

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: 1845

Collected By: Curio/BAWER Agency Code: _____

Collected From:

Location's/Individual's Name _____

Street _____

City/St/Zip _____

Identification of Source _____

Collection Point DE 18Bottle #s: 16 B. H. 11) (2509, 4375, 6326, 80) (451, 3)

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. 1845
8. 1845

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: SUP + DIOXIN

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: _____ °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: _____ | 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 RESEARCH2 Dana Road, Valhalla, New York 10595
(914) 593-5575

Time/Date Set:

NYS-ELAP No. 10108

Form A-70 (rev.1/96)

Sample Type (circle one):

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

Time/Date Collected: 1/7/15

Collected By: Curcio, J. Agency Code: _____

Collected From:

Location's/Individual's Name _____

Street _____

City/St/Zip _____

Identification of Source _____

Collection Point Cal Left

Bottle #s: 134, 204, 209 (372, 373, 375, 374, 133, 132, 0005, 131) 6560, 4129, 6028, 0358 (6604M) (6303, 6307)

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#:

(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: SVB + Dioxin

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: _____ | 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)

Time/Date Set:

Sample Type (circle one):

1. Potable 3. Non Potable Treated

2. Non Potable 4. Other _____

Time/Date Collected: 2015

Collected By: [Signature] Agency Code: _____

Collected From:

Location's/Individual's Name _____

Street _____

City/St/Zip _____

Identification of Source _____

Collection Point CRO GW

Bottle #s: (236, 234, 177) (6 Bottle M) (6305, 6306)

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#: _____

(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: 548 + Dioxin

ORGANIC NONPOTABLE/SOLID ANALYSIS

Lab#: _____

(circle tests)

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 | |
| 1. Solids, Settleable | 33. Phenol | 52. Iron | |
| 2. Solids, Suspended | 34. Phosphorus Total as P | 53. Lead | |
| 3. 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: _____ | 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

Date: 9-11-01 — 9-12-01

New York City Department of Environmental Protection

Kensico Laboratory

Day: Tuesday — Wednesday

Keypoint Chain of Custody Form

OF BOTTLES COLLECTED

SITE	LOG NUMBER	TIME	CHEM (1L)	TOC (125 ml)	ALKALINITY (250, 500 ml)	BACTI (500 ml)	PHYTO Gross Ochl. / 2L (1L amber)	METALS (250, 500 ml)	TTHM VOLUME (40 ml vial)	TTHMFP (1L glass)	BDOC BNA (1L glass)	PCB (1L glass)	West City 15 Bottle Set Kit
CATLEFF	6318	2330	1			1	1/1	4	1		1	1	1
DEL18	6322	0100	1			1	1/1	4	1		1	1	1
CATEV													
DEL19													
DEL17													
CATALUM													
CROGH	6326	0215	1			1	1/1		1		1	1	1
CROGH MB	6320							1					
CROGH MB	6324							1					
CROGH MB	6328							1					
CROGH MB	6321						1						
CROGH MB	6325						1						
CROGH MB	6329						1						
EL9													
DEL10													
BNA MB	6330										1		
PCB MB	6331											1	
VOA MB	6332								1				
HgDUP													
HgMB													
PCBDUP													
PCBMB													

COMMENTS:

Relinquished by: <u>Joe J. Wignar</u>	Sample #: <u>6322-9-12-01</u> <u>6330</u>	Date/Time: <u>9/12/01</u>	RECEIVED BY CHEMISTRY: <u>[Signature]</u> <u>0700</u> (Date/Time)	RECEIVED BY MICRO: _____ (Date/Time)	RECEIVED BY INSTRUMENTS: _____ (Date/Time)
Relinquished by: <u>[Signature]</u>	Sample #: <u>MB metals</u> <u>3 sets - West City + 4-250ml Metals</u> <u>15 Bottle SE Kits</u>	Date/Time: <u>9/12/01 1110</u>	RECEIVED BY CHEMISTRY: <u>West City</u> <u>[Signature]</u> <u>9/12/01 11:10</u> (Date/Time)	RECEIVED BY MICRO: _____ (Date/Time)	RECEIVED BY INSTRUMENTS: _____ (Date/Time)
Relinquished by: _____	Sample #: _____	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.

7-11-01

Tuesday

New York City Department of Environmental Protection

Kensico Laboratory

Keypoint Chain of Custody Form

Strategic
Data
Analysis
2/1/01

OF BOTTLES COLLECTED

LOG NUMBER	TIME	CHEM (1L)	TOC (125 ml)	ALUMINUM Trifluoride (250-500 ml)	BACTI (500 ml)	PHYTO (1L amber)	METALS (250-500 ml)	THM VOC (40 ml vial)	THM Gross Alpha/Beta (1L glass)	BDOC BNA (1L glass)	PCB (1L glass)	HAA (250 ml glass)
F 6303	1745	1		1	1		4	1	1/1	1	1	
6304	1845	1		1	1		4	1	1/1	1	1	
M 6305	2015	1		1	1		4	1	1/1	1	1	
IC 6315							1					
MB 6316							1					
MB 6317							1					
B 6314										1		
B 6313											1	
MB 6310									1			
MB 6311									1			
MB 6312									1			
P 6304								1				
JP												
MB												

ENTS:

by: Sample #s: 6303-6305 6310-6312	Date/Time: 9/11/01	RECEIVED BY CHEMISTRY: [Signature] (Date/Time): 9/12/01 0800	RECEIVED BY MICRO: [Signature] (Date/Time): 9/11/01 1510	RECEIVED BY INSTRUMENTS:
by: Sample #s: 6313-6317	Date/Time: 9/11/01	RECEIVED BY CHEMISTRY:	RECEIVED BY MICRO:	RECEIVED BY INSTRUMENTS:
by: Sample #s:	Date/Time:	RECEIVED BY CHEMISTRY:	RECEIVED BY MICRO:	RECEIVED BY INSTRUMENTS:

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

WESTCHESTER COUNTY DEPARTMENT OF LABS & RESEARCH				CHAIN OF CUSTODY RECORD				PAGE 1 OF 1					
SDG# NAME CONTACT				LABORATORY ADDRESS CONTACT									
NYC DEP - Kensico Lab				WESTCHESTER COUNTY VALHALLA, NEW YORK									
SAMPLE NO.	LABORATORY SAMPLE NO.	SAMPLING		SAMPLE TYPE	ANALYSES						# OF BOTTLES	PRESER- VATION	COMMENTS (SPECIAL INSTRUCTIONS, CAUTIONS, ETC.)
		DATE	TIME		VOA	BNA	PEST/ PCB	METALS	CN	Soc Kit			
22169	DEL 18	9/12	1:00 AM	Potable									
22170	CATLEFF	9/12	23:30	Potable									
22171	CROGH	9/12	2:15 AM	Potable									
I. SAMPLED AND RELINQ. BY: SIGN: D.W. Robinson PRINT: D.W. Robinson FIRM: NYC-DEP DATE: 9/12/01 TIME: 11:10				I. RECEIVED BY: SIGN: E. Petrone PRINT: E. Petrone FIRM: DEP DATE: 9/12/01 TIME: 11:06		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:							

Date: 9.12.01Day: Wednesday

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

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	6361	0737	1			1	1						
DEL18	6362	0822	1			1	1						
CATEV	1003 ^{DMS} 6395	1003	1			1							
DEL19	0947 ^{DMS} 6396	0947	1			1							
DEL17B	1109 ^{DMS} 6397	1109	1			1							
CATALUM	1042 ^{DMS} 6398	1042	1			1							
CROGH													
CROGHC													
CRO1T													
CRO1B													
CROGH1													
CRO9	6399 0909	0909	1			1							
CRO18Q													
DEL10													
DEL17	6401	1302	1			1							
HgDUP													
HgMB													
PCBDUP													
PCBMB													

COMMENTS:

Relinquished by: <u>[Signature]</u>	Sample #s: <u>6361, 6362</u>	Date/Time: <u>9.12.01 0846</u>	RECEIVED BY CHEMISTRY: <u>S9 Pratt</u> <u>845</u>	9/12/01 (Date/Time)	RECEIVED BY MICRO: <u>U.M. Cooke</u> <u>8:50 am</u>	9-12-01 (Date/Time)	RECEIVED BY INSTRUMENTS:	(Date/Time)
Relinquished by: <u>[Signature]</u>	Sample #s: <u>6401, 6395, 6399</u>	Date/Time: <u>9.12.01 1300</u>	RECEIVED BY CHEMISTRY: <u>[Signature]</u> <u>1311</u>	9/12/01 (Date/Time)	RECEIVED BY MICRO: <u>[Signature]</u> <u>1212</u>	9-12-01 (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 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: 0215/09/12/01

Collected By: WILLIAM WALKER Agency Code: _____

Collected From:

Location's/Individual's Name NYC-DEF

Street 19 Westlake Dr.

City/St/Zip Valhalla, NY 10595

Identification of Source _____

Collection Point CR064 #6326

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 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 #: 22171

(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)

5/8, 16/3

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 | 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: _____ | 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



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: 0100/09/02/01

Collected By: CURCIO/WAGNER Agency Code:

Collected From:

Location's/Individual's Name NYC-DEP

Street 19 Westlake Dr

City/St/Zip Valhalla, N.Y. 10595

Identification of Source

Collection Point DEL 18 #6322

207, 376, 206, 135, 371, 129, 376, 377, 108, 379, 130

0012, 1056, 1086, 6607, 6601, 6754, 3452, 0299, 4991, 6351

Bottle #'s: 214, 211, 207, 549, 1015, 1016 = 6322, 6323

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. 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)

548, 1613

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 | 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: | 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)

Time/Date Set:

Sample Type (circle one):

1. Potable 3. Non Potable Treated

2. Non Potable 4. Other

Time/Date Collected: 2330/09/11/01

Collected By: Curcio/Wagner Agency Code:

Collected From:

Location's/Individual's Name NYC - DEP

Street 19 Westlake Dr

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point Cal Jeff E. 6318

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. API
8. Other:

Reinforced? 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: 548, 1613 (Dioxin)

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: °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: | 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

WESTCHESTER COUNTY DEPARTMENT OF LABS & RESEARCH						CHAIN OF CUSTODY RECORD								PAGE _____		
SDG# <u>New York City DEP</u> NAME _____ CONTACT _____					LABORATORY <u>WESTCHESTER COUNTY</u> ADDRESS <u>VALHALLA, NEW YORK</u> CONTACT _____											
SAMPLE NO.	LABORATORY SAMPLE NO.	SAMPLING		SAMPLE TYPE	ANALYSES						# OF BOTTLES	PRESERVATION	COMMENTS (SPECIAL INSTRUCTIONS, CAUTIONS, ETC.)			
		DATE	TIME		VOA	BNA	PEST/ PCB	METALS	CN							
22166																
22167																
22168																

I. SAMPLED AND RELINQ. BY: SIGN: <u>Richard Curcio</u> PRINT: <u>Richard Curcio</u> FIRM: DATE: TIME:	I. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:	ANALYSES/COMMENTS:	IV. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:	IV. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:	ANALYSES/COMMENTS:
II. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:	II. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:	ANALYSES/COMMENTS:	V. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:	V. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:	ANALYSES/COMMENTS:
III. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:	III. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:	ANALYSES/COMMENTS:	VI. RELINQUISHED BY: SIGN: PRINT: FIRM: DATE: TIME:	VI. RECEIVED BY: SIGN: PRINT: FIRM: DATE: TIME:	ANALYSES/COMMENTS:
EVIDENCE SAMPLES TAMPERED WITH: ____ NO ____ YES ____ N/A IF YES EXPLAIN IN REMARKS			SAMPLES DISPOSED OF ON: _____ BY: _____		

Date: 9/13/01

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

Day: Thursday

IN House - ST

OF BOTTLES COLLECTED

SITE	LOG NUMBER	TIME	CHEM (10)	TOC (125 ml)	ALKALINITY TRITIUM (250, 500 ml)	BACTI (500 ml)	PHYTO (11, amber)	METALS (500-500 ml)	TTHM (40 ml vial)	TTHMFP (40 ml vial)	EDOC (40 ml vial)	PCB (11, glass)	THM (250 ml glass)
CATLEFF	6451	200	1	1	1	1	1	1	1	1	1	1	1
DEL 18	6455	300	1	1	1	1	1	1	1	1	1	1	1
CROGH	6459	1605	1	1	1	1	1	1	1	1	1	1	1
CATLEFF Gross ALPHA/BETA MB STRONTIUM 90	6452									1			
CATLEFF TRITIUM MB	6453				1								
CATLEFF METALS MB	6454							1					
DEL 18 Gross/Alpha/Beta Strontium 90	6456									1			
DEL 18 Tritium MB	6457				1								
DEL 18 METALS MB	6458							1					
DEL 18 Gross/Alpha/Beta Strontium 90	6460									1			
CROGH Tritium MB	6461				1								
CROGH Metals MB	6462							1					
DEL 10	6463	1550	1	1	1	1	1	1	1	1	1	1	1

COMMENTS:

Relinquished by: <u>P. W. Robinson</u>	Sample #: <u>6451-6463</u>	Date/Time: <u>9/13/01 1804</u>	RECEIVED BY CHEMISTRY: <u>P. W. Robinson</u> <u>West City</u>	9/13/01 1810 (Date/Time)	RECEIVED BY MICRO:	RECEIVED BY INSTRUMENTS:
Relinquished by: <u>P. W. Robinson</u>	Sample #: <u>6463</u>	Date/Time: <u>9/13/01 1810</u>	RECEIVED BY CHEMISTRY: <u>P. W. Robinson</u> <u>West City</u>	9/13/01 1810 (Date/Time)	RECEIVED BY MICRO:	RECEIVED BY INSTRUMENTS:
Relinquished by: <u>P. W. Robinson</u>	Sample #: <u>3- West City 15 Bottle SC Kits + Metals</u>	Date/Time: <u>9/14/01 1230</u>	RECEIVED BY CHEMISTRY: <u>P. W. Robinson</u> <u>West City</u>	9/14/01 1230 (Date/Time)	RECEIVED BY MICRO:	RECEIVED BY INSTRUMENTS:

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

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 - KENSICO LAB
 19 WESTLAKE DR
 VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 6:45:00 PM

Bottle No.: del18 - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
 in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	09/14/01	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	09/14/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	09/14/01	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Calcium	5300	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	09/14/01	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	09/14/01	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Iron	< MDL	ug/L	20.0	09/14/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	510	ug/L	100.0	09/13/01	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 1 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:45:00 PM

Bottle No.: del18 - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	1100	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Manganese	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/14/01	PAD
EPA94 200.	Sodium	3500	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/14/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA'79 4.1.	Potable Metals Digestion	Completed			09/12/01	PAD
SM18 3111	Antimony	< MDL	ug/L	6	09/19/01	PAD
SM18 3113	Selenium	< MDL	ug/L	2	09/13/01	PAD
SM18 3113	Tin	< MDL	ug/L	100	09/17/01	PAD
	Stat charge for HG TEST	Completed			09/21/01 10:30 AM	PAD
	Stat charge for HGA test	Completed			09/13/01 10:21 AM	PAD
	Stat charge for ICP	Completed			09/13/01 10:21 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/13/01	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 2 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 6:45:00 PM

Bottle No.: del18 - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/14/01	PAD
Organics						
Microextractables - 504.1						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/12/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/12/01	DLV
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/20/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/20/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/20/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/20/01	DLV
	Endrin	< MDL	ug/L	0.020	09/20/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/20/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/20/01	DLV
	Lindane	< MDL	ug/L	0.030	09/20/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/20/01	DLV
	PCB's	< MDL	ug/L	0.20	09/20/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/20/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/20/01	DLV

Herbicides - 515.1

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 3 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY**Attention:** Steve Schindler**Sample Point:** DEL18**ID of Source:****Received By:** MC**Collection Date:** 09/11/01 AT 8:45:00 PM**Bottle No.:** del18 - #1**Submitted On:** 09/11/01 AT 4:15:00 PM**Collected By:** CURCIO/WAGNER**Sample Type:** POT_DW**Comment:** wtc attack 9/11/01, metals submitted
in non-lab containers.**PWS No.:****Source Code:** 000**Type Descriptor:****Chilled on arrival?:** YES**Report To:****Sample No. AD22166**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	2,4,5-T	< MDL	ug/L	0.10	09/12/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/12/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/12/01	DLV
	DCPA, di-acid	< MDL	ug/L	1.0	09/12/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/12/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/12/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/12/01	DLV
	Picloram	< MDL	ug/L	0.08	09/12/01	DLV
	Silvex	< MDL	ug/L	0.080	09/12/01	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/12/20	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/12/20	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/12/20	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilisizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**
NYS ELAP # 10108
(914) 231-1620

Copy of Fax 10/02/01

Page 4 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

Received By: MC

ID of Source:

Bottle No.: del18 - #1

Collection Date: 09/11/01 AT 8:45:00 PM

Collected By: CURCIOWAGNER

Submitted On: 09/11/01 AT 4:15:00 PM

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/12/20	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	Benzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/12/20	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 5 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 6:45:00 PM

Bottle No.: del18 - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/12/20	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Methyl Iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/12/20	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/12/20	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/12/20	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/12/20	SV
524.2	O-xylene	< MDL	ug/L	.5	09/12/20	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/12/20	SV
524.2	P-Isopropyltoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Styrene	< MDL	ug/L	.5	09/12/20	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	Toluene	< MDL	ug/L	.5	09/12/20	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 6 of 8

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 6:45:00 PM

Bottle No.: del18 - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/12/20	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/12/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/12/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/12/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/12/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/12/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/12/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/12/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/12/01	DLV
	EPTC	< MDL	ug/L	1.0	09/12/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/12/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/12/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/12/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/12/01	DLV
	Molinate	< MDL	ug/L	0.90	09/12/01	DLV
	Simazine	< MDL	ug/L	0.07	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 7 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 6:45:00 PM

Bottle No.: del18 - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Terbacil	< MDL	ug/L	2.0	09/12/01	DLV

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

A scan of the extract, from 45 - 450 amu, prepared for the EPA 525.2 analysis, using an Ion Trap Detector (mass spectrometer), does not reveal the presence of any compounds out of the ordinary and at quantifiable levels. This is also our finding for samples ad22167, ad22168, ad22169, ad22170, and ad22171.

Carbamate Pesticides - 531.1

3-Hydroxycarbofuran	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb	< MDL	ug/L	1.0	09/18/01	DLV
Aldicarb sulfone	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb sulfoxide	< MDL	ug/L	2.0	09/18/01	DLV
Carbaryl	< MDL	ug/L	2.0	09/18/01	DLV
Carbofuran	< MDL	ug/L	1.5	09/18/01	DLV
Methomyl	< MDL	ug/L	0.50	09/18/01	DLV
Oxamyl	< MDL	ug/L	2.0	09/18/01	DLV

Glyphosate - 547

Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
------------	-------	------	-----	----------	-----

Recovery for the MDL Standard was below its acceptance range.

Endothall - 548.1

Endothall	< MDL	ug/L	50	10/02/01	DLV
-----------	-------	------	----	----------	-----

EPA 548.1 analysis was performed by NYSDOH ELAP Laboratory # 10552.

Diquat - 549.2

Diquat	< MDL	ug/L	2.0	09/17/01	DLV
--------	-------	------	-----	----------	-----

GC/MS Scan For Unknowns

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 8 of 9

Westchester County 10/2/01 7:46 PAGE 10/170 RightFAX

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 6:45:00 PM

Bottle No.: del18 - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22166

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Other unknown compounds	.			09/20/01	DLV

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

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 9 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 5:15:00 PM

Bottle No.: catleff - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	09/14/01	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	09/14/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	09/14/01	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Calcium	5100	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	09/14/01	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	09/14/01	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Iron	< MDL	ug/L	20.0	09/14/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	510	ug/L	100.0	09/13/01	PAD

Approved By: Pam Dillsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 1 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 5:15:00 PM

Bottle No.: catleff - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	1000	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Manganese	22	ug/L	20.0	09/14/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/14/01	PAD
EPA94 200.	Sodium	3400	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/14/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA'79 4.1.	Potable Metals Digestion	Completed			09/12/01	PAD
SM18 3111	Antimony	< MDL	ug/L	6	09/19/01	PAD
SM18 3113	Selenium	< MDL	ug/L	2	09/13/01	PAD
SM18 3113	Tin	< MDL	ug/L	100	09/17/01	PAD
	Stat charge for HG TEST	Completed			09/14/01 8:17 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:45 AM	PAD
	Stat charge for ICP	Completed			09/14/01 8:17 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/13/01	PAD

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 2 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 5:15:00 PM

Bottle No.: catleff - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/14/01	PAD
Organics						
<u>Dioxin - EPA 1613</u>						
	2,3,7,8-TCDD (Dioxin)	< MDL	pg/L	5.0	10/02/01	DLV
EPA 1613 analysis was performed by NYSDOH ELAP Laboratory # 11647.						
<u>Microextractables - 504.1</u>						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/12/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/12/01	DLV
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	09/20/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/20/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/20/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/20/01	DLV
	Endrin	< MDL	ug/L	0.020	09/20/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/20/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/20/01	DLV
	Lindane	< MDL	ug/L	0.030	09/20/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/20/01	DLV
	PCB's	< MDL	ug/L	0.20	09/20/01	DLV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 3 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 5:15:00 PM

Bottle No.: catleff - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Propachlor	< MDL	ug/L	0.040	09/20/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/20/01	DLV
<u>Herbicides - 515.1</u>						
	2,4,5-T	< MDL	ug/L	0.10	09/12/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/12/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/12/01	DLV
	DCPA, di-acid	< MDL	ug/L	1.0	09/12/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/12/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/12/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/12/01	DLV
	Picloram	< MDL	ug/L	0.08	09/12/01	DLV
	Silvex	< MDL	ug/L	0.080	09/12/01	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/12/20	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/12/20	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/12/20	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 4 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 5:15:00 PM

Bottle No.: catleff - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/12/20	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	Benzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 5 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY**Attention:** Steve Schindler**Sample Point:** CATLEFF**Received By:** MC**ID of Source:****Bottle No.:** catleff - #1**Collection Date:** 09/11/01 AT 5:15:00 PM**Collected By:** CURCIO/WAGNER**Submitted On:** 09/11/01 AT 4:15:00 PM**Comment:** wtc attack 9/11/01, metals submitted
in non-lab containers.**Sample Type:** POT_DW**PWS No.:****Source Code:** 000**Type Descriptor:****Chilled on arrival?:** YES**Report To:****Sample No. AD22167**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/12/20	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/12/20	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/12/20	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/12/20	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/12/20	SV
524.2	O-xylene	< MDL	ug/L	.5	09/12/20	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/12/20	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Styrene	< MDL	ug/L	.5	09/12/20	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilisizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**
NYS ELAP # 10108
(914) 231-1820

Copy of Fax 10/02/01

Page 6 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 5:15:00 PM

Bottle No.: catleff - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	Toluene	< MDL	ug/L	.5	09/12/20	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/12/20	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/12/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/12/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/12/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/12/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/12/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/12/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/12/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/12/01	DLV
	EPTC	< MDL	ug/L	1.0	09/12/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/12/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/12/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 7 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

Received By: MC

ID of Source:

Bottle No.: catleff - #1

Collection Date: 09/11/01 AT 5:15:00 PM

Collected By: CURCIOWAGNER

Submitted On: 09/11/01 AT 4:15:00 PM

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metribuzin	< MDL	ug/L	0.15	09/12/01	DLV
	Molinate	< MDL	ug/L	0.90	09/12/01	DLV
	Simazine	< MDL	ug/L	0.07	09/12/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/12/01	DLV

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

Carbamate Pesticides - 531.1

3-Hydroxycarbofuran	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb	< MDL	ug/L	1.0	09/18/01	DLV
Aldicarb sulfone	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb sulfoxide	< MDL	ug/L	2.0	09/18/01	DLV
Carbaryl	< MDL	ug/L	2.0	09/18/01	DLV
Carbofuran	< MDL	ug/L	1.5	09/18/01	DLV
Methomyl	< MDL	ug/L	0.50	09/18/01	DLV
Oxamyl	< MDL	ug/L	2.0	09/18/01	DLV

Glyphosate - 547

Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
------------	-------	------	-----	----------	-----

Recovery for the MDL Standard was below its acceptance range.

Endothall - 548.1

Endothall	< MDL	ug/L	50	10/02/01	DLV
-----------	-------	------	----	----------	-----

EPA 548.1 analysis was performed by NYSDOH ELAP Laboratory # 10552.

Diquat - 549.2

Diquat	< MDL	ug/L	2.0	09/17/01	DLV
--------	-------	------	-----	----------	-----

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 8 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 5:15:00 PM

Bottle No.: catleff - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22167

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

GC/MS Scan For Unknowns

Other unknown compounds

09/20/01

DLV

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

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 9 of 9

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 - KENSICO LAB
 19 WESTLAKE DR
 VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
 in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	09/14/01	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	09/14/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	09/14/01	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Calcium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	09/14/01	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	09/14/01	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Iron	< MDL	ug/L	20.0	09/14/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	< MDL	ug/L	100.0	09/13/01	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 1 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Manganese	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/14/01	PAD
EPA94 200.	Sodium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/14/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA79 4.1.	Potable Metals Digestion	Completed			09/12/01	PAD
SM18 3111	Antimony	< MDL	ug/L	6	09/19/01	PAD
SM18 3113	Selenium	< MDL	ug/L	2	09/13/01	PAD
SM18 3113	Tin	< MDL	ug/L	100	09/17/01	PAD
	Stat charge for HG TEST	Completed			09/14/01 8:20 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:49 AM	PAD
	Stat charge for ICP	Completed			09/14/01 8:20 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/13/01	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 2 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH
ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/14/01	PAD
Organics						
<u>Dioxin - EPA 1613</u>						
	2,3,7,8-TCDD (Dioxin)	< MDL	pg/L	5.0	10/02/01	DLV
EPA 1613 analysis was performed by NYSDOH ELAP Laboratory # 11647.						
<u>Microextractables - 504.1</u>						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/12/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/12/01	DLV
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	09/12/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/12/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/12/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/12/01	DLV
	Endrin	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/12/01	DLV
	Lindane	< MDL	ug/L	0.030	09/12/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/12/01	DLV
	PCB's	< MDL	ug/L	0.20	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 3 of 9

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 - KENSICO LAB
 19 WESTLAKE DR
 VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
 in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Propachlor	< MDL	ug/L	0.040	09/12/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/12/01	DLV
Herbicides - 515.1						
	2,4,5-T	< MDL	ug/L	0.10	09/12/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/12/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/12/01	DLV
	DCPA, di-acid	< MDL	ug/L	1.0	09/12/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/12/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/12/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/12/01	DLV
	Picloram	< MDL	ug/L	0.08	09/12/01	DLV
	Silvex	< MDL	ug/L	0.080	09/12/01	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/12/20	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/12/20	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/12/20	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dillsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 4 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/12/20	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/12/20	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	Benzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 5 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chlorobenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/12/20	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/12/20	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/12/20	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/12/20	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/12/20	SV
524.2	O-xylene	< MDL	ug/L	.5	09/12/20	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/12/20	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/12/20	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/12/20	SV
524.2	Styrene	< MDL	ug/L	.5	09/12/20	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/12/20	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 6 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	Toluene	< MDL	ug/L	.5	09/12/20	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/12/20	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/12/20	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/12/20	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/12/20	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/12/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/12/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/12/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/12/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/12/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/12/01	DLV
	bis(2-Ethylhexyl)phthalate	0.68	ug/L	0.60	09/12/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/12/01	DLV
	EPTC	< MDL	ug/L	1.0	09/12/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/12/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/12/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 7 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH

ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metribuzin	< MDL	ug/L	0.15	09/12/01	DLV
	Molinate	< MDL	ug/L	0.90	09/12/01	DLV
	Simazine	< MDL	ug/L	0.07	09/12/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/12/01	DLV

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

Carbamate Pesticides - 531.1

3-Hydroxycarbofuran	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb	< MDL	ug/L	1.0	09/18/01	DLV
Aldicarb sulfone	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb sulfoxide	< MDL	ug/L	2.0	09/18/01	DLV
Carbaryl	< MDL	ug/L	2.0	09/18/01	DLV
Carbofuran	< MDL	ug/L	1.5	09/18/01	DLV
Methomyl	< MDL	ug/L	0.50	09/18/01	DLV
Oxamyl	< MDL	ug/L	2.0	09/18/01	DLV

Glyphosate - 547

Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
------------	-------	------	-----	----------	-----

Recovery for the MDL Standard was below its acceptance range.

Endothall - 548.1

Endothall	< MDL	ug/L	50	10/02/01	DLV
-----------	-------	------	----	----------	-----

EPA 548.1 analysis was performed by NYSDOH ELAP Laboratory # 10552.

Diquat - 549.2

Diquat	< MDL	ug/L	2.0	09/17/01	DLV
--------	-------	------	-----	----------	-----

Approved By: Pam DiIsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 8 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH
ID of Source:

Received By: MC

Collection Date: 09/11/01 AT 8:15:00 PM

Bottle No.: crogh - #1

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22168

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

GC/MS Scan For Unknowns

Other unknown compounds

09/20/01

DLV

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

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 9 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	09/14/01	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	09/14/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	09/14/01	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Calcium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	09/14/01	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	09/14/01	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Iron	< MDL	ug/L	20.0	09/14/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	< MDL	ug/L	100.0	09/13/01	PAD

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 1 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY**Attention:** Steve Schindler**Sample Point:** DEL18 #6322**ID of Source:****Received By:** EP**Collection Date:** 09/12/01 AT 1:00:00 AM**Bottle No.:** del18 - #2**Submitted On:** 09/11/01 AT 4:15:00 PM**Collected By:** CURCIOWAGNER**Sample Type:** POT_DW**Comment:** wtc attack 9/11/01, metals submitted
in non-lab containers.**PWS No.:****Source Code:** 000**Type Descriptor:****Chilled on arrival?:** YES**Report To:****Sample No. AD22169**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Manganese	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/14/01	PAD
EPA94 200.	Sodium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/14/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA79 4.1.	Potable Metals Digestion	Completed			09/12/01	PAD
SM18 3111	Antimony	< MDL	ug/L	6	09/19/01	PAD
SM18 3113	Selenium	< MDL	ug/L	2	09/14/01	PAD
SM18 3113	Tin	< MDL	ug/L	100	09/17/01	PAD
	Stat charge for HG TEST	Completed			09/14/01 8:23 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:49 AM	PAD
	Stat charge for ICP	Completed			09/14/01 8:23 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/13/01	PAD

Approved By: Pam Dilisizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**
NYS ELAP # 10108
(914) 231-1820

Copy of Fax 10/02/01

Page 2 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/14/01	PAD
Organics						
<u>Dioxin - EPA 1613</u>						
	2,3,7,8-TCDD (Dioxin)	< MDL	pg/L	5.0	10/02/01	DLV
EPA 1613 analysis was performed by NYSDOH ELAP Laboratory # 11647.						
<u>Microextractables - 504.1</u>						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/12/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/12/01	DLV
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	09/12/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/12/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/12/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/12/01	DLV
	Endrin	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/12/01	DLV
	Lindane	< MDL	ug/L	0.030	09/12/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/12/01	DLV
	PCB's	< MDL	ug/L	0.20	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 3 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Propachlor	< MDL	ug/L	0.040	09/12/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/12/01	DLV
Herbicides - 515.1						
	2,4,5-T	< MDL	ug/L	0.10	09/12/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/12/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/12/01	DLV
	DCPA, di-acid	< MDL	ug/L	1.0	09/12/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/12/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/12/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/12/01	DLV
	Picloram	< MDL	ug/L	0.08	09/12/01	DLV
	Silvex	< MDL	ug/L	0.080	09/12/01	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/13/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/13/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/13/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 4 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/13/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 5 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/13/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/13/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/13/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/13/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/13/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/13/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/13/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/13/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 6 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/13/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/13/01	SV
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/12/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/12/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/12/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/12/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/12/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/12/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/12/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/12/01	DLV
	EPTC	< MDL	ug/L	1.0	09/12/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/12/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/12/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/12/01	DLV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 7 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metribuzin	< MDL	ug/L	0.15	09/12/01	DLV
	Molinate	< MDL	ug/L	0.90	09/12/01	DLV
	Simazine	< MDL	ug/L	0.07	09/12/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/12/01	DLV

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

Carbamate Pesticides - 531.1

3-Hydroxycarbofuran	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb	< MDL	ug/L	1.0	09/18/01	DLV
Aldicarb sulfone	< MDL	ug/L	2.0	09/18/01	DLV
Aldicarb sulfoxide	< MDL	ug/L	2.0	09/18/01	DLV
Carbaryl	< MDL	ug/L	2.0	09/18/01	DLV
Carbofuran	< MDL	ug/L	1.5	09/18/01	DLV
Methomyl	< MDL	ug/L	0.50	09/18/01	DLV
Oxamyl	< MDL	ug/L	2.0	09/18/01	DLV

Glyphosate - 547

Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
------------	-------	------	-----	----------	-----

Recovery for the MDL Standard was below its acceptance range.

Endothall - 548.1

Endothall	< MDL	ug/L	50	10/02/01	DLV
-----------	-------	------	----	----------	-----

EPA 548.1 analysis was performed by NYSDOH ELAP Laboratory # 10552.

Diquat - 549.2

Diquat	< MDL	ug/L	2.0	09/17/01	DLV
--------	-------	------	-----	----------	-----

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 8 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: DEL18 #6322
ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 1:00:00 AM

Bottle No.: del18 - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22169

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

GC/MS Scan For Unknowns

Other unknown compounds

09/20/01

DLV

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

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 9 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318
ID of Source:

Received By: EP

Collection Date: 09/11/01 AT 11:30:00 P

Bottle No.: catleff - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA84 200.	Silver	< MDL	ug/L	20.0	09/14/01	PAD
EPA84200.7	Aluminum	< MDL	ug/L	50.0	09/14/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA84 200.	Barium	< MDL	ug/L	200.0	09/14/01	PAD
EPA84 200.	Beryllium	< MDL	ug/L	2	09/14/01	PAD
EPA84 200.	Calcium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA84 200.	Cadmium	< MDL	ug/L	2.0	09/14/01	PAD
EPA84 200.	Cobalt	< MDL	ug/L	20.0	09/14/01	PAD
EPA84 200.	Chromium	< MDL	ug/L	10.0	09/14/01	PAD
EPA84 200.	Copper	< MDL	ug/L	20.0	09/14/01	PAD
EPA84 200.	Iron	< MDL	ug/L	20.0	09/14/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	< MDL	ug/L	100.0	09/13/01	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 1 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY**Attention:** Steve Schindler**Sample Point:** CATLEFF #6318**ID of Source:****Received By:** EP**Collection Date:** 09/11/01 AT 11:30:00 P**Bottle No.:** catleff - #2**Submitted On:** 09/11/01 AT 4:15:00 PM**Collected By:** CURCIONWAGNER**Sample Type:** POT_DW**Comment:** wtc attack 9/11/01, metals submitted
in non-lab containers.**PWS No.:****Source Code:** 000**Type Descriptor:****Chilled on arrival?:** YES**Report To:****Sample No. AD22170**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Manganese	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/14/01	PAD
EPA94 200.	Sodium	< MDL	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/14/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA'79 4.1.	Potable Metals Digestion	Completed			09/12/01	PAD
SM18 3111	Antimony	< MDL	ug/L	6	09/19/01	PAD
SM18 3113	Selenium	< MDL	ug/L	2	09/14/01	PAD
SM18 3113	Tin	< MDL	ug/L	100	09/17/01	PAD
	Stat charge for HG TEST	< MDL			09/14/01 8:25 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:50 AM	PAD
	Stat charge for ICP	Completed			09/14/01 8:25 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/13/01	PAD

Approved By: Pam Dilisizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**
NYS ELAP # 10108
(914) 231-1620

Copy of Fax 10/02/01

Page 2 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318

ID of Source:

Received By: EP

Collection Date: 09/11/01 AT 11:30:00 P

Bottle No.: catleff - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/14/01	PAD
Organics						
Dioxin - EPA 1613						
	2,3,7,8-TCDD (Dioxin)	< MDL	pg/L	5.0	10/02/01	DLV
EPA 1613 analysis was performed by NYSDOH ELAP Laboratory # 11647.						
Microextractables - 504.1						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/12/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/12/01	DLV
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/12/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/12/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/12/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/12/01	DLV
	Endrin	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/12/01	DLV
	Lindane	< MDL	ug/L	0.030	09/12/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/12/01	DLV
	PCB's	< MDL	ug/L	0.20	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 3 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318

ID of Source:

Received By: EP

Collection Date: 09/11/01 AT 11:30:00 P

Bottle No.: catleff - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Propachlor	< MDL	ug/L	0.040	09/12/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/12/01	DLV
<u>Herbicides - 515.1</u>						
	2,4,5-T	< MDL	ug/L	0.10	09/12/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/12/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/12/01	DLV
	DCCA, di-acid	< MDL	ug/L	1.0	09/12/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/12/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/12/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/12/01	DLV
	Picloram	< MDL	ug/L	0.08	09/12/01	DLV
	Silvex	< MDL	ug/L	0.080	09/12/01	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/13/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/13/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/13/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 4 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318

ID of Source:

Received By: EP

Collection Date: 09/11/01 AT 11:30:00 P

Bottle No.: catieff - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/13/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
NYS ELAP # 10108
(514) 231-1620

Copy of Fax 10/02/01

Page 5 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318

ID of Source:

Received By: EP

Collection Date: 09/11/01 AT 11:30:00 P

Bottle No.: catleff - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/13/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/13/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/13/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/13/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/13/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/13/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/13/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/13/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 6 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318

Received By: EP

ID of Source:

Bottle No.: catleff - #2

Collection Date: 09/11/01 AT 11:30:00 P

Collected By: CURCION/WAGNER

Submitted On: 09/11/01 AT 4:15:00 PM

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/13/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/13/01	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/12/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/12/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/12/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/12/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/12/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/12/01	DLV
	bis(2-Ethylhexyl)phthalate	0.64	ug/L	0.60	09/12/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/12/01	DLV
	EPTC	< MDL	ug/L	1.0	09/12/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/12/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/12/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/12/01	DLV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 7 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318

ID of Source:

Received By: EP

Collection Date: 09/11/01 AT 11:30:00 P

Bottle No.: catleff - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metribuzin	< MDL	ug/L	0.15	09/12/01	DLV
	Molinate	< MDL	ug/L	0.90	09/12/01	DLV
	Simazine	< MDL	ug/L	0.07	09/12/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/12/01	DLV

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

Carbamate Pesticides - 531.1

	3-Hydroxycarbofuran	< MDL	ug/L	2.0	09/18/01	DLV
	Aldicarb	< MDL	ug/L	1.0	09/18/01	DLV
	Aldicarb sulfone	< MDL	ug/L	2.0	09/18/01	DLV
	Aldicarb sulfoxide	< MDL	ug/L	2.0	09/18/01	DLV
	Carbaryl	< MDL	ug/L	2.0	09/18/01	DLV
	Carbofuran	< MDL	ug/L	1.5	09/18/01	DLV
	Methomyl	< MDL	ug/L	0.50	09/18/01	DLV
	Oxamyl	< MDL	ug/L	2.0	09/18/01	DLV

Glyphosate - 547

	Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
--	------------	-------	------	-----	----------	-----

Recovery for the MDL Standard was below its acceptance range.

Endothal - 548.1

	Endothal	< MDL	ug/L	50	10/02/01	DLV
--	----------	-------	------	----	----------	-----

EPA 548.1 analysis was performed by NYSDOH ELAP Laboratory # 10552.

Diquat - 549.2

	Diquat	< MDL	ug/L	2.0	09/17/01	DLV
--	--------	-------	------	-----	----------	-----

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 8 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CATLEFF #6318
ID of Source:

Received By: EP

Collection Date: 09/11/01 AT 11:30:00 P

Bottle No.: catleff - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22170

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
--------	------------------	---------	-------	-----	-------------	-----------

GC/MS Scan For Unknowns

Other unknown compounds

09/20/01

DLV

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

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 9 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY**Attention:** Steve Schindler**Sample Point:** CROGH #6326**Received By:** EP**ID of Source:****Bottle No.:** crogh - #2**Collection Date:** 09/12/01 AT 2:15:00 AM**Collected By:** CURCIO/WAGNER**Submitted On:** 09/11/01 AT 4:15:00 PM**Comment:** wtc attack 9/11/01, metals submitted
in non-lab containers.**Sample Type:** POT_DW**PWS No.:****Source Code:** 000**Type Descriptor:****Chilled on arrival?:** YES**Report To:****Sample No. AD22171**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	09/14/01	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	09/14/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	09/14/01	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Calcium	20000	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	09/14/01	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	09/14/01	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Iron	46	ug/L	20.0	09/14/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	2000	ug/L	100.0	09/13/01	PAD

Approved By: Pam Dilisizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**
NYS ELAP # 10108
(914) 231-1620

Copy of Fax 10/02/01

Page 1 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	6600	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Manganese	88	ug/L	20.0	09/14/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/14/01	PAD
EPA94 200.	Sodium	26000	ug/L	1000.0	09/14/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/14/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA'79 4.1.	Potable Metals Digestion	Completed			09/12/01	PAD
SM18 3111	Antimony	< MDL	ug/L	6	09/19/01	PAD
SM18 3113	Selenium	< MDL	ug/L	2	09/14/01	PAD
SM18 3113	Tin	< MDL	ug/L	100	09/17/01	PAD
	Stat charge for HG TEST	Completed			09/14/01 8:27 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:50 AM	PAD
	Stat charge for ICP	Completed			09/14/01 8:27 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/13/01	PAD

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 2 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	09/14/01	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	09/14/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/14/01	PAD
Organics						
Dioxin - EPA 1613						
	2,3,7,8-TCDD (Dioxin)	< MDL	pg/L	5.0	10/02/01	DLV
EPA 1613 analysis was performed by NYSDOH ELAP Laboratory # 11647.						
Microextractables - 504.1						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/12/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/12/01	DLV
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/12/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/12/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/12/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/12/01	DLV
	Endrin	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/12/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/12/01	DLV
	Lindane	< MDL	ug/L	0.030	09/12/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/12/01	DLV
	PCB's	< MDL	ug/L	0.20	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 3 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Propachlor	< MDL	ug/L	0.040	09/12/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/12/01	DLV
Herbicides - 515.1						
	2,4,5-T	< MDL	ug/L	0.10	09/12/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/12/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/12/01	DLV
	DCPA, di-acid	< MDL	ug/L	1.0	09/12/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/12/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/12/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/12/01	DLV
	Picloram	< MDL	ug/L	0.08	09/12/01	DLV
	Silvex	< MDL	ug/L	0.080	09/12/01	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/13/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/13/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/13/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 4 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/13/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/13/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 5 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Chlorobenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/13/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/13/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/13/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/13/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/13/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/13/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/13/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/13/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/13/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/13/01	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
NY6 ELAP # 10108
(814) 231-1620

Copy of Fax 10/02/01

Page 6 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/13/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/13/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/13/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/13/01	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/12/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/12/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/12/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/12/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/12/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/12/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.80	09/12/01	DLV
	bis(2-Ethylhexyl)phthalate	0.90	ug/L	0.60	09/12/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/12/01	DLV
	EPTC	< MDL	ug/L	1.0	09/12/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/12/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/12/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/12/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 7 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIOWAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metribuzin	< MDL	ug/L	0.15	09/12/01	DLV
	Molinate	< MDL	ug/L	0.90	09/12/01	DLV
	Simazine	< MDL	ug/L	0.07	09/12/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/12/01	DLV

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

Carbamate Pesticides - 531.1

	3-Hydroxycarbofuran	< MDL	ug/L	2.0	09/18/01	DLV
	Aldicarb	< MDL	ug/L	1.0	09/18/01	DLV
	Aldicarb sulfone	< MDL	ug/L	2.0	09/18/01	DLV
	Aldicarb sulfoxide	< MDL	ug/L	2.0	09/18/01	DLV
	Carbaryl	< MDL	ug/L	2.0	09/18/01	DLV
	Carbofuran	< MDL	ug/L	1.5	09/18/01	DLV
	Methomyl	< MDL	ug/L	0.50	09/18/01	DLV
	Oxamyl	< MDL	ug/L	2.0	09/18/01	DLV

Glyphosate - 547

	Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
--	------------	-------	------	-----	----------	-----

Recovery for the MDL Standard was below its acceptance range.

Endothall - 548.1

	Endothall	< MDL	ug/L	50	10/02/01	DLV
--	-----------	-------	------	----	----------	-----

EPA analysis 548.1 was performed by NYSDOH ELAP Laboratory # 10552.

Diquat - 549.2

	Diquat	< MDL	ug/L	2.0	09/17/01	DLV
--	--------	-------	------	-----	----------	-----

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 8 of 9

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 - KENSICO LAB
19 WESTLAKE DR
VALHALLA, NY

Attention: Steve Schindler

Sample Point: CROGH #6326

ID of Source:

Received By: EP

Collection Date: 09/12/01 AT 2:15:00 AM

Bottle No.: crogh - #2

Submitted On: 09/11/01 AT 4:15:00 PM

Collected By: CURCIO/WAGNER

Sample Type: POT_DW

Comment: wtc attack 9/11/01, metals submitted
in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22171

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>GC/MS Scan For Unknowns</u>						
	Other unknown compounds				09/20/01	DLV

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

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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

Copy of Fax 10/02/01

Page 9 of 9