

WESTCHESTER COUNTY DEPARTMENT OF LABS & RESEARCH						CHAIN OF CUSTODY RECORD								PAGE ____ OF ____	
SDG# <u>New York City DEP- Kensico Lab</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						
22358	DEL 18	9/12/01	17:20	Potable	✓			✓							
22359	CATLEFF	9/12/01	16:15	Potable	✓			✓							
22360	CRDGH	9/12/01	18:45	Potable	✓			✓							
I. SAMPLED AND RELINQ. BY: SIGN: <u>D.W. Robinson</u> PRINT: <u>D.W. Robinson</u> FIRM: <u>NYC-DEP</u> DATE: <u>9/13/01</u> TIME: <u>1115</u>					I. RECEIVED BY: SIGN: <u>L. Magnuson</u> PRINT: <u>L. Magnuson</u> FIRM: <u>LME</u> DATE: <u>9/13/01</u> TIME: <u>1115</u>		ANALYSES/COMMENTS:			IV. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		IV. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:	
II. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____					II. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:			V. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		V. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:	
III. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____					III. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:			VI. RELINQUISHED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		VI. RECEIVED BY: SIGN: _____ PRINT: _____ FIRM: _____ DATE: _____ TIME: _____		ANALYSES/COMMENTS:	
EVIDENCE SAMPLES TAMPERED WITH: ____ NO ____ YES ____ N/A					SAMPLES DISPOSED OF ON: _____										
IF YES EXPLAIN IN REMARKS					BY: _____										



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

Issue Date Set:

Sample Type (circle one)

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

Time/Date Collected: 4-12-01 13:45

Collected By: Smith, J. W. Agency Code: 000000

Collected From:

Location's/Individual's Name NYC-DEP

Street 19 Westlake Dr

City/St/Zip Valkaria, NY, 10595

Identification of Source

Collection Point C26-6H (6407)

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\$
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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. Pl
8. (br)

Refrigerated? ☒ yes ☐ noChlorinated? ☐ yes ☐ no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

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: 518 + 519

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 Semivolatle Unknown Scan
15. Purgeable Halocarbons (DEF)
16. Purgeable Aromatics (DEF)
17. Pesticides/PCB's (DEF)
18. Other:

INORGANIC ANALYSIS REQUESTED - Lab#

Abstract

1. Color _____
2. Turbidity _____
3. pH _____
4. Conductivity _____
5. Corrosivity (temp. _____ °C)
6. BOD (5 day) _____
7. Soluble BOD (5 day) _____
8. Total Organic BOD (5 day) _____
9. Chemical Oxygen Demand _____
10. Dissolved Oxygen _____
11. Total Organic Carbon _____
12. Suspended Solids _____
13. Volatile Solids _____
14. Fixed Solids _____
15. Total Solids _____
16. Total Dissolved Solids _____
17. Total Suspended Solids _____
18. Total Solids _____
19. Total Solids _____
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96. Total Solids _____
97. Total Solids _____
98. Total Solids _____
99. Total Solids _____
100. Total Solids _____

- | | |
|--|---------------------------------|
| 20. Acidity | 59. Aluminum |
| 21. Alkalinity, as CaCO_3 | 60. Antimony |
| 22. Bromide | 61. Arsenic |
| 23. Bromate/Chlorate/Chlorite | 62. Barium |
| 24. Chloride | 63. Beryllium |
| 25. Cyanide | 64. Boron |
| 26. Fluoride | 65. Cadmium |
| 27. Hardness, Total as CaCO_3 | 66. Calcium, as CaCO_3 |
| 28. Nitrogen, Ammonia as N | 67. Calcium, Ca^{+2} |
| 29. Nitrogen, Nitrate as N | 68. Chromium, Total |
| 30. Nitrogen, Nitrite as N | 69. Chromium, Hexavalent |
| 31. Nitrogen, Total Kjeldahl as N | 70. Cobalt |
| 32. Oil and Grease | 71. Copper |
| 33. Phenol | 72. Iron |
| 34. Phosphorus Total as P | 73. Lead |
| 35. Phosphorus, Ortho as P | 74. Magnesium |
| 36. Sulfates | 75. Manganese |
| 37. Surfactants | 76. Mercury |
| 38. UV254 | 77. Molybdenum |
| | 78. Nickel |

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

CLP

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

TCLP

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

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

Time/Date Set: _____

Sample Type (circle one)

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

Time/Date Collected: 2-21-11 17:20Collected By: SCOTT NORDEN Agency Code: _____

Collected From: _____

Location's/Individual's Name NYC-DEPStreet 19 Westlake Dr.City/St/Zip Valhalla N.Y. 10595

Identification of Source _____

Collection Point 19 Westlake Dr.Bottle #s: (215, 136, 275, 127, 386, 139, 249, 236, 238, 211)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 (memofiltration & all others)
2. Coliform P/A (public supplies)
3. Coliform MPN (priv well, raw, etc)
4. Faecal Coliform (all samples)
5. Microscopic
6. Macroscopic
7. API

Refrigerated? yes noChlorinated? yes no

Free Chlorine Res: _____ mg/L

Total Chlorine Res: _____ mg/L

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

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#: 22358

(circle tests)

- | | | |
|---------------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
| 5. Corrosivity (temp: _____ °C) | 24. Chloride | 43. Beryllium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ⁺² |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
| 12. Total Organic Halides | 31. Nitrogen, Total Kjeldahl as N | 50. Cobalt |
| 13. Solids, Percent (%) | 32. Oil and Grease | 51. Copper |
| 14. Solids, Settleable | 33. Phenol | 52. Iron |
| 15. Solids, Suspended | 34. Phosphorus Total as P | 53. Lead |
| 16. Solids, Total | 35. Phosphorus, Ortho as P | 54. Magnesium |
| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: _____ | 38. UV254 | 57. Molybdenum |
| | | 58. Nickel |

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

CLP

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

TCLP

71. TCLP-Metals
72. TCLP-Pesticides
73. TCLP-Herbicides
74. TCLP-Volatiles
75. TCLP-BNAs

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

Time/Date Set: _____

Sample Type (circle one)

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

Time/Date Collected: _____

Collected By: _____ Agency Code: _____

Collected From: _____

Location's/Individual's Name: _____

Street: _____

City/St/Zip: _____

Identification of Source: _____

Collection Point: _____

Bottle #s: 34, 110, 91, 12, 70, 50, 34, 39, 40, 42, 91, 92

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 Test)

1. Heterotrophic Plate Count (Heterotrophic Plate Count)
2. Coliform P/L (Coliforms)
3. Coliform M/L (Coliforms)
4. Fecal Coliform (Fecal Coliform)
5. Microscopic

Temperature: _____ °C

pH: _____

Free Chlorine Res: _____ mg/L

Total Chlorine Res: _____ mg/L

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: 546 + Diatom

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# 22359

(Circle Test)

1. Color
2. Turbidity
3. pH
4. Conductivity
5. Carbonate (Temp) °C
6. BOD (5 day)
7. Soluble BOD (5 day)
8. Carbonaceous BOD (5 day)
9. Chemical Oxygen Demand
10. Dissolved Oxygen
11. Total Organic Carbon
12. Total Organic Halides
13. Solids, Percent (%)
14. Solids, Settleable
15. Solids, Suspended
16. Solids, Total
17. Solids, Total Dissolved
18. Solids, Total Volatile
19. Other: A, P, S, T

20. Acidity
21. Alkalinity, as CaCO₃
22. Bromide
23. Bromate/Chlorate/Chlorite
24. Chloride
25. Cyanide
26. Fluoride
27. Hardness, Total as CaCO₃
28. Nitrogen, Ammonia as N
29. Nitrogen, Nitrate as N
30. Nitrogen, Nitrite as N
31. Nitrogen, Total Kjeldahl as N
32. Oil and Grease
33. Phenol
34. Phosphorus Total as P
35. Phosphorus, Ortho as P
36. Sulfates
37. Surfactants
38. UV254
39. Aluminum
40. Antimony
41. Arsenic
42. Barium
43. Beryllium
44. Boron
45. Cadmium
46. Calcium, as CaCO₃
47. Calcium, Ca⁺²
48. Chromium, Total
49. Chromium, Hexavalent
50. Cobalt
51. Copper
52. Iron
53. Lead
54. Magnesium
55. Manganese
56. Mercury
57. Molybdenum
58. Nickel

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

CLP

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

TCLP

71. TCLP-Metals
72. TCLP-Pesticides
73. TCLP-Herbicides
74. TCLP-Volatiles
75. TCLP-BNAs

REPORT OF ANALYSIS**Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**

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

Attention: Steve Schindler

Received By: KM

Bottle No.: del 18

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab
 containers.

Sample Location: NYC-DEP
 19 WESTLAKE DRIVE
 VALHALLA, N.Y.

Sample Point: DEL 18 (6407)

ID of Source:

Collection Date: 09/12/01 AT 5:20:00 PM

Submitted On: 09/13/01 AT 11:15:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22358

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	09/17/01	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	09/17/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	09/17/01	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	09/17/01	PAD
EPA94 200.	Calcium	5500	ug/L	1000.0	09/17/01	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	09/17/01	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	09/17/01	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	09/17/01	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	09/17/01	PAD
EPA94 200.	Iron	22	ug/L	20.0	09/17/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	480	ug/L	100.0	09/18/01	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
 19 WESTLAKE DRIVE
 VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: DEL 18 (6407)

Received By: KM

ID of Source:

Bottle No.: del 18

Collection Date: 09/12/01 AT 5:20:00 PM

Collected By: SUTTON/NEWMAN

Submitted On: 09/13/01 AT 11:15:00 A

Comment: 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. AD22358

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	1100	ug/L	1000.0	09/17/01	PAD
EPA94 200.	Manganese	23	ug/L	20.0	09/17/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/17/01	PAD
EPA94 200.	Sodium	3600	ug/L	1000.0	09/17/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/17/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA'79 4.1.	Potable Metals Digestion	Completed			09/14/01	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			09/17/01 8:53 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:51 AM	PAD
	Stat charge for ICP	Completed			09/17/01 8:53 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/19/01	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
465 Columbus Ave.
Valhalla, NY 10595

Sample Location: NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: DEL 18 (6407)

ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 5:20:00 PM

Bottle No.: del 18

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22358

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	09/17/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/17/01	PAD

Organics

Dioxin - EPA 1613

2,3,7,8-TCDD (Dioxin)

< MDL

pg/L

5.0

10/01/01

DLV

EPA analysis 1613 was performed by NYSDOH ELAP Laboratory # 11647.

Microextractables - 504.1

1,2-Dibromo-3-chloropropane

< MDL

ug/L

0.020

09/13/01

DLV

1,2-Dibromoethane

< MDL

ug/L

0.010

09/13/01

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

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
NY6 ELAP # 10108
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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: DEL 18 (8407)

ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 5:20:00 PM

Bottle No.: del 18

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22358

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

The recovery for Aldrin in the MDL Standard was below its acceptance range.

Herbicides - 515.1

	2,4,5-T	< MDL	ug/L	0.10	09/17/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/17/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/17/01	DLV
	DCCA, di-acid	< MDL	ug/L	1.0	09/17/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/17/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/17/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/17/01	DLV
	Picloram	< MDL	ug/L	0.08	09/17/01	DLV
	Silvex	< MDL	ug/L	0.080	09/17/01	DLV

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

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	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

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: DEL 18 (6407)

ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 5:20:00 PM

Bottle No.: del 18

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22358

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
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
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

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: DEL 18 (6407)

ID of Source:

Received By: KM

Bottle No.: del 18

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab
containers.

Collection Date: 09/12/01 AT 5:20:00 PM

Submitted On: 09/13/01 AT 11:15:00 A

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22358

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromomethane	< MDL	ug/L	.5	09/13/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/13/01	SV
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

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** DEL 18 (8407)**Received By:** KM**ID of Source:****Bottle No.:** del 18**Collection Date:** 09/12/01 AT 5:20:00 PM**Collected By:** SUTTON/NEWMAN**Submitted On:** 09/13/01 AT 11:15:00 A**Comment:** 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. AD22358**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Styrene	< MDL	ug/L	.5	09/13/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
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	09/15/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/15/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/15/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/15/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/15/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/15/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/15/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/15/01	DLV
	bis(2-Ethylhexyl)phthalate	0.78	ug/L	0.60	09/15/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/15/01	DLV
	EPTC	< MDL	ug/L	1.0	09/15/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/15/01	DLV

Approved By: Pam Dilisizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**
NYS ELAP # 10108
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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: DEL 18 (6407)

ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 5:20:00 PM

Bottle No.: del 18

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22358

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/15/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/15/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/15/01	DLV
	Molinate	< MDL	ug/L	0.90	09/15/01	DLV
	Simazine	< MDL	ug/L	0.07	09/15/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/15/01	DLV

The recoveries for 4 of the 18 compounds in the MDL Standard were above their acceptance ranges. This was due to contamination in the MDL Standard analysis. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.35 ug/L. 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
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Recovery for the MDL Standard was below its acceptance range.

Endothall - 548.1

Endothall	< MDL	ug/L	50	10/01/01	DLV
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Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: DEL 18 (6407)

ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 5:20:00 PM

Bottle No.: del 18

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22358

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA analysis 548.1 was performed by NYSDOH ELAP Laboratory # 10552.						
<u>Diquat - 549.2</u>						
	Diquat	< MDL	ug/L	2.0	09/17/01	DLV
<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.						
	Stat charge for VOLATILE organic te	Completed			09/13/01 5:24 PM	SV

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
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Page 9 of 9

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle catieff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF (6406)

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	09/17/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/17/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/17/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/17/01	PAD
EPA94	Calcium	5400	ug/L	1000.0	09/17/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/17/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/17/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/17/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/17/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/17/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/13/01	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories

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NYS ELAP # 10108

Page 1 of 9

REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York**Agency:** NYCDEP Bureau Water Supply
465 Columbus Ave.
Valhalla, NY 10595**Sample** NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.**Sample** CAT LEFF (6406)**Attention:** Steve Schindler**Received** KM**Bottle** catleff**Collected By:** SUTTON/NEWMAN**Comment:** metals submitted in non-lab containers.**ID of Source:****Collection** 09/12/01 AT 4:15:00**Submitted** 09/13/01 AT 11:15:00**Sample Type:** POT_DW**PWS No.:****Source Code:** 000**Type Descriptor:****Chilled on arrival?:** YES**Report****Sample No. AD22359**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	530	ug/L	100.0	09/18/01	PAD
EPA94	Magnesium	1100	ug/L	1000.0	09/17/01	PAD
EPA94	Manganese	25	ug/L	20.0	09/17/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/17/01	PAD
EPA94	Sodium	3700	ug/L	1000.0	09/17/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/17/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA'79	Potable Metals Digestion	Completed			09/14/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/19/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/14/01	PAD
SM18	Tin	< MDL	ug/L	100	09/17/01	PAD
	Stat charge for HG TEST	Completed			09/17/01 9:39 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:51 AM	PAD

Approved Pam Dilsizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**

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Page 2 of 9

REPORT OF ANALYSIS

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

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

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle catieff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

Sample CAT LEFF (6406)

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/17/01 9:39 AM	PAD
SM18	Titanium	< MDL	ug/L	100	09/19/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/14/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/17/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/17/01	PAD
Organics						
Dioxin - EPA 1613						
	2,3,7,8-TCDD (Dioxin)	< MDL	pg/L	5.0	10/01/01	DLV
EPA analysis 1613 was performed by NYSDOH ELAP Laboratory # 11647.						
Microextractables - 504.1						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/13/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/13/01	DLV
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/13/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/13/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/13/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/13/01	DLV
	Endrin	< MDL	ug/L	0.020	09/13/01	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories

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Page 3 of 9

REPORT OF ANALYSIS

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

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

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF (6406)

Attention: Steve Schindler
Received KM

Bottle catleff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Heptachlor	< MDL	ug/L	0.020	09/13/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/13/01	DLV
	Lindane	< MDL	ug/L	0.030	09/13/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/13/01	DLV
	PCB's	< MDL	ug/L	0.20	09/13/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/13/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/13/01	DLV

The recovery for Aldrin in the MDL Standard was below its acceptance range.

Herbicides - 515.1

	2,4,5-T	< MDL	ug/L	0.10	09/17/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/17/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/17/01	DLV
	DCPA, di-acid	< MDL	ug/L	1.0	09/17/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/17/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/17/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/17/01	DLV
	Picloram	< MDL	ug/L	0.08	09/17/01	DLV
	Silvex	< MDL	ug/L	0.080	09/17/01	DLV

Volatile Organic Compounds

524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/14/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/14/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories

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NYS ELAP # 10108

Page 4 of 9

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle catleff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF (6406)

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/14/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/14/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/14/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/14/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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Page 5 of 9

REPORT OF ANALYSIS

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

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

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Received KM

Bottle catleff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

Sample CAT LEFF (6406)

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/14/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/14/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/14/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/14/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/14/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/14/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/14/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/14/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/14/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/14/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/14/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/14/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/14/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/14/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/14/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/14/01	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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Page 6 of 9

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle catleff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF (6406)

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	N-butylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/14/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/14/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/14/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/14/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/14/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/14/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/14/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/14/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/14/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/14/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/14/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/14/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/14/01	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/15/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/15/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/15/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/15/01	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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Page 7 of 9

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle catleff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF (6406)

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Alachlor	< MDL	ug/L	0.20	09/15/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/15/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/15/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/15/01	DLV
	bis(2-Ethylhexyl)phthalate	1.1	ug/L	0.60	09/15/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/15/01	DLV
	EPTC	< MDL	ug/L	1.0	09/15/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/15/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/15/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/15/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/15/01	DLV
	Molinate	< MDL	ug/L	0.90	09/15/01	DLV
	Simazine	< MDL	ug/L	0.07	09/15/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/15/01	DLV

The recoveries for 4 of the 18 compounds in the MDL Standard were above their acceptance ranges. This was due to contamination in the MDL Standard analysis. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.35 ug/L. 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

Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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NYS ELAP # 10108

Page 8 of 9

REPORT OF ANALYSIS

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

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

Sample NYC-DEP
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Sample CAT LEFF (6406)

Attention: Steve Schindler

Received KM

Bottle catieff

Collected By: SUTTON/NEWMAN

Comment: metals submitted in non-lab containers.

ID of Source:

Collection 09/12/01 AT 4:15:00

Submitted 09/13/01 AT 11:15:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD22359

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	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

The recovery for the Surrogate Standard in this sample was above its acceptance range due to an instrument related interference.

Glyphosate - 547

Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
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Recovery for the MDL Standard was below its acceptance range.

Endothall - 548.1

Endothall	< MDL	ug/L	50	10/01/01	DLV
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EPA analysis 548.1 was performed by NYSDOH ELAP Laboratory # 10552.

Diquat - 549.2

Diquat	< MDL	ug/L	2.0	09/17/01	DLV
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GC/MS Scan For Unknowns

Other unknown compounds	.			09/20/01	DLV
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A scan of the extract for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds.

Stat charge for VOLATILE organic	Completed	09/13/01 5:24 PM SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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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
 19 WESTLAKE DRIVE
 VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: CRO GW (6408)

Received By: KM

ID of Source:

Bottle No.: crogh

Collection Date: 09/12/01 AT 6:45:00 PM

Collected By: SUTTON/NEWMAN

Submitted On: 09/13/01 AT 11:15:00 A

Comment: 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. AD22360

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	09/17/01	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	09/17/01	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	09/13/01	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	09/17/01	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	09/17/01	PAD
EPA94 200.	Calcium	< MDL	ug/L	1000.0	09/17/01	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	09/17/01	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	09/17/01	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	09/17/01	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	09/17/01	PAD
EPA94 200.	Iron	< MDL	ug/L	20.0	09/17/01	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	09/13/01	PAD
SM18 3111	Potassium	1860	ug/L	100.0	09/18/01	PAD

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
NY6 ELAP # 10108
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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: CRO GW (6408)

ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 6:45:00 PM

Bottle No.: crogh

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22360

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	< MDL	ug/L	1000.0	09/17/01	PAD
EPA94 200.	Manganese	< MDL	ug/L	20.0	09/17/01	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	09/17/01	PAD
EPA94 200.	Sodium	< MDL	ug/L	1000.0	09/17/01	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	09/17/01	PAD
SM18 3113	Lead	< MDL	ug/L	1.0	09/14/01	PAD
EPA'79 4.1.	Potable Metals Digestion	Completed			09/14/01	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			09/17/01 10:00 AM	PAD
	Stat charge for HGA test	Completed			09/24/01 9:52 AM	PAD
	Stat charge for ICP	Completed			09/17/01 10:00 AM	PAD
SM18 3113	Titanium	< MDL	ug/L	100	09/19/01	PAD

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
NYS ELAP # 10108
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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: CRO GW (6408)

ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 6:45:00 PM

Bottle No.: crog

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22360

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	09/17/01	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	09/17/01	PAD
Organics						
Dioxin - EPA 1613						
	2,3,7,8-TCDD (Dioxin)	< MDL	pg/L	5.0	10/01/01	DLV
EPA analysis 1613 was performed by NYSDOH ELAP Laboratory # 11647.						
Microextractables - 504.1						
	1,2-Dibromo-3-chloropropane	< MDL	ug/L	0.020	09/13/01	DLV
	1,2-Dibromoethane	< MDL	ug/L	0.010	09/13/01	DLV
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/13/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/13/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/13/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/13/01	DLV
	Endrin	< MDL	ug/L	0.020	09/13/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/13/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/13/01	DLV
	Lindane	< MDL	ug/L	0.030	09/13/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/13/01	DLV
	PCB's	< MDL	ug/L	0.20	09/13/01	DLV

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

Environmental Laboratories
NY6 ELAP # 10108
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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: CRO GW (8408)
ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 6:45:00 PM

Bottle No.: crogh

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22360

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Propachlor	< MDL	ug/L	0.040	09/13/01	DLV
	Toxaphene	< MDL	ug/L	0.40	09/13/01	DLV

The recovery for Aldrin in the MDL Standard was below its acceptance range.

Herbicides - 515.1

	2,4,5-T	< MDL	ug/L	0.10	09/17/01	DLV
	2,4-D	< MDL	ug/L	0.080	09/17/01	DLV
	Dalapon	< MDL	ug/L	0.80	09/17/01	DLV
	DCPA, di-acid	< MDL	ug/L	1.0	09/17/01	DLV
	Dicamba	< MDL	ug/L	0.080	09/17/01	DLV
	Dinoseb	< MDL	ug/L	0.16	09/17/01	DLV
	Pentachlorophenol	< MDL	ug/L	0.040	09/17/01	DLV
	Picloram	< MDL	ug/L	0.08	09/17/01	DLV
	Silvex	< MDL	ug/L	0.080	09/17/01	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

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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

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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.

Attention: Steve Schindler

Sample Point: CRO GW (6408)
ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 6:45:00 PM

Bottle No.: crogh

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22360

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/13/01	SV
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

Approved By: Pam Dilisizian

QA Officer

Date Approved: 10/02/01

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Page 5 of 9

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VALHALLA, N.Y.

Attention: Steve Schindler

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ID of Source:

Received By: KM

Collection Date: 09/12/01 AT 6:45:00 PM

Bottle No.: crogh

Submitted On: 09/13/01 AT 11:15:00 A

Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22360

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/13/01	SV
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

Approved By: Pam Dilsizian

QA Officer

Date Approved: 10/02/01

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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
19 WESTLAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** CRO GW (6408)**Received By:** KM**ID of Source:****Bottle No.:** crogh**Collection Date:** 09/12/01 AT 6:45:00 PM**Collected By:** SUTTON/NEWMAN**Submitted On:** 09/13/01 AT 11:15:00 A**Comment:** 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. AD22360**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/13/01	SV
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	09/15/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/15/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/15/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/15/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/15/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/15/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/15/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.80	09/15/01	DLV
	bis(2-Ethylhexyl)phthalate	0.77	ug/L	0.80	09/15/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/15/01	DLV
	EPTC	< MDL	ug/L	1.0	09/15/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/15/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/15/01	DLV

Approved By: Pam Dilsizian**QA Officer****Date Approved:** 10/02/01**Environmental Laboratories**
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Page 7 of 9

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Attention: Steve Schindler

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Collected By: SUTTON/NEWMAN

Sample Type: POT_DW

Comment: metals submitted in non-lab
containers.

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report To:

Sample No. AD22360

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Metolachlor	< MDL	ug/L	0.75	09/15/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/15/01	DLV
	Molinate	< MDL	ug/L	0.90	09/15/01	DLV
	Simazine	< MDL	ug/L	0.07	09/15/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/15/01	DLV

The recoveries for 4 of the 18 compounds in the MDL Standard were above their acceptance ranges. This was due to contamination in the MDL Standard analysis. The level for bis(2-Ethylhexyl)phthalate in the Laboratory Blank was 0.35 ug/L. 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

The recovery for the Surrogate Standard in this sample was above its acceptance range due to an instrument related interference.

Glyphosate - 547

Glyphosate	< MDL	ug/L	6.0	09/14/01	DLV
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Recovery for the MDL Standard was below its acceptance range.

Endothal - 548.1

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Page 8 of 9

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Chilled on arrival?: YES

Report To:

Sample No. AD22360

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Endothall	< MDL	ug/L	50	10/01/01	DLV
EPA analysis 548.1 was performed by NYSDOH ELAP Laboratory # 10552.						
	<u>Diquat - 549.2</u>					
	Diquat	< MDL	ug/L	2.0	09/17/01	DLV
<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.						
	Stat charge for VOLATILE organic te	Completed			09/13/01 5:24 PM	SV

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Page 9 of 9