

[illegible]

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

Name/Date Set:

Sample Type (circle one):

1. Potable 2024, B&C 206, B&C 129, 173, 38, 140, 393-P
 2. Non Potable
 3. Non Potable Treated
 4. Other

Time/Date Collected: 1230 9/17/01Collected By: PC/DS Agency Code:

Collected From:

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

Identification of Source

Collection Point D118 6694Bottle #s: 271, 297Chain 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 noChlorinated? yes noFree Chlorine Res: mg/LTotal Chlorine Res: mg/LpH 7.1

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 (Aroclors) (608/8081)
 7. Methoprene (616)
 8. Herbicides (EPA1978/8151)
 9. Pesticides (SM18/6630)
 10. Petroleum Hydrocarbon Scan (310-13)
 11. Glycols
 12. Acid Extractables (625/8270)
 13. Base Neutral Extractables (625/8270)
 14. GC/MS Semivolatile Unknown Scan
 15. Purgeable Halocarbons (DEF)
 16. Purgeable Aromatics (DEF)
 17. Pesticides/PCB's (DEF)
 18. Other:

INORGANIC ANALYSIS REQUESTED - Lab#:

(circle tests)

- | | | | |
|-----------------------------------|--|-----------------------------------|-----------------------|
| 1. Color | 20. Acidity | 39. Aluminum | 59. Potassium |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony | 60. Selenium |
| 3. pH | 22. Bromide | 41. Arsenic | 61. Silver |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium | 62. Sodium |
| 5. Corrosivity (temp: <u>°C</u>) | 24. Chloride | 43. Beryllium | 63. Thallium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron | 64. Vanadium |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium | 65. Zinc |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ | GLP |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ⁺² | 66. Metals/CN |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total | 67. Volatiles |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent | 68. Semi-volatiles |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt | 69. Pesticides/PCB's |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper | 70. Disk Deliverables |
| 14. Solids, Settleable | 33. Phenol | 52. Iron | TCLP |
| 15. Solids, Suspended | 34. Phosphorus Total as P | 53. Lead | 71. TCLP-Metals |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium | 72. TCLP-Pesticides |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese | 73. TCLP-Herbicides |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury | 74. TCLP-Volatiles |
| 19. Other: <u>Sn, Ti</u> | 38. UV254 | 57. Molybdenum | 75. TCLP-BNA's |
| | | 58. Nickel | |



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)

me/Date Set:

Sample Type (circle one):

1. Potable 3. Non Potable Treated

2. Non Potable 4. Other

Time/Date Collected: 1425 9/17/01

Collected By: PC/DS Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 19 West Lake Drive

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point CKO 1B 6695

metals MB# 6695 - Bottle C9849
0272, 7043, 4807, 6818 (6046K) 0101, FB, 15, 0108
Bottle #s: 0124, 348, 0132

Chain of Custody? yes no

Comments:

PWS #: Source ID: Type Descriptor:

Bill to:

Name/Company

Street

City/St/Zip

Phone#:

Fax#:

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

BACTERIOLOGICAL ANALYSIS

Lab#:
(circle tests)

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

Refrigerated? yes no

Chlorinated?: yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSIS

Lab#:
(circle tests)

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

ORGANIC NONPOTABLE/SOLID ANALYSIS

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

INORGANIC ANALYSIS REQUESTED - Lab#:

(circle tests)

- | | | | |
|-----------------------------|--|-----------------------------------|---------------|
| 1. Color | 20. Acidity | 39. Aluminum | 59. Potassium |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony | 60. Selenium |
| 3. pH | 22. Bromide | 41. Arsenic | 61. Silver |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium | 62. Sodium |
| 5. Corrosivity (temp: °C) | 24. Chloride | 43. Beryllium | 63. Thallium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron | 64. Vanadium |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium | 65. Zinc |
| 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>SM, Ti</u> | 38. UV254 | 57. Molybdenum | |
| | | 58. Nickel | |

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)

me/Date Set:

Sample Type (circle one):

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

Time/Date Collected: 1205 9/17/01

Collected By: R/DS Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 19 West Lake Drive

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point Car Left 6693

metals MB# 6693
9109-BALOC 0341, 5118, 5811, 3153, 199, 197, 196, 198
PFB, P, P

Bottle #s:

Chain of Custody? yes no

Comments:

PWS #: Source ID: Type Descriptor:

Bill to:

Name/Company

Street

City/St/Zip

Phone#:

Fax#:

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

BACTERIOLOGICAL ANALYSIS

Lab#:

(circle tests)

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

7. Other: 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 (Aroclors) (608/8081)
7. Methoprene (616)
8. Herbicides (EPA1978/8151)
9. Pesticides (SM18/6630)
10. Petroleum Hydrocarbon Scan (310-13)
11. Glycols
12. Acid Extractables (625/8270)
13. Base Neutral Extractables (625/8270)
14. GC/MS Semivolatile Unknown Scan
15. Purgeable Halocarbons (DEF)
16. Purgeable Aromatics (DEF)
17. Pesticides/PCB's (DEF)
18. Other:

INORGANIC ANALYSIS REQUESTED - Lab#:

(circle tests)

- | | | |
|-----------------------------|--|-----------------------------------|
| 1. Color | 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: S, T, I | 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 <u> 1 </u> OF <u> 1 </u>							
SDG# NAME CONTACT				LABORATORY ADDRESS CONTACT										
<u>NYC DEP - Kensico Lab</u>				<u>WESTCHESTER COUNTY VALHALLA, NEW YORK</u>										
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.)	
Deli # 6694	22752	9/17/01	1230		☒		☒	☒						
Cat Left 6693	22754	9/17/01	1205		☒		☒	☒						
Egg 1B 6695	22753	9/17/01	1425		☒		☒	☒						
These are all Kensington CDC as Matrix Blankets G/B 9/20/01														
I. SAMPLED AND RELINQ BY: SIGN: [Signature] PRINT: Stephanie J. Pratt FIRM: NYC DEP WtH Supv DATE: 9/18/01 TIME: 9:25	II. RECEIVED BY: SIGN: [Signature] PRINT: L Magnuson FIRM: Lt DATE: 9/18/01 TIME: 9:25			ANALYSES/COMMENTS:		IV. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:			V. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:			ANALYSES/COMMENTS:		
II. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:	III. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:			ANALYSES/COMMENTS:		VI. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:			VII. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:			ANALYSES/COMMENTS:		
EVIDENCE SAMPLES TAMPERED WITH: ____ NO ____ YES ____ N/A						SAMPLES DISPOSED OF ON: _____ BY: _____								
IF YES EXPLAIN IN REMARKS														

Date: 9-17-01

New York City Department of Environmental Protection

Kensico Laboratory

Keypoint Chain of Custody Form

Day: MONDAY

IN HOUSE SI

OF BOTTLES COLLECTED

SITE	LOG NUMBER	TIME	CHEM (1L)	TOC (125 ml)	ALKALINITY (250, 500 ml)	BACTI (500 ml)	PHYTO (1L amber)	METALS (250, 500 ml)	TTHM (40 ml vial)	TTHMFP (1L glass)	BDOC (1L glass)	PCB (1L glass)	HAA (250 ml glass)
CATLEFF	6689	1205	1			1		1					
DEL18	6690	1230	1			1		1					
CATEV													
DEL19													
DEL17													
CATALUM													
CROGH													
CROGHC													
CRO1T													
CRO1B	6691	1425	1			1		1					
CROGH1													
CRO9	6692	1328						1					
CRO18Q								1					
DEL9													
DEL10													
CAT LEFF MB	6693	1205											
DEL 18 MB	6694	1230											
CRO 1B MB	6695	1425											
CRO 9 MB	6696	1328											
HgDUP													
HgMB													
PCBDUP													
PCBMB													

COMMENTS: FILENAME = 9-17-01 SI TERRWC

Relinquished by: <u>[Signature]</u>	Sample #s: <u>6689-6696</u>	Date/Time: <u>9-17-01 345</u>	RECEIVED BY CHEMISTRY: <u>[Signature]</u> <u>9/17/01 1553</u> (Date/Time)	RECEIVED BY MICRO: <u>9-17-01 3:35</u> (Date/Time)	RECEIVED BY INSTRUMENTS: _____ (Date/Time)
Relinquished by: <u>Alphonse J. Pratt</u>	Sample #s: <u>6693-6696</u>	Date/Time: <u>9/18/01 9:25</u>	RECEIVED BY CHEMISTRY: <u>Carmin Magnuson</u> <u>9/18/01 9:25</u> (Date/Time)	RECEIVED BY MICRO: _____ (Date/Time)	RECEIVED BY INSTRUMENTS: _____ (Date/Time)
Relinquished by: _____	Sample #s: _____	Date/Time: _____	RECEIVED BY CHEMISTRY: _____ (Date/Time)	RECEIVED BY MICRO: _____ (Date/Time)	RECEIVED BY INSTRUMENTS: _____ (Date/Time)

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

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

Time/Date Set:

Sample Type (circle one):

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

Time/Date Collected: 1425 9/17/01

Collected By: PC/DS Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 19 WEST LAKE DRIVE

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point CKO 1B 61695

metals MB# 6695 - Bottle C9849
0272, 7043, 4807, 6618 (Bottle) 0101, FB, 151, 0108
Bottle #s: 0124, 318, 0132

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. API
8. Other:

Refrigerated? yes no

Chlorinated? yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSIS

Lab#: 22753

(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#:

(circle tests)

- | | | | |
|-----------------------------|--|-----------------------------------|-----------------------|
| 1. Color | 20. Acidity | 39. Aluminum | 59. Potassium |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony | 60. Selenium |
| 3. pH | 22. Bromide | 41. Arsenic | 61. Silver |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium | 62. Sodium |
| 5. Corrosivity (temp: °C) | 24. Chloride | 43. Beryllium | 63. Thallium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron | 64. Vanadium |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium | 65. Zinc |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ | CLP |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ⁺² | 66. Metals/CN |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total | 67. Volatiles |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent | 68. Semi-volatiles |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt | 69. Pesticides/PCB's |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper | 70. Disk Deliverables |
| 14. Solids, Settleable | 33. Phenol | 52. Iron | TCLP |
| 15. Solids, Suspended | 34. Phosphorus Total as P | 53. Lead | 71. TCLP-Metals |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium | 72. TCLP-Pesticides |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese | 73. TCLP-Herbicides |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury | 74. TCLP-Volatiles |
| 19. Other: Sn, Ti | 38. UV254 | 57. Molybdenum | 75. TCLP-BNA's |
| | | 58. Nickel | |

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: 1205 9/17/01

Collected By: R/DS Agency Code:

Collected From:

Location's/Individual's Name NUC DEP

Street 19 West Lake Drive

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point Car left 6693

metals MBH 6693
9109-BALOC 0341, 5118, 5811, 3153, 199, 197, 196, 198
PFB, P, P

Bottle #s:

Chain of Custody? yes no

Comments:

PWS #: Source ID: Type Descriptor:

Bill to:

Name/Company

Street

City/St/Zip

Phone#:

Fax#:

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

BACTERIOLOGICAL ANALYSIS

Lab#:

(circle tests)

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

Refrigerated? yes no

Chlorinated: yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSIS

Lab#:

(circle tests)

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

ORGANIC NONPOTABLE/SOLID ANALYSIS

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

INORGANIC ANALYSIS REQUESTED - Lab#:

(circle tests)

- | | | |
|-----------------------------|--|-----------------------------------|
| 1. Color | 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: S, T, I | 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

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: del18 8694
Collected By: RC/DS
Comment:

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

Sample Point: DEL 18-8694

ID of Source:

Collection Date: 9/17/2001 AT 12:30:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22752

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	9/21/2001	
EPA94200.7	Aluminum	< MDL	ug/L	50.0	9/21/2001	
SM18 3113	Arsenic	< MDL	ug/L	20	9/20/2001	
EPA94 200.	Barium	< MDL	ug/L	200.0	9/21/2001	
EPA94 200.	Beryllium	< MDL	ug/L	2	9/21/2001	
EPA94 200.	Calcium	5600	ug/L	1000.0	9/21/2001	
EPA94 200.	Cadmium	< MDL	ug/L	2.0	9/21/2001	
EPA94 200.	Cobalt	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Chromium	< MDL	ug/L	10.0	9/21/2001	
EPA94 200.	Copper	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Iron	< MDL	ug/L	20.0	9/21/2001	
EPA79 245.	Mercury	< MDL	ug/L	0.40	9/18/2001	

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 1 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: del18 6694
Collected By: RC/DS
Comment:

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

Sample Point: DEL 18-6694

ID of Source:

Collection Date: 9/17/2001 AT 12:30:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22752

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18 3111	Potassium	450	ug/L	100.0	9/25/2001	
EPA94 200.	Magnesium	1100	ug/L	1000.0	9/21/2001	
EPA94 200.	Manganese	22	ug/L	20.0	9/21/2001	
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	9/21/2001	
EPA94 200.	Sodium	3800	ug/L	1000.0	9/21/2001	
EPA94 200.	Nickel	< MDL	ug/L	20.0	9/21/2001	
SM18 3113	Lead	< MDL	ug/L	1.0	9/21/2001	
EPA79 4.1.	Potable Metals Digestion	Completed			9/21/2001	
SM18 3111	Antimony	< MDL	ug/L	6	9/20/2001	
SM18 3113	Selenium	< MDL	ug/L	2	9/19/2001	
SM18 3113	Tin	< MDL	ug/L	100	9/20/2001	
	Stat charge for HG TEST	Completed			9/21/2001 10:30 AM	
	Stat charge for HGA test	Completed			9/21/2001 10:30 AM	

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 2 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: DEL 18-6694

Received By: KM
Bottle No.: del18 6694
Collected By: RC/DS
Comment:

ID of Source:
Collection Date: 9/17/2001 AT 12:30:00 P
Submitted On: 9/18/2001 AT 9:12:00 A
Sample Type: POT_DW

PWS No.: Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22752

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			9/21/2001 4:11 PM	
SM18 3113	Titanium	< MDL	ug/L	100	9/21/2001	
EPA94 200.	Thallium	< MDL	ug/L	2	9/20/2001	
EPA94 200.	Vanadium	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Zinc	< MDL	ug/L	20.0	9/21/2001	

Organics**Volatile Organic Compounds**

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/19/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/19/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/19/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 3 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: DEL 18-6694

Received By: KM

ID of Source:

Bottle No.: del18 6694

Collection Date: 9/17/2001 AT 12:30:00 P

Collected By: RC/DS

Submitted On: 9/18/2001 AT 9:12:00 A

Comment:

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22752

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/19/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1820

Original Fax 9/27/2001

Page 4 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: DEL 18-6694

ID of Source:

Received By: KM
Bottle No.: del18 6694
Collected By: RC/DS
Comment:

Collection Date: 9/17/2001 AT 12:30:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22752

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/19/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/19/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 5 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: DEL 18-6694

ID of Source:

Received By: KM

Collection Date: 9/17/2001 AT 12:30:00 P

Bottle No.: del18 6694

Submitted On: 9/18/2001 AT 9:12:00 A

Collected By: RC/DS

Sample Type: POT_DW

Comment:

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22752

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/19/2001	SV
Stat charge for VOLATILE organic te		Completed			9/20/2001 11:31 AM	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1820

Original Fax 9/27/2001

Page 6 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: cro1b 6695
Collected By: RC/DS
Comment:

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

Sample Point: CRO 1B-6695

ID of Source:

Collection Date: 9/17/2001 AT 2:25:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22753

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	9/21/2001	
EPA94200.7	Aluminum	< MDL	ug/L	50.0	9/21/2001	
SM18 3113	Arsenic	< MDL	ug/L	20	9/20/2001	
EPA94 200.	Barium	< MDL	ug/L	200.0	9/21/2001	
EPA94 200.	Beryllium	< MDL	ug/L	2	9/21/2001	
EPA94 200.	Calcium	22000	ug/L	1000.0	9/21/2001	
EPA94 200.	Cadmium	< MDL	ug/L	2.0	9/21/2001	
EPA94 200.	Cobalt	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Chromium	< MDL	ug/L	10.0	9/21/2001	
EPA94 200.	Copper	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Iron	54	ug/L	20.0	9/21/2001	
EPA79 245.	Mercury	< MDL	ug/L	0.40	9/18/2001	

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1820

Original Fax 9/27/2001

Page 1 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: cro1b 6695
Collected By: RC/DS
Comment:

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

Sample Point: CRO 1B-6695

ID of Source:

Collection Date: 9/17/2001 AT 2:25:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22753

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18 3111	Potassium	1940	ug/L	100.0	9/25/2001	
EPA94 200.	Magnesium	7200	ug/L	1000.0	9/21/2001	
EPA94 200.	Manganese	87	ug/L	20.0	9/21/2001	
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	9/21/2001	
EPA94 200.	Sodium	28000	ug/L	1000.0	9/21/2001	
EPA94 200.	Nickel	< MDL	ug/L	20.0	9/21/2001	
SM18 3113	Lead	< MDL	ug/L	1.0	9/21/2001	
EPA79 4.1.	Potable Metals Digestion	Completed			9/21/2001	
SM18 3111	Antimony	< MDL	ug/L	6	9/21/2001	
SM18 3113	Selenium	< MDL	ug/L	2	9/19/2001	
SM18 3113	Tin	< MDL	ug/L	100	9/20/2001	
	Stat charge for HG TEST	Completed			9/21/2001 10:30 AM	
	Stat charge for HGA test	Completed			9/21/2001 10:30 AM	

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 2 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: CRO 1B-6695

Received By: KM
Bottle No.: cro1b 6695
Collected By: RC/DS
Comment:

ID of Source:
Collection Date: 9/17/2001 AT 2:25:00 P
Submitted On: 9/18/2001 AT 9:12:00 A
Sample Type: POT_DW

PWS No.: **Source Code:** 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22753

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			9/21/2001 4:17 PM	
SM18 3113	Titanium	< MDL	ug/L	100	9/21/2001	
EPA94 200.	Thallium	< MDL	ug/L	2	9/20/2001	
EPA94 200.	Vanadium	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Zinc	< MDL	ug/L	20.0	9/21/2001	

Organics**Volatile Organic Compounds**

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/19/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/19/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/19/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 3 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: CRO 1B-6695

ID of Source:

Received By: KM

Collection Date: 9/17/2001 AT 2:25:00 P

Bottle No.: cro1b 6695

Submitted On: 9/18/2001 AT 9:12:00 A

Collected By: RC/DS

Sample Type: POT_DW

Comment:

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22753

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/19/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 4 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: CRO 1B-6695

ID of Source:

Received By: KM
Bottle No.: cro1b 6695
Collected By: RC/DS
Comment:

Collection Date: 9/17/2001 AT 2:25:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22753

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Methyl Iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/19/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/19/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 5 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: cro1b 6695
Collected By: RC/DS
Comment:

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

Sample Point: CRO 1B-6695

ID of Source:

Collection Date: 9/17/2001 AT 2:25:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22753

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/19/2001	SV
Stat charge for VOLATILE organic te		Completed			9/19/2001 12:02 AM	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 6 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: catieff 6693
Collected By: RC/DS
Comment:

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

Sample Point: CAT LEFF-6693

ID of Source:

Collection Date: 9/17/2001 AT 12:05:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22754

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	9/21/2001	
EPA94200.7	Aluminum	< MDL	ug/L	50.0	9/21/2001	
SM18 3113	Arsenic	< MDL	ug/L	20	9/20/2001	
EPA94 200.	Barium	< MDL	ug/L	200.0	9/21/2001	
EPA94 200.	Beryllium	< MDL	ug/L	2	9/21/2001	
EPA94 200.	Calcium	5600	ug/L	1000.0	9/21/2001	
EPA94 200.	Cadmium	< MDL	ug/L	2.0	9/21/2001	
EPA94 200.	Cobalt	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Chromium	< MDL	ug/L	10.0	9/21/2001	
EPA94 200.	Copper	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Iron	< MDL	ug/L	20.0	9/21/2001	
EPA79 245.	Mercury	< MDL	ug/L	0.40	9/18/2001	

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 1 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: catieff 6693
Collected By: RC/DS
Comment:

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

Sample Point: CAT LEFF-6693

ID of Source:

Collection Date: 9/17/2001 AT 12:05:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22754

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18 3111	Potassium	440	ug/L	100.0	9/25/2001	
EPA94 200.	Magnesium	1200	ug/L	1000.0	9/21/2001	
EPA94 200.	Manganese	29	ug/L	20.0	9/21/2001	
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	9/21/2001	
EPA94 200.	Sodium	3900	ug/L	1000.0	9/21/2001	
EPA94 200.	Nickel	< MDL	ug/L	20.0	9/21/2001	
SM18 3113	Lead	< MDL	ug/L	1.0	9/21/2001	
EPA79 4.1.	Potable Metals Digestion	Completed			9/21/2001	
SM18 3111	Antimony	< MDL	ug/L	6	9/21/2001	
SM18 3113	Selenium	< MDL	ug/L	2	9/19/2001	
SM18 3113	Tin	< MDL	ug/L	100	9/20/2001	
	Stat charge for HG TEST	Completed			9/21/2001 10:30 AM	
	Stat charge for HGA test	Completed			9/21/2001 10:30 AM	

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 16168
(914) 231-1620

Original Fax 9/27/2001

Page 2 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: catieff 6693
Collected By: RC/DS
Comment:

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

Sample Point: CAT LEFF-6693

ID of Source:

Collection Date: 9/17/2001 AT 12:05:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22754

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			9/21/2001	4:22 PM
SM18 3113	Titanium	< MDL	ug/L	100	9/21/2001	
EPA94 200.	Thallium	< MDL	ug/L	2	9/20/2001	
EPA94 200.	Vanadium	< MDL	ug/L	20.0	9/21/2001	
EPA94 200.	Zinc	< MDL	ug/L	20.0	9/21/2001	

Organics

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/19/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/19/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/19/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 3 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: CAT LEFF-6693

ID of Source:

Received By: KM
Bottle No.: catleff 6693
Collected By: RC/DS
Comment:

Collection Date: 9/17/2001 AT 12:05:00 P
Submitted On: 9/18/2001 AT 9:12:00 A
Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22754

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/19/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/19/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1820

Original Fax 9/27/2001

Page 4 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received By: KM
Bottle No.: catleff 6693
Collected By: RC/DS
Comment:

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

Sample Point: CAT LEFF-6693

ID of Source:

Collection Date: 9/17/2001 AT 12:05:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22754

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chloroethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/19/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/19/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/19/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/19/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/19/2001	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NY6 ELAP # 10108
(914) 231-1628

Original Fax 9/27/2001

Page 5 of 6

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: CAT LEFF-6693

ID of Source:

Received By: KM
Bottle No.: catleff 6693
Collected By: RC/DS
Comment:

Collection Date: 9/17/2001 AT 12:05:00 P

Submitted On: 9/18/2001 AT 9:12:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22754

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/19/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/19/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/19/2001	SV
Stat charge for VOLATILE organic te		Completed			9/19/2001 12:02 AM	SV

Approved By:

Date Approved: 1/1/1981

Environmental Laboratories
NYS ELAP # 10108
(914) 231-1620

Original Fax 9/27/2001

Page 6 of 6

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle METALS BLANK CRO1B 6695

Collected By: RC/DS

Comment:

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

Sample CRO 1B-6695

ID of Source:

Collection 09/17/01 AT 2:25:00

Submitted 09/18/01 AT 9:44:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22760

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/21/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/21/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/20/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/21/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Calcium	< MDL	ug/L	1000.0	09/21/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/21/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/21/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/21/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/18/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/09/01

Environmental Laboratories

Copy of Fax 10/09/01

NYS ELAP # 10108

Page 1 of 3

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received KM

Bottle METALS BLANK CRO1B 6695

Collected By: RC/DS

Comment:

Sample CRO 1B-6695

ID of Source:

Collection 09/17/01 AT 2:25:00

Submitted 09/18/01 AT 9:44:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22760

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	< MDL	ug/L	100.0	09/25/01	PAD
EPA94	Magnesium	< MDL	ug/L	1000.0	09/21/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/21/01	PAD
EPA94	Sodium	< MDL	ug/L	1000.0	09/21/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/21/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/21/01	PAD
EPA'79	Potable Metals Digestion	Completed			09/21/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/19/01	PAD
SM18	Tin	< MDL	ug/L	100	09/20/01	PAD
	Stat charge for HG TEST	Completed			09/21/01 10:30 AM	PAD
	Stat charge for HGA test	Completed			09/21/01 10:30 AM	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/09/01

Environmental Laboratories

Copy of Fax 10/09/01

NYS ELAP # 10108

Page 2 of 3

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle METALS BLANK CRO1B 6695

Collected By: RC/DS

Comment:

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

Sample CRO 1B-6695

ID of Source:

Collection 09/17/01 AT 2:25:00

Submitted 09/18/01 AT 9:44:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22760

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/21/01 4:24 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/21/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/21/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/09/01

Environmental Laboratories

Copy of Fax 10/09/01

NYS ELAP # 10108

Page 3 of 3

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle METALS BLANK CATLEFF 6693

Collected By: RC/DS

Comment:

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

Sample CAT LEFF-6693

ID of Source:

Collection 09/17/01 AT 12:05:00

Submitted 09/18/01 AT 9:44:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22761

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/21/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/21/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/20/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/21/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Calcium	< MDL	ug/L	1000.0	09/21/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/21/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/21/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/21/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/18/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/09/01

Environmental Laboratories

Copy of Fax 10/09/01

NYS ELAP # 10108

Page 1 of 3

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle METALS BLANK CATLEFF 6693

Collected By: RC/DS

Comment:

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

Sample CAT LEFF-6693

ID of Source:

Collection 09/17/01 AT 12:05:00

Submitted 09/18/01 AT 9:44:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22761

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	< MDL	ug/L	100.0	09/25/01	PAD
EPA94	Magnesium	< MDL	ug/L	1000.0	09/21/01	PAD
EPA94	Manganese	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/21/01	PAD
EPA94	Sodium	< MDL	ug/L	1000.0	09/21/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/21/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/21/01	PAD
EPA79	Potable Metals Digestion	Completed			09/21/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/19/01	PAD
SM18	Tin	< MDL	ug/L	100	09/20/01	PAD
	Stat charge for HG TEST	Completed			09/21/01 10:30 AM	PAD
	Stat charge for HGA test	Completed			09/21/01 10:30 AM	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/09/01

Environmental Laboratories

Copy of Fax 10/09/01

NYS ELAP # 10108

Page 2 of 3

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle METALS BLANK CATLEFF 6693

Collected By: RC/DS

Comment:

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

Sample CAT LEFF-6693

ID of Source:

Collection 09/17/01 AT 12:05:00

Submitted 09/18/01 AT 9:44:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22761

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/21/01 4:26 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/21/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/20/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/21/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/21/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/09/01

Environmental Laboratories

Copy of Fax 10/09/01

NYS ELAP # 10108

Page 3 of 3

Sep 27 01 02:52p

Donna Popp

(914) 231-1603

p.12

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: DEL 18-6694
ID of Source:

Received By: KM
Bottle No.: METALS BLANK DEL18 6694
Collected By: RC/DS
Comment:

Collection Date: 9/17/2001 AT 12:30:00 P
Submitted On: 9/18/2001 AT 9:44:00 A
Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report To:

Sample No. AD22762

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	9/21/2001	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	9/21/2001	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	9/20/2001	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	9/21/2001	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	9/21/2001	PAD
EPA94 200.	Calcium	< MDL	ug/L	1000.0	9/21/2001	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	9/21/2001	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	9/21/2001	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	9/21/2001	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	9/21/2001	PAD
EPA94 200.	Iron	< MDL	ug/L	20.0	9/21/2001	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	9/18/2001	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 9/25/2001

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

Copy of Fax 9/25/2001

Page 1 of 3

Sep 27 01 02:52p

Donna Popp

(914) 231-1603

p.13

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Suppl
465 Columbus Ave.
Valhalla, NY 10595**Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** DEL 18-6694
ID of Source:**Received By:** KM**Collection Date:** 9/17/2001 AT 12:30:00 P**Bottle No.:** METALS BLANK DEL18 6694**Submitted On:** 9/18/2001 AT 9:44:00 A**Collected By:** RC/DS**Sample Type:** POT_DW**Comment:****PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival? :** YES**Report To:****Sample No. AD22762**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18 3111	Potassium	< MDL	ug/L	100.0	9/25/2001	PAD
EPA94 200.	Magnesium	< MDL	ug/L	1000.0	9/21/2001	PAD
EPA94 200.	Manganese	< MDL	ug/L	20.0	9/21/2001	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	9/21/2001	PAD
EPA94 200.	Sodium	< MDL	ug/L	1000.0	9/21/2001	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	9/21/2001	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	9/21/2001	PAD
EPA79 4.1.	Potable Metals Digestion	Completed			9/21/2001	PAD
SM18 3111	Antimony	< MDL	ug/L	8	9/21/2001	PAD
SM18 3113	Selenium	< MDL	ug/L	2	9/19/2001	PAD
SM18 3113	Tin	< MDL	ug/L	100	9/20/2001	PAD
	Stat charge for HG TEST	Completed			9/21/2001 10:30 AM	PAD
	Stat charge for HGA test	Completed			9/21/2001 10:30 AM	PAD

Approved By: Pam Dilsizian**QA Officer****Date Approved:** 9/25/2001**Environmental Laboratories**
NYS ELAP # 10108
(914) 593-5575

Copy of Fax 9/25/2001

Page 2 of 3

Sep 27 01 02:52p

Donna Popp

(914) 231-1603

p.14

REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler
Received By: KM
Bottle No.: METALS BLANK DEL18 6694
Collected By: RC/DS
Comment:

Sample Point: DEL 18-6694
ID of Source:
Collection Date: 9/17/2001 AT 12:30:00 P
Submitted On: 9/18/2001 AT 9:44:00 A
Sample Type: POT_DW

PWS No.: Source Code: 000

Type Descriptor:

Sample chilled on arrival?: YES

Report To:

Sample No. AD22762

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			9/21/2001 4:27 PM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	9/21/2001	PAD
EPA94 200.	Thallium	< MDL	ug/L	2	9/20/2001	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	9/21/2001	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	9/21/2001	PAD

Approved By: Pam Dilsizian

QA Officer

Date Approved: 9/25/2001

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

Copy of Fax 9/25/2001

Page 3 of 3