended
- Solids, Total
- Solids, Total Dissolved
- Solids, Total Volatile
- Other: STAT
- Acidity
- Alkalinity, as CaCO₃
- Bromide
- Bromate/Chlorate/Chlorite
- Chloride
- Cyanide
- Fluoride
- Hardness, Total as CaCO₃
- Nitrogen, Ammonia as N
- Nitrogen, Nitrate as N
- Nitrogen, Nitrite as N
- Nitrogen, Total Kjeldahl as N
- Oil and Grease
- Phenol
- Phosphorus Total as P
- Phosphorus, Ortho as P
- Sulfates
- Surfactants
- UV254

- Aluminum
- Antimony
- Arsenic
- Barium
- Beryllium
- Boron
- Cadmium
- Calcium, as CaCO₃
- Calcium, Ca⁺²
- Chromium, Total
- Chromium, Hexavalent
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel

- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

CLP

- Metals/CN
- Volatiles
- Semi-volatiles
- Pesticides/PCB's
- Disk Deliverables

TCLP

- TCLP-Metals
- TCLP-Pesticides
- TCLP-Herbicides
- TCLP-Volatiles
- TCLP-BNA's

WESTCHESTER COUNTY DEPARTMENT
OF LABS & RESEARCH

CHAIN OF CUSTODY RECORD

PAGE 1/1

SDG# NEW - Kensico Lab
NAME _____
CONTACT _____LABORATORY WESTCHESTER COUNTY
ADDRESS VALHALLA, NEW YORK
CONTACT _____

SAMPLE NO.	LABORATORY SAMPLE NO.	SAMPLING		SAMPLE TYPE	ANALYSES						# OF BOTTLES	PRESER- VATION	COMMENTS (SPECIAL INSTRUCTIONS, CAUTIONS, ETC.)
		DATE	TIME		VOA	BNA	PEST/ PCB	METALS	CN	SOC KIF			
CATLEFF 6496	22652	9/14	13:30	Potable	✓			✓		✓		11	
CROGH 6498	22653	9/14	14:45	Potable	✓			✓		✓			
DELIS 6497	22654	9/14	14:00	Potable	✓			✓		✓			
Catleff 6549	22655	9/15	15:25	Potable	✓			✓		✓			
Del 18 6550	22657	9/15	14:30	Potable	✓			✓		✓			
CroGH 6551	22656	9/15	13:15	Potable	✓			✓		✓			

I. SAMPLED AND RELINQUISHED BY: SIGN: <u>Stephanie Pratt</u> PRINT: <u>Stephanie Pratt</u> FIRM: <u>DEP</u> DATE: <u>9/17/01</u> TIME: <u>12:40</u>		I. RECEIVED BY: SIGN: <u>E. P. Stone</u> PRINT: <u>E. P. Stone</u> FIRM: <u>DEP</u> DATE: <u>9/17/01</u> TIME: <u>12:40</u>		ANALYSES/COMMENTS:		IV. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		IV. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:	
II. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		II. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:		V. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		V. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:	
III. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		III. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:		VI. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		VI. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:	

EVIDENCE SAMPLES TAMPERED WITH: ____ NO ____ YES ____ N/A

IF YES EXPLAIN IN REMARKS

SAMPLES DISPOSED OF ON: _____

BY: _____

Date: 9/15/01

Day: Saturday

New York City Department of Environmental Protection
Kensico Laboratory
General Chain of Custody Form

WEST CITY - 13 BOTTLES

			# OF BOTTLES COLLECTED										
SITE	LOG NUMBER	TIME	CHEM (1L)	TOC (125 ml)	ANALYST Tritium (250, 400 ml)	BACTI (500 ml)	PHYTO (1L amber)	METALS (450, 500 ml)	TTHM (40 ml vial)	TTHMP Gross Alpha (2L glass)	Strontium-90 (2L glass)	PCB (1L glass)	HAA WEST CTU (250 ml glass)
CATLEFF	6549	1525	1		1	1		1		1	1		1
DEL 18	6550	1430	1		1	1		1		1	1		1
Gro GH	6551	1315	1		1	1		1		1	1		1
CRO GH MB Tritium Gro GH MB	6552	1315			1			1		1	1		
CRO GH MB metals	6553	1315						1 25ml					
CRO GH MB Gross Alpha Strontium-90	6554	1315								1	→ combo.		
DEL 18 MB Tritium	6555	1430			1								
DEL 18 MB metals	6556	1430						1 25ml					
DEL 18 MB Gross Alpha Strontium-90	6557	1430								1	→ combo.		
CATLEFF MB Tritium	6558	1525			1								
CATLEFF MB metals	6559	1525						1 25ml					
CATLEFF MB Gross Alpha Strontium-90	6560	1525								1	→ combo.		

COMMENTS: POSSIBLY 3 BOTTLES BROKEN.

Relinquished by: <u>Bullitt</u>	Sample #s: <u>6549-6560</u>	Date/Time <u>9/15/01 1655</u>	RECEIVED BY CHEMISTRY: <u>S. A. Kim</u>	<u>9/16/01 0930</u> (Date/Time)	RECEIVED BY MICRO: <u>1655</u>	<u>9/15/01</u> (Date/Time)	RECEIVED BY INSTRUMENTS:	(Date/Time)
Relinquished by: <u>Stephanie</u>	Sample #s: <u>13 bottles</u>	Date/Time <u>9/17/01 12:40</u>	RECEIVED BY CHEMISTRY: <u>E. B. Stone</u>	<u>9/17/01 12:40</u> (Date/Time)	RECEIVED BY MICRO:	(Date/Time)	RECEIVED BY INSTRUMENTS:	(Date/Time)
Relinquished by:	Sample #s:	Date/Time	RECEIVED BY CHEMISTRY:	(Date/Time)	RECEIVED BY MICRO:	(Date/Time)	RECEIVED BY INSTRUMENTS:	(Date/Time)

**All samples collected, preserved, and transported according to Division SOP guidelines.

ENVIRONMENTAL SERVICES SAMPLE SUBMISSION FORM
WESTCHESTER COUNTY LABORATORIES AND RESEARCH2 Dana Road, Valhalla, New York 10595
(914) 593-5575

Time/Date Set:

6556 6521553-1
METFORMB # 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
Form A-70 (rev.1/96)

Sample Type (circle one):

1. Potable 3. Non Potable Treated
2. Non Potable 4. Other

Time/Date Collected: 1430 / 9-15-01

Collected By: MN/BA Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 17 WEST LAKE DRIVE

City/St/Zip VALHALLA, NY 10595

Identification of Source

Collection Point DEL18 #6550

Bottle #'s:

Chain of Custody? yes no

Comments:

PWS #: Source ID: Type Descriptor:

Bill to:

Name/Company

Street

City/St/Zip

Phone#:

Fax#:

CA,CH, BI?

Check#:

Amount\$

BACTERIOLOGICAL ANALYSIS

Lab#:

(circle tests)

1. Heterotrophic Plate Count (hemodialysis & all others)
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4. Fecal Coliform (all samples)
5. Microscopic
6. Macroscopic
7. API
8. Other:

Refrigerated? yes no

Chlorinated? yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSIS

Lab#:

(circle tests)

1. Trihalomethanes (524)
2. Volatile Halocarbons (524)
3. Volatile Aromatics (524)
4. Total Trihalomethane Potential (510)
5. Microextractables (504)
6. Pesticides (507)
7. Pesticides/PCB screen (508)
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9. Herbicides (515)
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16. Pesticides (SM18/6630)
17. Petroleum/Hydrocarbon Scan (310-13)
18. Other:

ORGANIC NONPOTABLE/SOLID ANALYSIS

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2. Purgeable Aromatics (624/8260)
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11. Glycols
12. Acid Extractables (625/8270)
13. Base Neutral Extractables (625/8270)
14. GC/MS Semivolatile Unknown Scan
15. Purgeable Halocarbons (DEF)
16. Purgeable Aromatics (DEF)
17. Pesticides/PCB's (DEF)
18. Other:

INORGANIC ANALYSIS REQUESTED - Lab#:

(circle tests)

1. Color
2. Turbidity
3. pH
4. Conductivity
5. Corrosivity (temp: °C)
6. BOD (5 day)
7. Soluble BOD (5 day)
8. Carbonaceous BOD (5 day)
9. Chemical Oxygen Demand
10. Dissolved Oxygen
11. Total Organic Carbon
12. Total Organic Halides
13. Solids, Percent (%)
14. Solids, Settleable
15. Solids, Suspended
16. Solids, Total
17. Solids, Total Dissolved
18. Solids, Total Volatile
19. Other: SAT
20. Acidity
21. Alkalinity, as CaCO₃
22. Bromide
23. Bromate/Chlorate/Chlorite
24. Chloride
25. Cyanide
26. Fluoride
27. Hardness, Total as CaCO₃
28. Nitrogen, Ammonia as N
29. Nitrogen, Nitrate as N
30. Nitrogen, Nitrite as N
31. Nitrogen, Total Kjeldahl as N
32. Oil and Grease
33. Phenol
34. Phosphorus Total as P
35. Phosphorus, Ortho as P
36. Sulfates
37. Surfactants
38. UV254

39. Aluminum
40. Antimony
41. Arsenic
42. Barium
43. Beryllium
44. Boron
45. Cadmium
46. Calcium, as CaCO₃
47. Calcium, Ca²⁺
48. Chromium, Total
49. Chromium, Hexavalent
50. Cobalt
51. Copper
52. Iron
53. Lead
54. Magnesium
55. Manganese
56. Mercury
57. Molybdenum
58. Nickel

59. Potassium
60. Selenium
61. Silver
62. Sodium
63. Thallium
64. Vanadium
65. Zinc

CLP

66. Metals/CN
67. Volatiles
68. Semi-volatiles
69. Pesticides/PCB's
70. Disk Deliverables

TCLP

71. TCLP-Metals
72. TCLP-Pesticides
73. TCLP-Herbicides
74. TCLP-Volatiles
75. TCLP-BNA's

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Suppl
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received By: EP**Bottle No.:** catleff 6496**Collected By:** CURCIO/SCOTT**Comment:****Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Sample Point:** CAT LEFF #6496**ID of Source:** NYC**Collection Date:** 9/14/2001 AT 1:30:00 P**Submitted On:** 9/17/2001 AT 12:45:00**Sample Type:** POT_DW**PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival?** yes**Report To:****Sample No. AD22652**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	9/18/2001	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	9/18/2001	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	9/19/2001	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	9/18/2001	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	9/18/2001	PAD
EPA94 200.	Calcium	5300	ug/L	1000.0	9/18/2001	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	9/18/2001	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	9/18/2001	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	9/18/2001	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	9/18/2001	PAD
EPA94 200.	Iron	< MDL	ug/L	20.0	9/18/2001	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	9/18/2001	PAD
SM18 3111	Potassium	540	ug/L	100.0	9/18/2001	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/5/2001**Environmental Laboratories**
NYS ELAP # 10108
(914) 893-5578

Original Fax 10/5/2001

Page 1 of 7

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595

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

Attention: Steve Schindler

Received By: EP

Bottle No.: catieff 6496

Collected By: CURCIO/SCOTT

Comment:

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

Sample Point: CAT LEFF #6496

ID of Source: NYC

Collection Date: 9/14/2001 AT 1:30:00 P

Submitted On: 9/17/2001 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report To:

Sample No. AD22652

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	1200	ug/L	1000.0	9/18/2001	PAD
EPA94 200.	Manganese	23	ug/L	20.0	9/18/2001	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	9/18/2001	PAD
EPA94 200.	Sodium	3600	ug/L	1000.0	9/18/2001	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	9/18/2001	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	9/18/2001	PAD
EPA79 4.1.	Potable Metals Digestion	Completed			9/18/2001	PAD
SM18 3111	Antimony	< MDL	ug/L	6	9/20/2001	PAD
SM18 3113	Selenium	< MDL	ug/L	2	9/19/2001	PAD
SM18 3113	Tin	< MDL	ug/L	100	9/20/2001	PAD
	Stat charge for HG TEST	Completed			9/20/2001 8:01 AM	PAD
	Stat charge for HGA test	Completed			10/3/2001 3:10 PM	PAD
	Stat charge for ICP	Completed			9/18/2001 4:09 PM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	9/19/2001	PAD

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/5/2001

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NYS ELAP # 10108
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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Supply
465 Columbus Ave.
Valhalla, NY 10595

Attention: Steve Schindler

Received By: EP**Bottle No.:** catleff 6496**Collected By:** CURCIO/SCOTT**Comment:****Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Sample Point:** CAT LEFF #6496**ID of Source:** NYC**Collection Date:** 9/14/2001 AT 1:30:00 P**Submitted On:** 9/17/2001 AT 12:45:00**Sample Type:** POT_DW**PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival? :** yes**Report To:****Sample No. AD22652**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	9/20/2001	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	9/18/2001	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	9/18/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/19/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/19/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/19/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/19/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/19/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/19/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/19/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/19/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/19/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/19/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/19/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/19/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/19/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/19/2001	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/5/2001**Environmental Laboratories**
NYS ELAP # 10108
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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595

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

Attention: Steve Schindler

Received By: EP

Bottle No.: catleff 6496

Collected By: CURCIO/SCOTT

Comment:

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

Sample Point: CAT LEFF #6496

ID of Source: NYC

Collection Date: 9/14/2001 AT 1:30:00 P

Submitted On: 9/17/2001 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report To:

Sample No. AD22652

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/19/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/19/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/5/2001

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NYS ELAP # 10108
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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595

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

Attention: Steve Schindler

Received By: EP

Bottle No.: catieff 6496

Collected By: CURCIO/SCOTT

Comment:

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

Sample Point: CAT LEFF #6496

ID of Source: NYC

Collection Date: 9/14/2001 AT 1:30:00 P

Submitted On: 9/17/2001 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report To:

Sample No. AD22652

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/19/2001	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/5/2001

Environmental Laboratories
NYS ELAP # 10108
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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595

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

Attention: Steve Schindler

Received By: EP

Bottle No.: catleff 6496

Collected By: CURCIO/SCOTT

Comment:

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

Sample Point: CAT LEFF #6496

ID of Source: NYC

Collection Date: 9/14/2001 AT 1:30:00 P

Submitted On: 9/17/2001 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival?: yes

Report To:

Sample No. AD22652

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	O-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/19/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/19/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	9/25/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	9/25/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	9/25/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	9/25/2001	DLV
	Alachlor	< MDL	ug/L	0.20	9/25/2001	DLV
	Atrazine	< MDL	ug/L	0.10	9/25/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	9/25/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	9/25/2001	DLV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/5/2001

Environmental Laboratories
NYS ELAP # 10108
(914) 593-5575

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595

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

Attention: Steve Schindler

Received By: EP

Bottle No.: catleff 6496

Collected By: CURCIO/SCOTT

Comment:

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

Sample Point: CAT LEFF #6496

ID of Source: NYC

Collection Date: 9/14/2001 AT 1:30:00 P

Submitted On: 9/17/2001 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : yes

Report To:

Sample No. AD22652

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	1.6	ug/L	0.60	9/25/2001	DLV
	Butachlor	< MDL	ug/L	0.40	9/25/2001	DLV
	EPTC	< MDL	ug/L	1.0	9/25/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	9/25/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	9/25/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	9/25/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	9/25/2001	DLV
	Molinate	< MDL	ug/L	0.90	9/25/2001	DLV
	Simazine	< MDL	ug/L	0.07	9/25/2001	DLV
	Terbacil	< MDL	ug/L	2.0	9/25/2001	DLV

The recovery for bis(2-Ethylhexyl)phthalate in the MDL Standard was above its acceptance range. The recoveries for Terbacil in the LCS Standard and the Spiked Sample were above their acceptance ranges.

Stat charge for VOLATILE organic te

Completed

9/19/2001 11:26 AM SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/5/2001

Environmental Laboratories
NYS ELAP # 10108
(914) 893-8575

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle crogh 6498

Collected By: CURCIO/SCOTT

Comment:

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

Sample CRO GH #6498

ID of Source: NYC

Collection 09/14/01 AT 2:45:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22653

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/20/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/20/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/19/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/20/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Calcium	21000	ug/L	1000.0	09/20/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/20/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/20/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	iron	48	ug/L	20.0	09/20/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/18/01	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water Supply
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Attention: Steve Schindler

Received EP

Bottle crogh 6498

Collected By: CURCIO/SCOTT

Comment:

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

Sample CRO GH #6498

ID of Source: NYC

Collection 09/14/01 AT 2:45:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22653

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	1860	ug/L	100.0	09/18/01	PAD
EPA94	Magnesium	6900	ug/L	1000.0	09/20/01	PAD
EPA94	Manganese	87	ug/L	20.0	09/20/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/20/01	PAD
EPA94	Sodium	27000	ug/L	1000.0	09/20/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/20/01	PAD
SM18	Lead	3.3	ug/L	1.0	09/18/01	PAD
EPA79	Potable Metals Digestion	Completed			09/18/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/20/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/19/01	PAD
SM18	Tin	< MDL	ug/L	100	09/20/01	PAD
	Stat charge for HG TEST	Completed			09/20/01 8:02 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle crogh 6498

Collected By: CURCIO/SCOTT

Comment:

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

Sample CRO GH #6498

ID of Source: NYC

Collection 09/14/01 AT 2:45:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22653

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/18/01 4:11 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/21/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/20/01	PAD

Organics

Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	09/19/01	DLV
Aldrin	< MDL	ug/L	0.010	09/19/01	DLV
Chlordane	< MDL	ug/L	0.40	09/19/01	DLV
Dieldrin	< MDL	ug/L	0.016	09/19/01	DLV
Endrin	< MDL	ug/L	0.020	09/19/01	DLV
Heptachlor	< MDL	ug/L	0.020	09/19/01	DLV
Heptachlor Epoxide	< MDL	ug/L	0.030	09/19/01	DLV
Lindane	< MDL	ug/L	0.030	09/19/01	DLV
Methoxychlor	< MDL	ug/L	0.039	09/19/01	DLV
PCB's	< MDL	ug/L	0.20	09/19/01	DLV
Propachlor	< MDL	ug/L	0.040	09/19/01	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received EP
Bottle crogh 6498
Collected By: CURCIO/SCOTT
Comment:

Sample CRO GH #6498
ID of Source: NYC
Collection 09/14/01 AT 2:45:00
Submitted 09/17/01 AT 12:45:00
Sample Type: POT_DW
PWS No.: Source Code: 000

Type Descriptor:
Chilled on arrival?: yes

Report

Sample No. AD22653

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/19/01	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/19/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/19/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle crogh 6498

Collected By: CURCIO/SCOTT

Comment:

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

Sample CRO GH #6498

ID of Source: NYC

Collection 09/14/01 AT 2:45:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22653

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/19/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/19/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle crogh 6498

Collected By: CURCIO/SCOTT

Comment:

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

Sample CRO GH #6498

ID of Source: NYC

Collection 09/14/01 AT 2:45:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22653

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/19/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/19/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/19/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/19/01	SV

Organic Chemicals - 525.2

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle crogh 6498

Collected By: CURCIO/SCOTT

Comment:

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

Sample CRO GH #6498

ID of Source: NYC

Collection 09/14/01 AT 2:45:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22653

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/24/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/24/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/24/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/24/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/24/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/24/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/24/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/24/01	DLV
	EPTC	< MDL	ug/L	1.0	09/24/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/24/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/24/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/24/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/24/01	DLV
	Molinate	< MDL	ug/L	0.90	09/24/01	DLV
	Simazine	< MDL	ug/L	0.07	09/24/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/24/01	DLV

The recovery for Terbacil in the LCS Standard was above its acceptance range.

Stat charge for VOLATILE organic

Completed

09/19/01 12:02 AM SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

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

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	09/20/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/20/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/19/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/20/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Calcium	5400	ug/L	1000.0	09/20/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/20/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/20/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/20/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/18/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

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

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	510	ug/L	100.0	09/18/01	PAD
EPA94	Magnesium	1100	ug/L	1000.0	09/20/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/20/01	PAD
EPA94	Sodium	3700	ug/L	1000.0	09/20/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/20/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/18/01	PAD
EPA'79	Potable Metals Digestion	Completed			09/18/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/20/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/19/01	PAD
SM18	Tin	< MDL	ug/L	100	09/20/01	PAD
	Stat charge for HG TEST	Completed			09/20/01 8:04 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

Report

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

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/18/01 4:11 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/21/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/20/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/19/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/19/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/19/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/19/01	DLV
	Endrin	< MDL	ug/L	0.020	09/19/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/19/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/19/01	DLV
	Lindane	< MDL	ug/L	0.030	09/19/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/19/01	DLV
	PCB's	< MDL	ug/L	0.20	09/19/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/19/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

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

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/19/01	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/19/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/19/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

Report

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

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/19/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/19/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/19/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

Copy of Fax 10/17/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

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

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/19/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/19/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/19/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/19/01	SV

The recovery of naphthalene in the calibration standard associated with this sample was 63%.

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

Copy of Fax 10/17/01

NYS ELAP # 10108

Page 6 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

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

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/24/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/24/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/24/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/24/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/24/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/24/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/24/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/24/01	DLV
	EPTC	< MDL	ug/L	1.0	09/24/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/24/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/24/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/24/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/24/01	DLV
	Molinate	< MDL	ug/L	0.90	09/24/01	DLV
	Simazine	< MDL	ug/L	0.07	09/24/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/24/01	DLV

The recovery for Terbacil in the LCS Standard was above its acceptance range.

GCMS Scan For Unknowns

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

Copy of Fax 10/17/01

NYS ELAP # 10108

Page 7 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6497

Collected By: CURCIO/SCOTT

Comment:

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19 WEST LAKE DRIVE
VALHALLA, N.Y.

Sample DEL 18 #6497

ID of Source: NYC

Collection 09/14/01 AT 2:00:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22654

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Other unknown compounds	.	ug/L		10/12/01	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 any non-target compounds generally different than those in the Laboratory Blank, except that the levels are higher in the sample than in the Laboratory Blank.

Stat charge for VOLATILE organic

Completed

09/20/01 11:31 AM SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/17/01

Environmental Laboratories

Copy of Fax 10/17/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle catleff 6549

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/20/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/20/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/19/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/20/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Calcium	5300	ug/L	1000.0	09/20/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/20/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/20/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/20/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/18/01	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

Page 1 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle catleff 6549

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	560	ug/L	100.0	09/18/01	PAD
EPA94	Magnesium	1200	ug/L	1000.0	09/20/01	PAD
EPA94	Manganese	24	ug/L	20.0	09/20/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/20/01	PAD
EPA94	Sodium	3700	ug/L	1000.0	09/20/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/20/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/18/01	PAD
EPA79	Potable Metals Digestion	Completed			09/18/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/20/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/19/01	PAD
SM18	Tin	< MDL	ug/L	100	09/20/01	PAD
	Stat charge for HG TEST	Completed			09/20/01 8:06 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle catleff 6549

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/18/01 4:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/21/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/20/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/19/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/19/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/19/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/19/01	DLV
	Endrin	< MDL	ug/L	0.020	09/19/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/19/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/19/01	DLV
	Lindane	< MDL	ug/L	0.030	09/19/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/19/01	DLV
	PCB's	< MDL	ug/L	0.20	09/19/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/19/01	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle catleff 6549

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/19/01	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/19/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/19/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

Page 4 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle catleff 6549

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/19/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/19/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

Page 5 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle catieff 6549

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/19/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/19/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/19/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/19/01	SV

The recovery of naphthalene in the calibration standard associated with this sample was 63%.

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

Page 6 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle catleff 6549

Collected By: NEWMAN/ANTOL

Comment:

Report

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/24/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/24/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/24/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/24/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/24/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/24/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/24/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/24/01	DLV
	EPTC	< MDL	ug/L	1.0	09/24/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/24/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/24/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/24/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/24/01	DLV
	Molinate	< MDL	ug/L	0.90	09/24/01	DLV
	Simazine	< MDL	ug/L	0.07	09/24/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/24/01	DLV

The recovery for Terbacil in the LCS Standard was above its acceptance range.

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Attention: Steve Schindler

Received EP

Bottle catleff 6549

Collected By: NEWMAN/ANTOL

Comment:

Report

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

Sample CAT LEFF #6549

ID of Source: NYC

Collection 09/15/01 AT 3:25:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Sample No. AD22655

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for VOLATILE organic	Completed			09/20/01 11:31 AM	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

Page 8 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle crogh 6551

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CRO GH #6551

ID of Source: NYC

Collection 09/15/01 AT 1:15:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22656

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/20/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/20/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/19/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/20/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Calcium	21000	ug/L	1000.0	09/20/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/20/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/20/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	iron	49	ug/L	20.0	09/20/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/18/01	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle crogh 6551

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CRO GH #6551

ID of Source: NYC

Collection 09/15/01 AT 1:15:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22656

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	1870	ug/L	100.0	09/18/01	PAD
EPA94	Magnesium	6900	ug/L	1000.0	09/20/01	PAD
EPA94	Manganese	90	ug/L	20.0	09/20/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/20/01	PAD
EPA94	Sodium	27000	ug/L	1000.0	09/20/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/20/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/18/01	PAD
EPA79	Potable Metals Digestion	Completed			09/18/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/20/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/19/01	PAD
SM18	Tin	< MDL	ug/L	100	09/20/01	PAD
	Stat charge for HG TEST	Completed			09/20/01 8:08 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

Copy of Fax 10/04/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle crogh 6551

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CRO GH #6551

ID of Source: NYC

Collection 09/15/01 AT 1:15:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22656

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/18/01 4:12 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/21/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/20/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/20/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/19/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/19/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/19/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/19/01	DLV
	Endrin	< MDL	ug/L	0.020	09/19/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/19/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/19/01	DLV
	Lindane	< MDL	ug/L	0.030	09/19/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/19/01	DLV
	PCB's	< MDL	ug/L	0.20	09/19/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/19/01	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle crogh 6551

Collected By: NEWMAN/ANTOL

Comment:

Report

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

Sample CRO GH #6551

ID of Source: NYC

Collection 09/15/01 AT 1:15:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Sample No. AD22656

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/19/01	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/19/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/19/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle crogh 6551

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CRO GH #6551

ID of Source: NYC

Collection 09/15/01 AT 1:15:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22656

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/19/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/19/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle crogh 6551

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CRO GH #6551

ID of Source: NYC

Collection 09/15/01 AT 1:15:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22656

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/19/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/19/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/19/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/19/01	SV

Organic Chemicals - 525.2

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle crogh 6551

Collected By: NEWMAN/ANTOL

Comment:

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

Sample CRO GH #6551

ID of Source: NYC

Collection 09/15/01 AT 1:15:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22656

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/24/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/24/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/24/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/24/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/24/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/24/01	DLV
	bis(2-Ethylhexyl)phthalate	1.2	ug/L	0.60	09/24/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/24/01	DLV
	EPTC	< MDL	ug/L	1.0	09/24/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/24/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/24/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/24/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/24/01	DLV
	Molinate	< MDL	ug/L	0.90	09/24/01	DLV
	Simazine	< MDL	ug/L	0.07	09/24/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/24/01	DLV

The recovery for Terbacil in the LCS Standard was above its acceptance range.

Stat charge for VOLATILE organic

Completed

09/19/01 12:02 AM SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6550

Collected By: NEWMAN/ANTOL

Comment:

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

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22657

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/18/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/18/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/19/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/18/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/18/01	PAD
EPA94	Calcium	5400	ug/L	1000.0	09/18/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/18/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/18/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/18/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/18/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/18/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/18/01	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle del18 6550

Collected By: NEWMAN/ANTOL
Comment:

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

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22657

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	510	ug/L	100.0	09/18/01	PAD
EPA94	Magnesium	1100	ug/L	1000.0	09/18/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/18/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/18/01	PAD
EPA94	Sodium	3700	ug/L	1000.0	09/18/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/18/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/18/01	PAD
EPA79	Potable Metals Digestion	Completed			09/18/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/20/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/19/01	PAD
SM18	Tin	< MDL	ug/L	100	09/20/01	PAD
	Stat charge for HG TEST	Completed			09/20/01 8:10 AM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6550

Collected By: NEWMAN/ANTOL

Comment:

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

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22657

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/18/01 4:13 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/21/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/18/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/18/01	PAD

Organics

Chlorine Pesticides - 508

4,4-DDE	< MDL	ug/L	0.080	09/19/01	DLV
Aldrin	< MDL	ug/L	0.010	09/19/01	DLV
Chlordane	< MDL	ug/L	0.40	09/19/01	DLV
Dieldrin	< MDL	ug/L	0.016	09/19/01	DLV
Endrin	< MDL	ug/L	0.020	09/19/01	DLV
Heptachlor	< MDL	ug/L	0.020	09/19/01	DLV
Heptachlor Epoxide	< MDL	ug/L	0.030	09/19/01	DLV
Lindane	< MDL	ug/L	0.030	09/19/01	DLV
Methoxychlor	< MDL	ug/L	0.039	09/19/01	DLV
PCB's	< MDL	ug/L	0.20	09/19/01	DLV
Propachlor	< MDL	ug/L	0.040	09/19/01	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received EP

Bottle del18 6550

Collected By: NEWMAN/ANTOL
Comment:

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

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22657

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/19/01	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/19/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/19/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/19/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received EP

Bottle del18 6550

Collected By: NEWMAN/ANTOL

Comment:

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

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22657

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/19/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/19/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/19/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/19/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

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REPORT OF ANALYSIS

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Agency: NYCDEP Bureau Water Supply
 465 Columbus Ave.
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Attention: Steve Schindler
Received EP

Bottle del18 6550

Collected By: NEWMANANTOL

Comment:

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

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22657

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/19/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/19/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/19/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/19/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/19/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/19/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/19/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/19/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/19/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/19/01	SV

Organic Chemicals - 525.2

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

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REPORT OF ANALYSIS

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Agency: NYCDEP Bureau Water Supply
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Received EP

Bottle del18 6550

Collected By: NEWMAN/ANTOL

Comment:

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

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report**Sample No. AD22657**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/24/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/24/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/24/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/24/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/24/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/24/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/24/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/24/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/24/01	DLV
	EPTC	< MDL	ug/L	1.0	09/24/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/24/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/24/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/24/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/24/01	DLV
	Molinate	< MDL	ug/L	0.90	09/24/01	DLV
	Simazine	< MDL	ug/L	0.07	09/24/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/24/01	DLV

The recovery for Terbacil in the LCS Standard was above its acceptance range. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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REPORT OF ANALYSIS

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VALHALLA, N.Y.

Sample DEL 18 #6550

ID of Source: NYC

Collection 09/15/01 AT 2:30:00

Submitted 09/17/01 AT 12:45:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: yes

Report

Sample No. AD22657

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for VOLATILE organic	Completed			09/19/01 12:02 AM SV	

Approved Pam Dilsizian

QA Officer

Date Approved: 10/04/01

Environmental Laboratories

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