

[illegible]



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)

Name/Date Set:

Sample Type (circle one):

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

Time/Date Collected: 7/20/01

Collected By: Agency Code:

Collected From:

Location's/Individual's Name

Street

City/St/Zip

Identification of Source

Collection Point

C-9811, K-6817, 7832, 5620, 0481
P-0166, QFB-118, P-0160, Q139, P8518, Q-149
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)

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

Refrigerated? yes no

Chlorinated?: yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH

ORGANIC POTABLE ANALYSES

Lab #: 23123

(circle tests)

- Trihalomethanes (524)
- Volatile Halocarbons (524)
- Volatile Aromatics (524)
- Total Trihalomethane Potential (510)
- Microextractables (504)
- Pesticides (507)
- Pesticides/PCB screen (508)
- PCB as Decachlorobiphenyl (508A)
- Herbicides (515)
- Pesticides (525)
- Carbamate Pesticides (531)
- Glyphosate (547)
- Diquat (549)
- Chlorination Disinfection Byproducts (551)
- Haloacetic Acids (552)
- Other Pesticides (SM-18/6630)
- Petroleum/Hydrocarbon Scan (310-13)

ORGANIC NONPOTABLE/SOLID ANALYSES

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

INORGANIC ANALYSES REQUESTED - Lab#:

(circle tests)

- | | | | |
|-----------------------------|--|-----------------------------------|---------------|
| 1. Color | 20. Acidity | 39. Aluminum | 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: 501.7 | 38. LIV254 | 57. Molybdenum | |
| | | 58. Nickel | |

CLP

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

TCLP

- TCLP-Metals
- TCLP-Pesticides
- TCLP-Herbicides
- TCLP-Volatiles
- 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: 8-29-01

Collected By: J. Smith Agency Code:

Collected From:

Location's/Individual's Name: N.Y.C. DEP

Street: 19 West 116th Street

City/St/Zip: Valhalla, NY 10595

Identification of Source:

Collection Point: W116

C-8702, K-1033, 8032, 7105, 0375
P-1501, P-1517, Q-1522, Q-1523, Q-1523, P-1513
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)

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

Regenerated? yes no

Chlorinated?: yes no

Free Chlorine Res: mg/L

Total Chlorine Res: mg/L

pH:

ORGANIC POTABLE ANALYSES

Lab #:

(circle tests)

- Trihalomethanes (524)
- Volatile Halocarbons (524)
- Volatile Aromatics (524)
- Total Trihalomethane Potential (510)
- Microextractables (504)
- Pesticides (507)
- Pesticides/PCB screen (508)
- PCB as Decachlorobiphenyl (508A)
- Herbicides (515)
- Pesticides (525)
- Carbamate Pesticides (531)
- Glyphosate (547)
- Diquat (549)
- Chlorination Disinfection Byproducts (551)
- Haloacetic Acids (552)
- Other Pesticides (SM-18/6630)
- Petroleum/Hydrocarbon Scan (310-13)

ORGANIC NONPOTABLE/SOLID ANALYSES

- Purgeable Halocarbons (624/8260)
- Purgeable Aromatics (624/8260)
- Acrolein & Acrylonitrile (624)
- Phthalates (606/8060)
- Organochlorine Pesticides (608/8080)
- PCB's (Arochlors) (608/8080)
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- PCB's (Arochlors) (DEF)

INORGANIC ANALYSES REQUESTED - Lab#:

(circle tests)

- | | | |
|-----------------------------|--|-----------------------------------|
| 1. Color | 20. Acidity | 39. Aluminum |
| 2. Turbidity | 21. Alkalinity, as CaCO ₃ | 40. Antimony |
| 3. pH | 22. Bromide | 41. Arsenic |
| 4. Conductivity | 23. Bromate/Chlorate/Chlorite | 42. Barium |
| 5. Corrosivity (temp: °C) | 24. Chloride | 43. Beryllium |
| 6. BOD (5 day) | 25. Cyanide | 44. Boron |
| 7. Soluble BOD (5 day) | 26. Fluoride | 45. Cadmium |
| 8. Carbonaceous BOD (5 day) | 27. Hardness, Total as CaCO ₃ | 46. Calcium, as CaCO ₃ |
| 9. Chemical Oxygen Demand | 28. Nitrogen, Ammonia as N | 47. Calcium, Ca ²⁺ |
| 10. Dissolved Oxygen | 29. Nitrogen, Nitrate as N | 48. Chromium, Total |
| 11. Total Organic Carbon | 30. Nitrogen, Nitrite as N | 49. Chromium, Hexavalent |
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| 17. Solids, Total Dissolved | 36. Sulfates | 55. Manganese |
| 18. Solids, Total Volatile | 37. Surfactants | 56. Mercury |
| 19. Other: S.T. | 38. UV254 | 57. Molybdenum |
| | | 58. Nickel |

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

CLP

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

TCLP

- TCLP-Metals
- TCLP-Pesticides
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Sample Type (circle one):

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

Time/Date Collected: 9/25 9/20/01

Collected By: K. [unclear] Agency Code:

Collected From:

Location's/Individual's Name NYC DEP

Street 19 WEST LAKE DRIVE

City/St/Zip Valhalla, NY 10595

Identification of Source

Collection Point CR20 IB

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#:

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BACTERIOLOGICAL ANALYSES

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

CLP

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

TCLP

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

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 C9811,P166,160,8518,Q118,139,

Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD23123

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Inorganics</u>						
EPA94	Silver	< MDL	ug/L	20.0	09/24/01	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	09/24/01	PAD
SM18	Arsenic	< MDL	ug/L	20	09/25/01	PAD
EPA94	Barium	< MDL	ug/L	200.0	09/24/01	PAD
EPA94	Beryllium	< MDL	ug/L	2	09/24/01	PAD
EPA94	Calcium	5500	ug/L	1000.0	09/24/01	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	09/24/01	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	09/24/01	PAD
EPA94	Chromium	< MDL	ug/L	10.0	09/24/01	PAD
EPA94	Copper	< MDL	ug/L	20.0	09/24/01	PAD
EPA94	Iron	< MDL	ug/L	20.0	09/24/01	PAD
EPA79	Mercury	< MDL	ug/L	0.40	09/21/01	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

Environmental Laboratories

Copy of Fax 10/15/01

NYS ELAP # 10108

Page 1 of 8

REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle C9811,P166,160,8518,Q118,139,

Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report**Sample No. AD23123**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
SM18	Potassium	470	ug/L	100.0	09/27/01	PAD
EPA94	Magnesium	1200	ug/L	1000.0	09/24/01	PAD
EPA94	Manganese	25	ug/L	20.0	09/24/01	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	09/24/01	PAD
EPA94	Sodium	3700	ug/L	1000.0	09/24/01	PAD
EPA94	Nickel	< MDL	ug/L	20.0	09/24/01	PAD
SM18	Lead	< MDL	ug/L	1.0	09/24/01	PAD
EPA'79	Potable Metals Digestion	Completed			09/24/01	PAD
SM18	Antimony	< MDL	ug/L	6	09/21/01	PAD
SM18	Selenium	< MDL	ug/L	2	09/21/01	PAD
SM18	Tin	< MDL	ug/L	100	09/21/01	PAD
	Stat charge for HG TEST	Completed			10/05/01 3:12 PM	PAD
	Stat charge for HGA test	Completed			10/03/01 3:10 PM	PAD

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

Environmental Laboratories

Copy of Fax 10/15/01

NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle C9811,P166,160,8518,Q118,139,

Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD23123

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Stat charge for ICP	Completed			09/24/01 5:11 PM	PAD
SM18	Titanium	< MDL	ug/L	100	09/24/01	PAD
EPA94	Thallium	< MDL	ug/L	2	09/21/01	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	09/24/01	PAD
EPA94	Zinc	< MDL	ug/L	20.0	09/24/01	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	09/21/01	DLV
	Aldrin	< MDL	ug/L	0.010	09/21/01	DLV
	Chlordane	< MDL	ug/L	0.40	09/21/01	DLV
	Dieldrin	< MDL	ug/L	0.016	09/21/01	DLV
	Endrin	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor	< MDL	ug/L	0.020	09/21/01	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	09/21/01	DLV
	Lindane	< MDL	ug/L	0.030	09/21/01	DLV
	Methoxychlor	< MDL	ug/L	0.039	09/21/01	DLV
	PCB's	< MDL	ug/L	0.20	09/21/01	DLV
	Propachlor	< MDL	ug/L	0.040	09/21/01	DLV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

Environmental Laboratories

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Agency: NYCDEP Bureau Water Supply
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Attention: Steve Schindler

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Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD23123

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Toxaphene	< MDL	ug/L	0.40	09/21/01	DLV
The recovery for Aldrin in the MDL Standard was below its acceptance range.						
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	09/20/01	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	09/20/01	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	09/20/01	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	09/20/01	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,1,1-trichloroethane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	09/20/01	SV

Approved Donna Popp

Chief of Env. Lab Services

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

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

Attention: Steve Schindler

Received KM

Bottle C9811,P166,160,8518,Q118,139,

Collected By: CURCIO

Comment:

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD23123

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	09/20/01	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	09/20/01	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	09/20/01	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	09/20/01	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	09/20/01	SV
524.2	Benzene	< MDL	ug/L	.5	09/20/01	SV
524.2	Bromobenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	09/20/01	SV
524.2	Bromomethane	< MDL	ug/L	.5	09/20/01	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	09/20/01	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	Chloroethane	< MDL	ug/L	.5	09/20/01	SV
524.2	Chloromethane	< MDL	ug/L	.5	09/20/01	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	09/20/01	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	09/20/01	SV
524.2	Dibromomethane	< MDL	ug/L	.5	09/20/01	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	09/20/01	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	09/20/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle C9811,P166,160,8518,Q118,139,

Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD23123

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	09/20/01	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	09/20/01	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	09/20/01	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	09/20/01	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	Naphthalene	< MDL	ug/L	.5	09/20/01	SV
524.2	O-xylene	< MDL	ug/L	.5	09/20/01	SV
524.2	P & M-xylene	< MDL	ug/L	.5	09/20/01	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	09/20/01	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	Styrene	< MDL	ug/L	.5	09/20/01	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	09/20/01	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	09/20/01	SV
524.2	Toluene	< MDL	ug/L	.5	09/20/01	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	09/20/01	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	09/20/01	SV
524.2	Trichloroethene	< MDL	ug/L	.5	09/20/01	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	09/20/01	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	09/20/01	SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle C9811,P166,160,8518,Q118,139,

Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD23123

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
<u>Organic Chemicals - 525.2</u>						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	09/27/01	DLV
	4,4-DDE	< MDL	ug/L	0.80	09/27/01	DLV
	Acetochlor	< MDL	ug/L	2.0	09/27/01	DLV
	Alachlor	< MDL	ug/L	0.20	09/27/01	DLV
	Atrazine	< MDL	ug/L	0.10	09/27/01	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	09/27/01	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	09/27/01	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	09/27/01	DLV
	Butachlor	< MDL	ug/L	0.40	09/27/01	DLV
	EPTC	< MDL	ug/L	1.0	09/27/01	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	09/27/01	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	09/27/01	DLV
	Metolachlor	< MDL	ug/L	0.75	09/27/01	DLV
	Metribuzin	< MDL	ug/L	0.15	09/27/01	DLV
	Molinate	< MDL	ug/L	0.90	09/27/01	DLV
	Simazine	< MDL	ug/L	0.07	09/27/01	DLV
	Terbacil	< MDL	ug/L	2.0	09/27/01	DLV

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

GCMS Scan For Unknowns

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle C9811,P166,160,8518,Q118,139,

Collected By: CURCIO

Comment:

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

Sample CAT LEFF

ID of Source:

Collection 09/20/01 AT 7:50:00

Submitted 09/20/01 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Chilled on arrival?: YES

Report

Sample No. AD23123

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Other unknown compounds	.	ug/L		10/10/01	DLV

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does reveal the presence of non-target compounds at levels relatively less than other samples. These hydrocarbons do not appear to be present in the Laboratory Blank. However, these hydrocarbons were present in previous Laboratory Blanks, and also some samples, analyzed for this NYCDEP project. An investigation is being made to determine the source of these hydrocarbons, if other than the samples themselves, i.e. laboratory equipment and reagents.

Stat charge for VOLATILE organic

Completed

09/20/01 10:56 AM SV

Approved Donna Popp

Chief of Env. Lab Services

Date Approved: 10/15/01

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NYS ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Suppl
465 Columbus Ave.
Valhalla, NY 10595**Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** DEL 18**ID of Source:****Received By:** KM**Collection Date:** 9/20/2001 AT 8:20:00 A**Bottle No.:** C8102,P8509,8517,8513,Q8521,8**Submitted On:** 9/20/2001 AT 11:47:00**Collected By:** CURCIO**Sample Type:** POT_DW**Comment:****PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival? :** YES**Report To:****Sample No. AD23124**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94 200.	Silver	< MDL	ug/L	20.0	9/24/2001	PAD
EPA94200.7	Aluminum	< MDL	ug/L	50.0	9/24/2001	PAD
SM18 3113	Arsenic	< MDL	ug/L	20	9/26/2001	PAD
EPA94 200.	Barium	< MDL	ug/L	200.0	9/24/2001	PAD
EPA94 200.	Beryllium	< MDL	ug/L	2	9/24/2001	PAD
EPA94 200.	Calcium	5600	ug/L	1000.0	9/24/2001	PAD
EPA94 200.	Cadmium	< MDL	ug/L	2.0	9/24/2001	PAD
EPA94 200.	Cobalt	< MDL	ug/L	20.0	9/24/2001	PAD
EPA94 200.	Chromium	< MDL	ug/L	10.0	9/24/2001	PAD
EPA94 200.	Copper	< MDL	ug/L	20.0	9/24/2001	ADB
EPA94 200.	Iron	< MDL	ug/L	20.0	9/24/2001	PAD
EPA79 245.	Mercury	< MDL	ug/L	0.40	9/21/2001	PAD
SM18 3111	Potassium	420	ug/L	100.0	9/27/2001	PAD

Approved By: Donna Popp**Chief of Env. Lab Services****Date Approved:** 10/18/2001**Environmental Laboratories**
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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Suppl
465 Columbus Ave.
Valhalla, NY 10595**Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** DEL 16**ID of Source:****Received By:** KM**Collection Date:** 9/20/2001 AT 8:20:00 A**Bottle No.:** C8102,P8509,8517,8513,Q8521,8**Submitted On:** 9/20/2001 AT 11:47:00**Collected By:** CURCIO**Sample Type:** POT_DW**Comment:****PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival? :** YES**Report To:****Sample No. AD23124**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Magnesium	1100	ug/L	1000.0	9/24/2001	PAD
EPA94 200.	Manganese	22	ug/L	20.0	9/24/2001	PAD
EPA94 200.	Molybdenum	< MDL	ug/L	50.0	9/24/2001	PAD
EPA94 200.	Sodium	3700	ug/L	1000.0	9/24/2001	PAD
EPA94 200.	Nickel	< MDL	ug/L	20.0	9/24/2001	ADB
SM18 3113	Lead	< MDL	ug/L	1.0	9/24/2001	PAD
EPA79 4.1.	Potable Metals Digestion	Completed			9/24/2001	PAD
SM18 3111	Antimony	< MDL	ug/L	6	9/21/2001	PAD
SM18 3113	Selenium	< MDL	ug/L	2	9/21/2001	PAD
SM18 3113	Tin	< MDL	ug/L	100	9/21/2001	PAD
	Stat charge for HG TEST	Completed			9/24/2001	5:13 PM PAD
	Stat charge for HGA test	Completed			10/3/2001	3:10 PM PAD
	Stat charge for ICP	Completed			9/24/2001	5:13 PM PAD
SM18 3113	Titanium	< MDL	ug/L	100	9/24/2001	PAD

Approved By: Donna Popp**Chief of Env. Lab Services****Date Approved:** 10/18/2001**Environmental Laboratories**
NYS ELAP # 10108
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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: DEL 18

ID of Source:

Received By: KM

Collection Date: 9/20/2001 AT 8:20:00 A

Bottle No.: C8102,P8509,8517,8513,Q8521,8

Submitted On: 9/20/2001 AT 11:47:00

Collected By: CURCIO

Sample Type: POT_DW

Comment:

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report To:

Sample No. AD23124

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94 200.	Thallium	< MDL	ug/L	2	9/21/2001	PAD
EPA94 200.	Vanadium	< MDL	ug/L	20.0	9/24/2001	PAD
EPA94 200.	Zinc	< MDL	ug/L	20.0	9/24/2001	PAD
Organics						
Chlorine Pesticides - 508						
	4,4-DDE	< MDL	ug/L	0.080	9/24/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/24/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/24/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/24/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/24/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/24/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/24/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/24/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/24/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/24/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/24/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/24/2001	DLV
Volatile Organic Compounds						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/20/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/20/2001	SV

Approved By: Donna Popp

Chief of Env. Lab Services

Date Approved: 10/18/2001

Environmental Laboratories

NY8 ELAP # 10108

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Suppl
465 Columbus Ave.
Valhalla, NY 10595**Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** DEL 18**ID of Source:****Received By:** KM**Collection Date:** 9/20/2001 AT 8:20:00 A**Bottle No.:** C8102,P8509,8517,8513,Q8521,8**Submitted On:** 9/20/2001 AT 11:47:00**Collected By:** CURCIO**Sample Type:** POT_DW**Comment:****PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival? :** YES**Report To:****Sample No. AD23124**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/20/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/20/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/20/2001	SV

Approved By: Donna Popp**Chief of Env. Lab Services****Date Approved:** 10/18/2001**Environmental Laboratories**
NYS ELAP # 10108
(914) 893-8575

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Suppl
465 Columbus Ave.
Valhalla, NY 10595**Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** DEL 18**ID of Source:****Received By:** KM**Collection Date:** 9/20/2001 AT 8:20:00 A**Bottle No.:** C8102,P8509,8517,8513,Q8521,8**Submitted On:** 9/20/2001 AT 11:47:00**Collected By:** CURCIO**Sample Type:** POT_DW**Comment:****PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival? :** YES**Report To:****Sample No. AD23124**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Bromochloromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/20/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/20/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/20/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/20/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/20/2001	SV

Approved By: Donna Popp**Chief of Env. Lab Services****Date Approved:** 10/18/2001**Environmental Laboratories**
NYS ELAP # 10108
(914) 593-5575

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REPORT OF ANALYSIS

Westchester County Department of Labs and Research 2 Dana Road Valhalla, New York 10595**Agency:** NYCDEP Bureau Water Suppl
465 Columbus Ave.
Valhalla, NY 10595**Sample Location:** NYC DEP
19 WEST LAKE DRIVE
VALHALLA, N.Y.**Attention:** Steve Schindler**Sample Point:** DEL 18**ID of Source:****Received By:** KM**Collection Date:** 9/20/2001 AT 8:20:00 A**Bottle No.:** C8102,P8509,8517,8513,Q8521,8**Submitted On:** 9/20/2001 AT 11:47:00**Collected By:** CURCIO**Sample Type:** POT_DW**Comment:****PWS No.:****Source Code:** 000**Type Descriptor:****Sample chilled on arrival? :** YES**Report To:****Sample No. AD23124**

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	O-xylene	< MDL	ug/L	.5	9/20/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/20/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/20/2001	SV
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/20/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/20/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/20/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	9/27/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	9/27/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	9/27/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	9/27/2001	DLV
	Alachlor	< MDL	ug/L	0.20	9/27/2001	DLV
	Atrazine	< MDL	ug/L	0.10	9/27/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	9/27/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	9/27/2001	DLV

Approved By: Donna Popp**Chief of Env. Lab Services****Date Approved:** 10/18/2001**Environmental Laboratories****NY8 ELAP # 10-108****(914) 893-5575**

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample Point: DEL 18

ID of Source:

Received By: KM

Collection Date: 9/20/2001 AT 8:20:00 A

Bottle No.: C8102,P8509,8517,8513,Q8521,8

Submitted On: 9/20/2001 AT 11:47:00

Collected By: CURCIO

Sample Type: POT_DW

Comment:

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report To:

Sample No. AD23124

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	9/27/2001	DLV
	Butachlor	< MDL	ug/L	0.40	9/27/2001	DLV
	EPTC	< MDL	ug/L	1.0	9/27/2001	DLV
	Hexachlorobenzene	< MDL	ug/L	0.10	9/27/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	9/27/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	9/27/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	9/27/2001	DLV
	Molinate	< MDL	ug/L	0.90	9/27/2001	DLV
	Simazine	< MDL	ug/L	0.07	9/27/2001	DLV
	Terbacil	< MDL	ug/L	2.0	9/27/2001	DLV

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

GCMS Scan For Unknowns

Other unknown compounds	ug/L	10/12/2001	DLV
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A scan of the extract prepared for the 508 analysis, from 35 - 550 amu using a mass spectrometer, does not reveal the presence of any non-target compounds generally different than those in the Laboratory Blank.

Stat charge for VOLATILE organic te	Completed	9/20/2001	10:56 AM	SV
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Approved By: Donna Popp

Chief of Env. Lab Services

Date Approved: 10/18/2001

Environmental Laboratories
NYS ELAP # 10108
(914) 893-5575

Original Fax 10/18/2001

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Sample CRO 1B

Received KM

ID of Source:

Bottle C9506,P8519,8516,8520,Q179,8

Collection 9/20/2001 AT 9:25:00

Collected By: CURCIO

Submitted 9/20/2001 AT 11:47:00

Comment:

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23125

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
Inorganics						
EPA94	Silver	< MDL	ug/L	20.0	9/24/2001	PAD
EPA94200.	Aluminum	< MDL	ug/L	50.0	9/24/2001	PAD
SM18	Arsenic	< MDL	ug/L	20	9/25/2001	PAD
EPA94	Barium	< MDL	ug/L	200.0	9/24/2001	PAD
EPA94	Beryllium	< MDL	ug/L	2	9/24/2001	PAD
EPA94	Calcium	21000	ug/L	1000.0	9/24/2001	PAD
EPA94	Cadmium	< MDL	ug/L	2.0	9/24/2001	PAD
EPA94	Cobalt	< MDL	ug/L	20.0	9/24/2001	PAD
EPA94	Chromium	< MDL	ug/L	10.0	9/24/2001	PAD
EPA94	Copper	< MDL	ug/L	20.0	9/24/2001	PAD
EPA94	Iron	38	ug/L	20.0	9/24/2001	PAD
EPA79	Mercury	< MDL	ug/L	0.40	9/21/2001	PAD
SM18	Potassium	2000	ug/L	100.0	9/27/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received KM

Bottle C9506,P8519,8516,8520,Q179,8

Collected By: CURCIO

Comment:

Sample CRO 1B

ID of Source:

Collection 9/20/2001 AT 9:25:00

Submitted 9/20/2001 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23125

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Magnesium	7200	ug/L	1000.0	9/24/2001	PAD
EPA94	Manganese	110	ug/L	20.0	9/24/2001	PAD
EPA94	Molybdenum	< MDL	ug/L	50.0	9/24/2001	PAD
EPA94	Sodium	28000	ug/L	1000.0	9/24/2001	PAD
EPA94	Nickel	< MDL	ug/L	20.0	9/24/2001	PAD
SM18	Lead	< MDL	ug/L	1.0	9/24/2001	PAD
EPA'79	Potable Metals Digestion	Completed			9/24/2001	PAD
SM18	Antimony	< MDL	ug/L	6	9/21/2001	PAD
SM18	Selenium	< MDL	ug/L	2	9/21/2001	PAD
SM18	Tin	< MDL	ug/L	100	9/21/2001	PAD
	Stat charge for HG TEST	Completed			9/24/2001 5:15 PM	PAD
SM18	Titanium	< MDL	ug/L	100	9/24/2001	PAD
EPA94	Thallium	< MDL	ug/L	2	9/21/2001	PAD
EPA94	Vanadium	< MDL	ug/L	20.0	9/24/2001	PAD

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle C9506,P8519,8516,8520,Q179,8

Collected By: CURCIO

Comment:

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

Sample CRO 1B

ID of Source:

Collection 9/20/2001 AT 9:25:00

Submitted 9/20/2001 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23125

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
EPA94	Zinc	< MDL	ug/L	20.0	9/24/2001	PAD
Organics						
<u>Chlorine Pesticides - 508</u>						
	4,4-DDE	< MDL	ug/L	0.080	9/24/2001	DLV
	Aldrin	< MDL	ug/L	0.010	9/24/2001	DLV
	Chlordane	< MDL	ug/L	0.40	9/24/2001	DLV
	Dieldrin	< MDL	ug/L	0.016	9/24/2001	DLV
	Endrin	< MDL	ug/L	0.020	9/24/2001	DLV
	Heptachlor	< MDL	ug/L	0.020	9/24/2001	DLV
	Heptachlor Epoxide	< MDL	ug/L	0.030	9/24/2001	DLV
	Lindane	< MDL	ug/L	0.030	9/24/2001	DLV
	Methoxychlor	< MDL	ug/L	0.039	9/24/2001	DLV
	PCB's	< MDL	ug/L	0.20	9/24/2001	DLV
	Propachlor	< MDL	ug/L	0.040	9/24/2001	DLV
	Toxaphene	< MDL	ug/L	0.40	9/24/2001	DLV
<u>Volatile Organic Compounds</u>						
524.2	*THM-Bromodichloromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	*THM-Bromoform	< MDL	ug/L	2.0	9/20/2001	SV
524.2	*THM-Chloroform	< MDL	ug/L	.5	9/20/2001	SV
524.2	*THM-Dibromochloromethane	< MDL	ug/L	2.0	9/20/2001	SV
524.2	1,1,1,2-tetrachloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1,1- trichloroethane	< MDL	ug/L	.5	9/20/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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REPORT OF ANALYSIS

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

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

Attention: Steve Schindler

Received KM

Bottle C9506,P8519,8516,8520,Q179,8

Collected By: CURCIO

Comment:

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

Sample CRO 1B

ID of Source:

Collection 9/20/2001 AT 9:25:00

Submitted 9/20/2001 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23125

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	1,1,2,2-tetrachloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1,2-trichloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1-dichloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1-Dichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,1-dichloropropene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,3-trichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,3-trichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,4-trichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2,4-trimethylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2-dichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2-dichloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,2-dichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,3,5-trimethylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,3-dichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,3-dichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	1,4-dichlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	2,2-dichloropropane	< MDL	ug/L	.5	9/20/2001	SV
524.2	2-butanone (MEK)	< MDL	ug/L	2.0	9/20/2001	SV
524.2	2-chlorotoluene	< MDL	ug/L	.5	9/20/2001	SV
524.2	4-chlorotoluene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Benzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Bromobenzene	< MDL	ug/L	.5	9/20/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Sample CRO 1B

ID of Source:

Collection 9/20/2001 AT 9:25:00

Submitted 9/20/2001 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23125

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	Bromochloromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Bromomethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Carbon tetrachloride	< MDL	ug/L	.5	9/20/2001	SV
524.2	Chlorobenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Chloroethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Chloromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	cis-1,2-dichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	cis-1,3-dichloropropene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Dibromomethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Dichlorodifluoromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Ethylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Hexachlorobutadiene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Isopropylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Methyl iso-butyl ketone (MIBK)	< MDL	ug/L	1.0	9/20/2001	SV
524.2	Methyl tert-butyl ether (MTBE)	< MDL	ug/L	1.0	9/20/2001	SV
524.2	Methylene Chloride	< MDL	ug/L	.5	9/20/2001	SV
524.2	N-butylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	N-propylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Naphthalene	< MDL	ug/L	.5	9/20/2001	SV
524.2	O-xylene	< MDL	ug/L	.5	9/20/2001	SV
524.2	P & M-xylene	< MDL	ug/L	.5	9/20/2001	SV
524.2	P-isopropyltoluene	< MDL	ug/L	.5	9/20/2001	SV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

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NYS ELAP # 10108

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received KM

Bottle C9506,P8519,8516,8520,Q179,8

Collected By: CURCIO

Comment:

Sample CRO 1B

ID of Source:

Collection 9/20/2001 AT 9:25:00

Submitted 9/20/2001 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23125

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
524.2	SEC-butylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Styrene	< MDL	ug/L	.5	9/20/2001	SV
524.2	TERT-butylbenzene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Tetrachloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Toluene	< MDL	ug/L	.5	9/20/2001	SV
524.2	trans-1,2-dichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	trans-1,3-dichloropropene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Trichloroethene	< MDL	ug/L	.5	9/20/2001	SV
524.2	Trichlorofluoromethane	< MDL	ug/L	.5	9/20/2001	SV
524.2	Vinyl chloride	< MDL	ug/L	.5	9/20/2001	SV
Organic Chemicals - 525.2						
	2,4-Dinitrotoluene	< MDL	ug/L	2.0	9/27/2001	DLV
	2,6-Dinitrotoluene	< MDL	ug/L	2.0	9/27/2001	DLV
	4,4-DDE	< MDL	ug/L	0.80	9/27/2001	DLV
	Acetochlor	< MDL	ug/L	2.0	9/27/2001	DLV
	Alachlor	< MDL	ug/L	0.20	9/27/2001	DLV
	Atrazine	< MDL	ug/L	0.10	9/27/2001	DLV
	Benzo(a)pyrene	< MDL	ug/L	0.20	9/27/2001	DLV
	bis(2-Ethylhexyl)adipate	< MDL	ug/L	0.60	9/27/2001	DLV
	bis(2-Ethylhexyl)phthalate	< MDL	ug/L	0.60	9/27/2001	DLV
	Butachlor	< MDL	ug/L	0.40	9/27/2001	DLV
	EPTC	< MDL	ug/L	1.0	9/27/2001	DLV

Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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REPORT OF ANALYSIS

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

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

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

Attention: Steve Schindler

Received KM

Bottle C9506,P8519,8516,8520,Q179,8

Collected By: CURCIO

Comment:

Sample CRO 1B

ID of Source:

Collection 9/20/2001 AT 9:25:00

Submitted 9/20/2001 AT 11:47:00

Sample Type: POT_DW

PWS No.:

Source Code: 000

Type Descriptor:

Sample chilled on arrival? : YES

Report

Sample No. AD23125

Method	Test Description	Results	Units	MDL	Analyzed on	Validator
	Hexachlorobenzene	< MDL	ug/L	0.10	9/27/2001	DLV
	Hexachlorocyclopentadiene	< MDL	ug/L	0.10	9/27/2001	DLV
	Metolachlor	< MDL	ug/L	0.75	9/27/2001	DLV
	Metribuzin	< MDL	ug/L	0.15	9/27/2001	DLV
	Molinate	< MDL	ug/L	0.90	9/27/2001	DLV
	Simazine	< MDL	ug/L	0.40	9/27/2001	DLV
	Terbacil	< MDL	ug/L	2.0	9/27/2001	DLV

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

GC/MS Scan For Unknowns

Other unknown compounds	ug/L	10/12/2001	DLV
-------------------------	------	------------	-----

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

Stat charge for VOLATILE organic	Completed	9/20/2001	10:56 AM SV
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Approved Pam Dilsizian

QA Officer

Date Approved: 11/5/2001

Environmental Laboratories

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Original 11/5/2001

NYS ELAP # 10108

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