

NYC 9/11 Public Portal Document

OF BOTTLES COLLECTED

COMMENTS:

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



Westchester County

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)

Time/Date Set: _____

Sample Type (circle one):

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

Time/Date Collected: 06/19/09-23-01Collected By: NEWMAN/ANTAL Agency Code: _____

Collected From: _____

Location's/Individual's Name NYC DEPStreet 19 West Lake DrCity/St/Zip Valhalla NY 10595

Identification of Source _____

Collection Point Del 16Bottle #'s: 3472 K-4246 K-5624
P-8396 P-8397 P-8398 P-8399 P-8400 P-8401
P-8402 P-8403 P-8404 P-8405 P-8406 P-8407Chain 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 ANALYSES

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. API
8. Other: _____

Refrigerated? yes noChlorinated?: yes no

Free Chlorine Res: _____ mg/L

Total Chlorine Res: _____ mg/L

pH _____

ORGANIC POTABLE ANALYSES

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. Other Pesticides (SM-18/6630)
17. Petroleum/Hydrocarbon Scan (310-13)

ORGANIC NONPOTABLE/SOLID ANALYSES

1. Purgeable Halocarbons (624/8260)
2. Purgeable Aromatics (624/8260)
3. Acrolein & Acrylonitrile (624)
4. Phthalates (606/8060)
5. Organochlorine Pesticides (608/8080)
6. PCB's (Arochlors) (608/8080)
7. Herbicides (SM-18/6640; 8151)
8. Other Pesticides (SM-18/6630)
9. Petroleum Hydrocarbon Scan (310-13)
10. Glycols in Water
11. Acid Extractables (625/8270)
12. Base Neutral Extractables (625/8270)
13. GC/MS Unknown Scan
14. Purgeable Halocarbons (DEF)
15. Purgeable Aromatics (DEF)
16. Pesticides (DEF)
17. PCB's (Arochlors) (DEF)

INORGANIC ANALYSES REQUESTED - Lab #: 23340

(circle tests)

- | | | |
|---------------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
| 5. Corrosivity (temp: _____ °C) | 24. Chloride | 43. Beryllium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ²⁺ |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper |
| 14. Solids, Settleable | 33. Phenol | 52. Iron |
| 15. Solids, Suspended | 34. Phosphorus, Total as P | 53. Lead |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: <u>Sn, T</u> | 38. UV254 | 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



Westchester County

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: 09-23-01

Sample Type (circle one):

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

Bottle #s: 1-9624, 9620, 9619, 9651

Chain of Custody? yes no

Time/Date Collected: 0930 / 09-23-01

Comments:

Collected By: NEWMAN/ANTAL Agency Code:

PWS #: Source ID: Type Descriptor:

Collected From:

Bill to:

Location's/Individual's Name NYC DEP

Name/Company

Street 19 West Lake Dr.

Street

City/St/Zip Valhalla, NY 10595

City/St/Zip

Identification of Source

Phone#: Fax #:

Collection Point CRO GW

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

BACTERIOLOGICAL ANALYSES

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. API

Other: _____

Refrigerated? yes no

Chlorinated?: yes no

Free Chlorine Res: _____ mg/L

Total Chlorine Res: _____ mg/L

pH

ORGANIC POTABLE ANALYSES

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. Other Pesticides (SM-18/6630)
17. Petroleum/Hydrocarbon Scan (310-13)

ORGANIC NONPOTABLE/SOLID ANALYSES

1. Purgeable Halocarbons (624/8260)
2. Purgeable Aromatics (624/8260)
3. Acrolein & Acrylonitrile (624)
4. Phthalates (606/8060)
5. Organochlorine Pesticides (608/8080)
6. PCB's (Arochlors) (608/8080)
7. Herbicides (SM-18/6640; 8151)
8. Other Pesticides (SM-18/6630)
9. Petroleum Hydrocarbon Scan (310-13)
10. Glycols in Water
11. Acid Extractables (625/8270)
12. Base Neutral Extractables (625/8270)
13. GC/MS Unknown Scan
14. Purgeable Halocarbons (DEF)
15. Purgeable Aromatics (DEF)
16. Pesticides (DEF)
17. PCB's (Arochlors) (DEF)

INORGANIC ANALYSES REQUESTED - Lab#:

(circle tests)

- | | | |
|---------------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
| 5. Corrosivity (temp: _____ °C) | 24. Chloride | 43. Beryllium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ²⁺ |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper |
| 14. Solids, Settleable | 33. Phenol | 52. Iron |
| 15. Solids, Suspended | 34. Phosphorus, Total as P | 53. Lead |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: <u>Sn, Ti</u> | 38. UV254 | 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)

Time/Date Set:

Sample Type (circle one):

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

Time/Date Collected: 0630 9/23/01

Collected By: Newman/Hotel 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 466

KTG-0374, K 5894

Q-8616, QFB-8654, C-0052, K-7095, K-7021
Bottle #s: PEB-8568, P-8609, P-8594, Q-8625

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

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)
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#: 23342

(circle tests)

- | | | |
|---------------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
| 5. Corrosivity (temp: _____ °C) | 24. Chloride | 43. Beryllium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ²⁺ |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper |
| 14. Solids, Settleable | 33. Phenol | 52. Iron |
| 15. Solids, Suspended | 34. Phosphorus Total as P | 53. Lead |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: <u>Sn, Ti</u> | 38. UV254 | 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

WESTCHESTER COUNTY DEPARTMENT OF LABS & RESEARCH							CHAIN OF CUSTODY RECORD						PAGE _____ OF _____	
SDG# NAME CONTACT					LABORATORY WESTCHESTER COUNTY ADDRESS VALHALLA, NEW YORK CONTACT									
SAMPLE NO.	LABORATORY SAMPLE NO.	SAMPLING DATE TIME		SAMPLE TYPE	ANALYSES VOA BNA PEST/PCB METALS CN						# OF BOTTLES	PRESER-VATION	COMMENTS (SPECIAL INSTRUCTIONS, CAUTIONS, ETC.)	
Cat Luff	23343	9/22/01	0615		✓			✓			✓			
Del 18	23344	9/22/01	0644		✓			✓			✓			
CRO CH	23345	9/22/01	0943		✓			✓			✓			
I. SAMPLED AND RELINQ. BY: SIGN: D.W. Robinson PRINT: D.W. Robinson FIRM: NYC-DEP DATE: 9/24/01 TIME: 0915	I. RECEIVED BY: SIGN: [Signature] PRINT: Leslie Kelly FIRM: LCR DATE: 9/24/01 TIME: 9:15	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					SAMPLES DISPOSED OF ON: _____									
IF YES EXPLAIN IN REMARKS					BY: _____									



Westchester County

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)

Time/Date Set:

Sample Type (circle one):

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

Time/Date Collected: 0615 / 09-22-01

Collected By: NEWMAN/ANTAL Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 19 Westlake Drive

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point Cat Loff

Bottle #'s: K-7437, K-1, Q-8613, QFB 8643, G-0046, KFB-0261, K-7445

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 ANALYSES

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
- API
- Other:

Refrigerated? yes no

Chlorinated? yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSES

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)
- Other Pesticides (SM-18/6630)
- Petroleum/Hydrocarbon Scan (310-13)

ORGANIC NONPOTABLE/SOLID ANALYSES

Lab #:

(circle tests)

- Purgeable Halocarbons (624/8260)
- Purgeable Aromatics (624/8260)
- Acrolein & Acrylonitrile (624)
- Phthalates (606/8060)
- Organochlorine Pesticides (608/8080)
- PCB's (Arochlors) (608/8080)
- Herbicides (SM-18/6640; 8151)
- Other Pesticides (SM-18/6630)
- Petroleum Hydrocarbon Scan (310-13)
- Glycols in Water
- Acid Extractables (625/8270)
- Base Neutral Extractables (625/8270)
- GC/MS Unknown Scan
- Purgeable Halocarbons (DEF)
- Purgeable Aromatics (DEF)
- Pesticides (DEF)
- PCB's (Arochlors) (DEF)

INORGANIC ANALYSES REQUESTED - Lab#:

(circle tests)

- | | | |
|-----------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
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| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ²⁺ |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper |
| 14. Solids, Settleable | 33. Phenol | 52. Iron |
| 15. Solids, Suspended | 34. Phosphorus, Total as P | 53. Lead |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: SO, Ti | 38. UV254 | 57. Molybdenum |
| | | 58. 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
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- TCLP-BNA's



Westchester County

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)

Time/Date Set:

Sample Type (circle one):

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

Time/Date Collected: 0644 / 09-22-01Collected By: NEWMAN/ANTAL Agency Code:

Collected From:

Location's/Individual's Name NYC DEPStreet 19 West Lake DrCity/St/Zip Valhalla NY 10545

Identification of Source

Collection Point Dx118

K-610, KTB 0378
P-8604, PFC 8582, C-0059, K-6420, K-6433
Bottle #'s: Q-8610, Q-8611, Q-8612, P-8604

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 ANALYSES

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. AP:
- Other: _____

Refrigerated? yes noChlorinated?: yes no

Free Chlorine Res: _____ mg/L

Total Chlorine Res: _____ mg/L

pH

ORGANIC POTABLE ANALYSES

Lab #:

(circle tests)

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2. Volatile Halocarbons (524)
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9. Herbicides (515)
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6. PCB's (Arochlors) (608/8080)
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10. Glycols in Water
11. Acid Extractables (625/8270)
12. Base Neutral Extractables (625/8270)
13. GC/MS Unknown Scan
14. Purgeable Halocarbons (DEF)
15. Purgeable Aromatics (DEF)
16. Pesticides (DEF)
17. PCB's (Arochlors) (DEF)

INORGANIC ANALYSES REQUESTED - Lab#:

(circle tests)

- | | | |
|---------------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
| 5. Corrosivity (temp: _____ °C) | 24. Chloride | 43. Beryllium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ²⁺ |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper |
| 14. Solids, Settleable | 33. Phenol | 52. Iron |
| 15. Solids, Suspended | 34. Phosphorus, Total as P | 53. Lead |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: <u>Sn, Ti</u> | 38. UV254 | 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:

Sample Type (circle one):

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

Time/Date Collected: 0943 / 09-22-01

Collected By: NEWMAN / ANTA 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 CRO GH

K-7471, KFP-0326
P-8603, PFB-8573, C-0039, K-7667, K-7045
Bottle #s: Q-8615, Q-8626, QFB 8646, P-8607

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. _____
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 (Arochlors) (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#: 23345

(circle tests)

- | | | |
|---------------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
| 5. Corrosivity (temp: _____ °C) | 24. Chloride | 43. Beryllium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ⁺² |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper |
| 14. Solids, Settleable | 33. Phenol | 52. Iron |
| 15. Solids, Suspended | 34. Phosphorus Total as P | 53. Lead |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: <u>Sn, Ti</u> | 38. UV254 | 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-BNAs

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k3472,4296,5624,p8598,8574,86

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL 18

ID of Source:

Collection 9/23/2001 AT 6:49:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23340

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/26/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/26/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	9/26/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/26/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	9/26/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	430	ug/L	100.0	9/27/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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

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

Attention: Steve Schindler

Received LK

Bottle k3472,4296,5624,p8598,8574,86

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL 18

ID of Source:

Collection 9/23/2001 AT 6:49:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23340

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	9/26/2001	PAD
EPA94	Manganese	21	ug/L	20.0	9/26/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/26/2001	PAD
EPA94	Sodium	3700	ug/L	1000.0	9/26/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/26/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/24/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/25/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/26/2001 8:24 AM	PAD
	Stat charge for HGA test	Completed			10/3/2001 3:10 PM	PAD
	Stat charge for ICP	Completed			9/26/2001 8:24 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample DEL 18

Received LK

ID of Source:

Bottle k3472,4296,5624,p8598,8574,86

Collection 9/23/2001 AT 6:49:00

Collected By: NEWMAN/ANTAL

Submitted 9/24/2001 AT 9:09:00

Comment:

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23340

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Thallium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	9/26/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/26/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/26/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/26/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/26/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/26/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/26/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/26/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/26/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/26/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/26/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample DEL 18

Received LK

ID of Source:

Bottle k3472,4296,5624,p8598,8574,86

Collection 9/23/2001 AT 6:49:00

Submitted 9/24/2001 AT 9:09:00

Collected By: NEWMAN/ANTAL

Sample Type: POT_DW

Comment:

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23340

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle k3472,4296,5624,p8598,8574,86

Collected By: NEWMAN/ANTAL

Comment:

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

Sample DEL 18

ID of Source:

Collection 9/23/2001 AT 6:49:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23340

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	0.86	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

Copy of Fax 10/22/2001

NYS ELAP # 10108

Page 5 of 7

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k3472,4296,5624,p8598,8574,86

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL 18

ID of Source:

Collection 9/23/2001 AT 6:49:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23340

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV

The field blank for this sample contained 1.3 ug/L of methylene chloride. The presence of methylene chloride is due to lab contamination.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/3/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/3/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/3/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/3/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/3/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

Copy of Fax 10/22/2001

NYS ELAP # 10108

Page 6 of 7

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received LK

Bottle k3472,4296,5624,p8598,8574,86

Collected By: NEWMAN/ANTAL
Comment:

Sample DEL 18

ID of Source:

Collection 9/23/2001 AT 6:49:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23340

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.10	10/3/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/3/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/3/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/3/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/3/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/3/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/3/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/3/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/3/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/3/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/3/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/3/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/3/2001	DLV

The recoveries for two of the eighteen compounds in each of the MDL Standard, LCS Standard, and Spiked Sample were outside of their acceptance ranges. The recovery for one of the Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/19/2001	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 Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received LK

Bottle k7506,6971,6587,p8595,8605,85

Collected By: NEWMAN/ANTAL
Comment:

Sample CRO GH

ID of Source:

Collection 9/23/2001 AT 9:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23341

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/26/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/26/2001	PAD
EPA94	Calcium	22000	ug/L	1000.0	9/26/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/26/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Iron	56	ug/L	20.0	9/26/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	2100	ug/L	100.0	9/27/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle k7506,6971,6587,p8595,8605,85

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/23/2001 AT 9:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23341

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	7100	ug/L	1000.0	9/26/2001	PAD
EPA94	Manganese	88	ug/L	20.0	9/26/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/26/2001	PAD
EPA94	Sodium	28000	ug/L	1000.0	9/26/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/26/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/24/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/25/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/26/2001 8:26 AM	PAD
	Stat charge for HGA test	Completed			10/3/2001 3:10 PM	PAD
	Stat charge for ICP	Completed			9/26/2001 8:26 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received LK
Bottle k7506,6971,6587,p8595,8605,85
Collected By: NEWMAN/ANTAL
Comment:

Sample CRO GH
ID of Source:
Collection 9/23/2001 AT 9:30:00
Submitted 9/24/2001 AT 9:09:00
Sample Type: POT_DW
PWS No.: Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23341

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Thallium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	9/26/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/26/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/26/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/26/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/26/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/26/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/26/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/26/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/26/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/26/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/26/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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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

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

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

Attention: Steve Schindler
Received LK

Sample CRO GH
ID of Source:
Collection 9/23/2001 AT 9:30:00
Submitted 9/24/2001 AT 9:09:00
Sample Type: POT_DW
PWS No.: Source Code: 000

Bottle k7506,6971,6587,p8595,8605,85
Collected By: NEWMAN/ANTAL
Comment:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23341

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received LK

Bottle k7506,6971,6587,p8595,8605,85

Collected By: NEWMAN/ANTAL
Comment:

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

Sample CRO GH

ID of Source:

Collection 9/23/2001 AT 9:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23341

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle k7506,6971,6587,p8595,8605,85

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/23/2001 AT 9:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23341

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/3/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/3/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/3/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/3/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/3/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/3/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/3/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k7506,6971,6587,p8595,8605,85

Collected By: NEWMAN/ANTAL

Comment:

Sample CRO GH

ID of Source:

Collection 9/23/2001 AT 9:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23341

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/3/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/3/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/3/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/3/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/3/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/3/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/3/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/3/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/3/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/3/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/3/2001	DLV

The recoveries for two of the eighteen compounds in each of the MDL Standard, LCS Standard, and Spiked Sample were outside of their acceptance ranges. The recovery for one of the Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	10/19/2001	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.

Stat charge for VOLATILE organic	Completed	9/25/2001	12:01 AM SV
----------------------------------	-----------	-----------	-------------

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k5894,7095,7025,q8616,8654,86

Collected By: NEWMAN/ANTAL

Comment:

Sample CATLEFF

ID of Source:

Collection 9/23/2001 AT 6:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23342

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/26/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/26/2001	PAD
EPA94	Calcium	5500	ug/L	1000.0	9/26/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/26/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	9/26/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	510	ug/L	100.0	9/27/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

emailed

Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k5894,7095,7025,q8616,8654,86

Collected By: NEWMAN/ANTAL

Comment:

Sample CATLEFF

ID of Source:

Collection 9/23/2001 AT 6:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23342

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	9/26/2001	PAD
EPA94	Manganese	24	ug/L	20.0	9/26/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/26/2001	PAD
EPA94	Sodium	3700	ug/L	1000.0	9/26/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/26/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/24/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/25/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/26/2001 8:27 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/26/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

emailed

Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received LK

Sample CATLEFF
ID of Source:
Collection 9/23/2001 AT 6:30:00
Submitted 9/24/2001 AT 9:09:00

Bottle k5894,7095,7025,q8616,8654,86
Collected By: NEWMAN/ANTAL
Comment:

Sample Type: POT_DW
PWS No.:
Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23342

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	9/26/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/15/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/15/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/15/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/15/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/15/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/15/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/15/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/15/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/15/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/15/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/15/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/15/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received LK

Bottle k5894,7095,7025,q8616,8654,86

Collected By: NEWMAN/ANTAL
Comment:

Sample CATLEFF
ID of Source:
Collection 9/23/2001 AT 6:30:00
Submitted 9/24/2001 AT 9:09:00
Sample Type: POT_DW
PWS No.:

Source Code: 000

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23342

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k5894,7095,7025,q8616,8654,86

Collected By: NEWMAN/ANTAL

Comment:

Sample CATLEFF

ID of Source:

Collection 9/23/2001 AT 6:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23342

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k5894,7095,7025,q8616,8654,86

Collected By: NEWMAN/ANTAL

Comment:

Sample CATLEFF

ID of Source:

Collection 9/23/2001 AT 6:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23342

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/3/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/3/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/3/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/3/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/3/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/3/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/3/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/3/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/3/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/3/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle k5894,7095,7025,q8616,8654,86

Collected By: NEWMAN/ANTAL

Comment:

Sample CATLEFF

ID of Source:

Collection 9/23/2001 AT 6:30:00

Submitted 9/24/2001 AT 9:09:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23342

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/3/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/3/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/3/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/3/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/3/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/3/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/3/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/3/2001	DLV

The recoveries for two of the eighteen compounds in each of the MDL Standard, LCS Standard, and Spiked Sample were outside of their acceptance ranges. The recovery for one of the Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/19/2001	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.

Stat charge for VOLATILE organic	Completed	9/25/2001	12:01 AM	SV
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QA Officer

Date Approved: 11/19/2001

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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

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

Attention: Steve Schindler

Received LK

Bottle c0046,q8613,8621,8643,p8606,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 9/22/2001 AT 6:15:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23343

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/26/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/26/2001	PAD
EPA94	Calcium	5500	ug/L	1000.0	9/26/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/26/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	9/26/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	460	ug/L	100.0	9/27/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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

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

Attention: Steve Schindler

Received LK

Bottle c0046,q8613,8621,8643,p8606,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 9/22/2001 AT 6:15:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23343

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	9/26/2001	PAD
EPA94	Manganese	23	ug/L	20.0	9/26/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/26/2001	PAD
EPA94	Sodium	3700	ug/L	1000.0	9/26/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/26/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/24/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/25/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/26/2001 8:31 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/26/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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

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

Attention: Steve Schindler

Received LK

Bottle c0046,q8613,8621,8643,p8606,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 9/22/2001 AT 6:15:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23343

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	9/26/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/26/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/26/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/26/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/26/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/26/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/26/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/26/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/26/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/26/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/26/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle c0046,q8613,8621,8643,p8606,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 9/22/2001 AT 6:15:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23343

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle c0046,q8613,8621,8643,p8606,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 9/22/2001 AT 6:15:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23343

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	0.68	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle c0046,q8613,8621,8643,p8606,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 9/22/2001 AT 6:15:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23343

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV

The field blank for this sample had 3.4 ug/L of methylene chloride probably due to lab contamination.

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/4/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/4/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/4/2001	DLV
Atrazine	< MDL	ug/L	0.10	10/4/2001	DLV
Benzo(a)pyrene	< MDL	ug/L	0.20	10/4/2001	DLV
bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/4/2001	DLV
bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/4/2001	DLV
Butachlor	< MDL	ug/L	0.40	10/4/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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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

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

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

Attention: Steve Schindler

Received LK

Bottle c0046,q8613,8621,8643,p8606,8

Collected By: NEWMAN/ANTAL

Comment:

Sample CAT LEFF

ID of Source:

Collection 9/22/2001 AT 6:15:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23343

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/4/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/4/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/4/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/4/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/4/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/4/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/4/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/4/2001	DLV

Recoveries for three of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/16/2001	DLV
-------------------------	---	------	------------	-----

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, reveals the presence of non-target compounds. However, these compounds were observed in previous Laboratory Blanks, though not in the Laboratory Blank associated with this sample. An investigation into the source of these compounds in the Laboratory Blanks and also in many of these NYCDEP samples is still under way. A report will be made as soon as the investigation is concluded.

Stat charge for VOLATILE organic	Completed	9/26/2001	12:09 AM	DLV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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Original 11/5/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle c0059,q8610,8611,8652,p8608,8

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL18

ID of Source:

Collection 9/22/2001 AT 6:44:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23344

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/26/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/26/2001	PAD
EPA94	Calcium	5600	ug/L	1000.0	9/26/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/26/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Iron	< MDL	ug/L	20.0	9/26/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	470	ug/L	100.0	9/27/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle c0059,q8610,8611,8652,p8608,8

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL18

ID of Source:

Collection 9/22/2001 AT 6:44:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23344

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	1100	ug/L	1000.0	9/26/2001	PAD
EPA94	Manganese	22	ug/L	20.0	9/26/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/26/2001	PAD
EPA94	Sodium	3700	ug/L	1000.0	9/26/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/26/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/24/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/25/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/26/2001 8:36 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/26/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

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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

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

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

Attention: Steve Schindler
Received LK

Bottle c0059,q8610,8611,8652,p8608,8

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL18

ID of Source:

Collection 9/22/2001 AT 6:44:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23344

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	9/26/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	10/15/2001	DLV
	Aldrin	< MDL	ug/L	0.010	10/15/2001	DLV
	Chlordane	< MDL	ug/L	0.40	10/15/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	10/15/2001	DLV
	Endrin	< MDL	ug/L	0.020	10/15/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	10/15/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	10/15/2001	DLV
	Lindane	< MDL	ug/L	0.030	10/15/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	10/15/2001	DLV
	PCB's	< MDL	ug/L	0.20	10/15/2001	DLV
	Propachlor	< MDL	ug/L	0.040	10/15/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	10/15/2001	DLV

The breakdown for Endrin in the Breakdown Standard was 26%.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilisizian

QA Officer

Date Approved: 11/19/2001

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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

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

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

Attention: Steve Schindler

Received LK

Bottle c0059,q8610,8611,8652,p8608,8

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL18

ID of Source:

Collection 9/22/2001 AT 6:44:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23344

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water

465 Columbus Ave.

Valhalla, NY 10595

Attention: Steve Schindler

Received LK

Bottle c0059,q8610,8611,8652,p8608,8

Collected By: NEWMAN/ANTAL

Comment:

Sample NYC DEP

19 WEST LAKE DRIVE

VALHALLA, N.Y.

Sample DEL18

ID of Source:

Collection 9/22/2001 AT 6:44:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23344

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle c0059,q8610,8611,8652,p8608,8

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL18

ID of Source:

Collection 9/22/2001 AT 6:44:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23344

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	10/4/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	10/4/2001	DLV
	Alachlor	< MDL	ug/L	0.20	10/4/2001	DLV
	Atrazine	< MDL	ug/L	0.10	10/4/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/4/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/4/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	10/4/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/4/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle c0059,q8610,8611,8652,p8608,8

Collected By: NEWMAN/ANTAL

Comment:

Sample DEL18

ID of Source:

Collection 9/22/2001 AT 6:44:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23344

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	EPTC	< MDL	ug/L	1.0	10/4/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/4/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/4/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/4/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/4/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/4/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/4/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/4/2001	DLV

Recoveries for three of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range.

GCMS Scan For Unknowns

Other unknown compounds	.	ug/L	10/19/2001	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.

Stat charge for VOLATILE organic	Completed	9/25/2001	11:00 AM	SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/19/2001

Environmental Laboratories

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Original 11/19/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle c0039,q8615,8626,8646,p8603,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/22/2001 AT 9:43:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23345

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/26/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/26/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/26/2001	PAD
EPA94	Calcium	22000	ug/L	1000.0	9/26/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/26/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/26/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Iron	56	ug/L	20.0	9/26/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/25/2001	PAD
SM18	Potassium	2100	ug/L	100.0	9/27/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

Environmental Laboratories

Copy of Fax 10/22/2001

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle c0039,q8615,8626,8646,p8603,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/22/2001 AT 9:43:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23345

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	7300	ug/L	1000.0	9/26/2001	PAD
EPA94	Manganese	150	ug/L	20.0	9/26/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/26/2001	PAD
EPA94	Sodium	27000	ug/L	1000.0	9/26/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/26/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	10/1/2001	PAD
EPA'79	Potable Metals Digestion	Completed			9/26/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/24/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/25/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/28/2001	PAD
	Stat charge for HG TEST	Completed			9/26/2001 8:38 AM	PAD
	Stat charge for HGA test	Completed			10/3/2001 3:10 PM	PAD
	Stat charge for ICP	Completed			9/26/2001 8:38 AM	PAD
SM18	Titanium	< MDL	ug/L	100	10/2/2001	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle c0039,q8615,8626,8646,p8603,8

Collected By: NEWMAN/ANTAL

Comment:

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

Sample CRO GH

ID of Source:

Collection 9/22/2001 AT 9:43:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23345

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Thallium	< MDL	ug/L	2	9/28/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/26/2001	PAD
EPA94	Zinc	< MDL	ug/L	20.0	9/26/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/26/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/26/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/26/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/26/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/26/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/26/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/26/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/26/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/26/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/26/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/26/2001	DLV

The recovery for the Surrogate Standard in this sample was below its acceptance range.

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/25/2001	SV

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received LK

Bottle c0039,q8615,8626,8646,p8603,8

Collected By: NEWMAN/ANTAL

Comment:

Sample CRO GH

ID of Source:

Collection 9/22/2001 AT 9:43:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23345

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/25/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/25/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/25/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/25/2001	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received LK

Bottle c0039,q8615,8626,8646,p8603,8

Collected By: NEWMAN/ANTAL

Comment:

Sample CRO GH

ID of Source:

Collection 9/22/2001 AT 9:43:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23345

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/25/2001	SV
524.2	Methylene Chloride	0.69	ug/L	.5	9/25/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/25/2001	SV

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Chief of Env. Lab Services

Date Approved: 10/22/2001

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler
Received LK

Bottle c0039,q8615,8626,8646,p8603,8

Collected By: NEWMAN/ANTAL
Comment:

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

Sample CRO GH

ID of Source:

Collection 9/22/2001 AT 9:43:00

Submitted 9/24/2001 AT 9:29:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23345

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Naphthalene	< MDL	ug/L	.5	9/25/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/25/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/25/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/25/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/25/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/25/2001	SV

The duplicate for this sample had 1.7 ug/L of methylene chloride and the field blank had 1.8 ug/l of methylene chloride. The presence of methylene chloride in this sample and in the associated qc is probably due to lab

Organic Chemicals - 525.2

2,4-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
2,6-Dinitrotoluene	< MDL	ug/L	2.0	10/4/2001	DLV
4,4-DDE	< MDL	ug/L	0.80	10/4/2001	DLV
Acetochlor	< MDL	ug/L	2.0	10/4/2001	DLV
Alachlor	< MDL	ug/L	0.20	10/4/2001	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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REPORT OF ANALYSIS

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

Agency: NYCDEP Bureau Water
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Sample NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler
Received LK

Sample CRO GH
ID of Source:
Collection 9/22/2001 AT 9:43:00
Submitted 9/24/2001 AT 9:29:00
Sample Type: POT_DW
PWS No.: Source Code: 000

Bottle c0039,q8615,8626,8646,p8603,8
Collected By: NEWMAN/ANTAL
Comment:

Type Descriptor:
Sample chilled on arrival? : YES

Report

Sample No. AD23345

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Atrazine	< MDL	ug/L	0.10	10/4/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	10/4/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	10/4/2001	DLV
	bis(2-Ethylhexyl)phthalate	1.1	ug/L	0.60	10/4/2001	DLV
	Butachlor	< MDL	ug/L	0.40	10/4/2001	DLV
	EPTC	< MDL	ug/L	1.0	10/4/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	10/4/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	10/4/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	10/4/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	10/4/2001	DLV
	Molinate	< MDL	ug/L	0.90	10/4/2001	DLV
	Simazine	< MDL	ug/L	0.07	10/4/2001	DLV
	Terbacil	< MDL	ug/L	2.0	10/4/2001	DLV

Recoveries for three of the eighteen compounds in the MDL and LCS Standards were outside of their acceptance ranges. The recovery for one of the three Surrogate Standards in this sample was above its acceptance range. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 2.2 ug/L.

GCMS Scan For Unknowns

Other unknown compounds	ug/L	10/16/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, reveals the presence of non-target compounds. However, these compounds were observed in previous Laboratory Blanks, though not in the Laboratory Blank associated with this sample.

Stat charge for VOLATILE organic	Completed	9/25/2001	12:01 AM SV
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Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/22/2001

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