



Severn Trent Laboratories

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July 13, 2000

Sterling Env. Eng., P.C.
9 Columbia Circle
Albany, New York 12203

Attn.: Mr. Peter Kelleher, P.E.

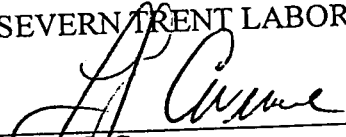
SUBJECT: CASE NARRATIVE, E20010,
STL NUMBER 216563.

Dear Mr. Kelleher, P.E.:

Enclosed are the analytical results for the E20010 project. The samples were received on May 26, 2000 and were prepared and analyzed according to EPA established methodologies and protocols. The reports were completed according to NYSDEC ASP Category A reporting requirements. Your evaluation of the enclosed data should incorporate the use of the attached case narrative.

I certify that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

SEVERN TRENT LABORATORIES



Louis J. Cercone
Laboratory Director

Other Laboratory Locations:

- 149 Rangeway Road, North Billerica MA 01862
- 55 South Park Drive, Colchester VT 05446
- 16203 Park Row, Suite 110, Houston TX 77084
- 200 Monroe Turnpike, Monroe CT 06468
- 120 Southcenter Court, Suite 300, Morrisville NC 27560
- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085
- 628 Route 10, Whippany NJ 07981

a part of
Severn Trent Services Inc

CASE NARRATIVE

Client: Sterling Env.

Date: 7/12/00

STL Lab No.: 216563

Page 1 of 2

Volatile Organics

The volatile organics were collected on May 25, 2000 and the inorganics were collected on May 26, 2000 for laboratory number 216563. The data system used for reporting does not allow for two different collection dates for the same sample, therefore the volatile organics have the incorrect sample collection date of May 26, 2000 on the analysis data sheet Form I.

Inorganics

ICP

Matrix Spike/Duplicate

The percent RPD for chromium in sample number 1-RD (216563-02D) falls outside the control limit of 20%. The data is qualified accordingly.

Serial Dilution

The percent difference of barium serial dilution sample number 1-RL (216563-02L) exceeds the control limit of 10%. As a result a chemical or physical interference effect may be suspected and the associated data is qualified with an "E".

Preparation Blank

The concentration of iron in the preparation blank associated with laboratory number 216563 exceeds the contract required detection limit of 100ug/l. The concentration was 294ug/l. As a result the following samples were re-digested and re-analyzed due to concentrations less than 10x the blank concentration in the initial analysis:

1-R (216563-02)
2-R (216563-04)
3-R (216563-06)
7-R (216563-12)
8-OS (216563-13)
8-R (216563-15)

Alkalinity

Sample Dilution

CASE NARRATIVE

Client: Sterling Env.

Date: 7/12/00

STL Lab No.: 216563

Page 2 of 2

As a result of the initial titration, the following samples were diluted for alkalinity at the indicated amount:

1-OS (216563-01): 2x
1-R (216563-02): 2x
1-RD (216563-02D): 2x
1-RS (216563-02S): 2x
2-OS (216563-03): 2x
2-R (216563-04): 2x
3-OS/I (216563-05): 2x
3-R (216563-06): 2x
4-R (216563-08): 2x
7-OS (216563-11): 2x
7-R (216563-12): 2x
8-I (216563-14): 2x
8-R (216563-15): 5x

Matrix Spike

The percent recovery of alkalinity in sample number 1-RS (216563-02S) falls outside the STL established control limits of 94-104%. The percent recovery was 90.8%.

Sample Receipt

The temperature of the samples at the time of receipt was 12.0 degree C.

NEW YORK DEPARTMENT OF CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

Laboratory Sample ID	Matrix	Date Collected	Date Received at Laboratory	Date Analyzed
216563-01	Water	5/25/00	5/26/00	6/2/00
216563-02	Water	5/25/00	5/26/00	6/2/00
216563-03	Water	5/25/00	5/26/00	6/2/00
216563-04	Water	5/25/00	5/26/00	6/2/00
216563-05	Water	5/25/00	5/26/00	6/2/00
216563-06	Water	5/25/00	5/26/00	6/2/00
216563-07	Water	5/25/00	5/26/00	6/2/00
216563-08	Water	5/25/00	5/26/00	6/2/00
216563-09	Water	5/25/00	5/26/00	6/2/00
216563-10	Water	5/25/00	5/26/00	6/2/00
216563-11	Water	5/25/00	5/26/00	6/2/00
216563-12	Water	5/25/00	5/26/00	6/5/00
216563-13	Water	5/26/00	5/26/00	6/3/00
216563-14	Water	5/25/00	5/26/00	6/3/00
216563-15	Water	5/26/00	5/26/00	6/5/00
216563-16	Water	5/25/00	5/26/00	6/5/00

NEW YORK DEPARTMENT OF CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analyte Requested	Date Received at Laboratory	Date Analyzed
216563-01	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 7/10/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-02	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 7/10/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-03	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-04	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 7/10/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-05	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Fe Ba, Cr, Na Hg	5/26/00	5/31/00 6/21/00 6/26/00 6/1/00

NEW YORK DEPARTMENT OF CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analyte Requested	Date Received at Laboratory	Date Analyzed
		Se TKN		6/16/00 6/7/00
216563-06	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 7/10/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-07	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-08	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-09	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-10	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn,	5/26/00	5/31/00 6/21/00

NEW YORK DEPARTMENT OF CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analyte Requested	Date Received at Laboratory	Date Analyzed
		Fe Ba, Cr, Na Hg Se TKN		6/26/00 6/1/00 6/16/00 6/7/00
216563-11	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-12	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Se Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 7/10/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-13	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Se Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 7/10/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-14	Water	COD, Alk. Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Se, Fe Ba, Cr, Na Hg Se TKN	5/26/00	5/31/00 6/21/00 6/26/00 6/1/00 6/16/00 6/7/00
216563-15	Water	COD, Alk.	5/26/00	5/31/00

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NEW YORK DEPARTMENT OF CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analyte Requested	Date Received at Laboratory	Date Analyzed
		Al, Sb, As, Be, Cd, Ca, Co, Cu, Pb, Mg, Mn, Ni, K, Ag, Tl, Total Hardness, V, Zn, Se Fe Ba, Cr, Na Hg Se TKN		6/21/00 7/10/00 6/26/00 6/1/00 6/16/00 6/7/00

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS Method #	*BNA GC/MS Method #	*VOA GC Method #	*PEST PCBs Method #	*Metals	*Other
1-OS	216563-01			117, 118		48, 56, 81	2, 20, 105, 40
1-R	216563-02			117, 118		48, 56, 81	2, 20, 105, 40
2-OS	216563-03			117, 118		48, 56, 81	2, 20, 105, 40
2-R	216563-04			117, 118		48, 56, 81	2, 20, 105, 40
3-OS/I	216563-05			117, 118		48, 56, 81	2, 20, 105, 40
3-R	216563-06			117, 118		48, 56, 81	2, 20, 105, 40
4-OS	216563-07			117, 118		48, 56, 81	2, 20, 105, 40
4-R	216563-08			117, 118		48, 56, 81	2, 20, 105, 40
5-OS	216563-09			117, 118		48, 56, 81	2, 20, 105, 40
5-R	216563-10			117, 118		48, 56, 81	2, 20, 105, 40
7-OS	216563-11			117, 118		48, 56, 81	2, 20, 105, 40
7-R	216563-12			117, 118		48, 56, 81	2, 20, 105, 40
8-OS	216563-13			117, 118		48, 56, 81	2, 20, 105, 40
8-I	216563-14			117, 118		48, 56, 81	2, 20, 105, 40
8-R	216563-15			117, 118		48, 56, 81	2, 20, 105, 40
Trip Blank	216563-16			117, 118		48, 56, 81	2, 20, 105, 40

*See attached summary of methodology for method numbers.

SUMMARY OF METHODOLOGY

1

Analysis	Aqueous	Ground Water Liquid/Solid Matrices
1 % Solid		EPA 160.3(A)
2 Alkalinity-Tit.	SM182320-B(Q)	
3 Ammonia	SM184500-NH3E(Q)	
4 Ammonia	SM184500-NH3F(Q)	
5 Ammonia	LAC107061A(U)	
6 Antimony	EPA 204.2(A,D)	
7 Antimony	SM183113(Q)	
8 Arsenic	EPA 206.2(A,D)	
9 Arsenic		SW846-7060A(B,D)
10 Arsenic	SM183113(Q)	
11 Beryllium	SM183113(Q)	
12 BOD	SM185210-B(Q)	
13 Bromide	EPA 300(A)	
14 Cadmium	SM183113(Q)	
15 CBOD	SM185210-B(Q)	
16 Chloride	SM184500-CL-B(Q)	
17 Chloride(DW)	SM174500-CL-B(N)	
18 Chloride-IC	EPA 300(A)	
19 COD (high)	EPA 410.4(A)	
20 COD (low)	HACH 8000(W)	
21 Color	SM18 2120-B(Q)	
22 Conductivity	SM182510-B(Q)	
23 Cyanide	SM184500-CNE(Q)	
24 Cyanide		SW846-9010B(B)
25 Cyanide	LAC204001A(R)	
26 Cyanide, Amenable	SW846-9010B(B)	
27 Dissolved Oxygen	SM184500-O-C(Q)	
28 Eptox		SW846-1310A(B)
29 Ethylene glycol	NYSDEC 89-9(M)	
30 F. Coli-MF	SM189222C(Q)	
31 F. Coli-MF	SM189222D(Q)	
32 F. Coli-MPN	SM189221C(Q)	
33 Ferrous Iron	SM183500-FED(Q)	
34 Flashpoint		SW846-1010(B)
35 Fluoride, Total	EPA 340.2(A)	EPA 340.2(A)
36 Fluoride, Total	EPA 300(A)	
37 Grease & Oil	SM185520-B(Q)	
38 Grease & Oil	EPA 413.1 (A)	

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SUMMARY OF METHODOLOGY

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39 GRO		EPA GRO Draft Rev. 5(Y)
40 Hardness, Total	EPA 200.7(A)	
41 Hardness, Total	EPA 130.2(A)	
42 Heat of Combustion	D2015(X)	
43 Herbicides		SW846-8151A(B)
44 Herbicides	EPA 515.1(L)	
45 Hex Chrome		SW846-7196A(B)
46 Hex Chrome	SM183500-Cr-D(Q)	
47 ICP Metals		SW846-6010B(B)
48 ICP Metals	EPA 200.7(A)	
49 Lead		SW846-7421(B,C)
50 Lead	EPA 239.2(A,D)	
51 Lead		SW846-7420(B,D)
52 Lead	SM183113(Q)	
53 MBAS	SM185540-C(Q)	
54 Mercury		SW846-7470A(B)
55 Mercury		SW846-7471A(B)
56 Mercury	EPA 245.1(A)	
57 Mercury	EPA 245.2(A)	
58 Nitrate-AA	SM174500-NO3F(N)	
59 Nitrate-IC	EPA 300(A)	
60 Nitrate-Nitrite	SM184500-NO3F(Q)	
61 Nitrate-Nitrite	LAC107041A(T)	
62 Nitrite	EPA 354.1(A)	
63 Nitrite	SM184500-NO2-B(Q)	
64 Odor	SM182150(Q7)	
65 Organochlorine PSTs		SW846-8081A(B)
66 Organochlorine PSTs	EPA 608(F)	
67 PCB's	EPA 508(H)	
68 Pesticides/PCB's		SW846-8082(B)
69 Pesticides/PCB's	95.3(Z)	95.3(Z)
70 Pesticides/PCB's	EPA 505(H)	
71 pH		SW846-9045(B)
72 pH	SM184500-H-B(Q)	
73 Phenols		SW846-9065(B)
74 Phenols	EPA 420.A(A)	
75 Phenols	LAC210001A(S)	
76 Phosphate, Ortho	SM184500-PE(Q)	
77 Phosphate, Total	EPA 365.3(A)	
78 Propylene glycol	Modified 8015(B)	
79 Reactivity		SW846-7.3.2(B)
80 Selenium		SW846-7740(B,D)

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SUMMARY OF METHODOLOGY

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81 Selenium	EPA 270.2(A,D)	
82 Selenium	SM183113(Q)	
83 Semi-Volatiles		SW846-8270C(B)
84 Semi-Volatiles	EPA 625(E)	
85 Semi-volatiles	95.2(Z)	95.2(Z)
86 Semi-Volatiles	EPA 525.1(H)	
87 Specific Gravity		D1298-83
88 SS	EPA 160.5(A)	
89 Sulfate		EPA 375.4(A)
90 Sulfate	EPA 375.4(A)	
91 Sulfate	EPA 300(A)	
92 Sulfide		SM184500-SE(Q)
93 Sulfide	SM184500-SE(Q)	
94 Sulfite	SM184500-SO3B(Q)	
95 Sulfite		SM184500SO3B(Q)
96 TCLP		SW846-1311(B)
97 TDS	EPA 160.1(A)	
98 TDS	SM182540C(Q)	
99 Thallium		SW846-7841(B,D)
100 Thallium	EPA 279.2(A,D)	
101 Thallium	EPA 200.9(A)	
102 Tin	EPA 282.2 (A)	
103 TOC	SM185310-B(Q)	
104 Total Kjeldahl Nitrogen	SM184500NH3-F(Q)	
105 Total Kjeldahl Nitrogen	LAC107062D(V)	
106 TOX		SW846-9020B(B)
107 TPH	EPA 418.1(A)	
108 TPH 310.13		LOAC 310.13(P)
109 TPH-Calif.	Calif. DHS 8015	Calif. DHS 8015
110 TSS	EPA 160.2(A)	
111 Turbidity	SM182130-B(Q)	
112 Volatiles Organics		SW846-8260B(B)
113 Volatiles Organics	EPA 624(E)	
114 Volatiles Organics	EPA 524.2(H)	
115 Volatiles Organics	EPA 502.2(K)	
116 Volatiles Organics		SW846-8021B(B)
117 Volatiles Organics	EPA 601(F)	
118 Volatiles Organics	EPA 602(F)	
119 Volatiles Organics	95.1(Z)	95.1(Z)
120 Volatiles Organics	95.4(Z)	95.4(Z)

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SUMMARY OF METHODOLOGY

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References

- A. "Methods for Chemical Analysis of Water and Wastewater", EPA-600/4-79-020, March 1983.
- B. "Test Methods for Evaluating Solid Waste", USEPA-SW846, Third Edition, September 1986 with all current revisions.
- C. Atomic Absorption - Direct Aspiration
- D. Atomic Absorption - Furnace Technique
- E. Federal Register, V. 50 No. 3, January 4, 1985.
- F. Federal Register, V. 49, No. 209, October 26, 1984.
- G. "Standard Methods for the Examination of Water and Wastewater", 16th Edition, 1986.
- H. "Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, December 1988.
- I. The Analysis of Trihalomethanes in Finished Waters by the Purge and Trap Method, EMSL, Cincinnati, Ohio 45268, November 6, 1979.
- J. Volatile Aromatic and Unsaturated Organic Compounds in Water by Purge and Trap Gas Chromatography, EMSL, Cincinnati, Ohio, 45268, Revision 2.0, (1989).
- K. Volatile Organic Compounds in Water by Purge and Trap Capillary Column Gas Chromatography With Photoionization and Electrolytic Conductivity Detectors in Series, EMSL, Cincinnati, Ohio, 45268, Revision 2.0(1989).
- L. Determination of Chlorinated Acids in Water by Gas Chromatography with an Electron Capture Detector, EMSL, Cincinnati, Ohio 45268, Revision 4.0 (1989)
- M. "New York State Department of Environmental Conservation Analytical Services Protocol, Vol. 2, October 1995.
- N. "Standard Methods for the Examination of Water and Wastewater", 17th Edition, 1989.
- O. "ASTM, Petroleum Products, Lubricants, and Fossil Fuels, Vol. 5.01 D56-D1947, 1990.
- P. "Analytical Handbook for the Laboratory of Organic Analytical Chemistry", Wadsworth Center for Laboratories and Research, New York State Department of Health, August, 1991.
- Q. "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.
- R. "Determination of Cyanide" (Macro Distillation Method in Waters), QUIK CHEM Method 10-204-00-1-A, Karin Wendt, Revised June 6, 1996, Lachat Instruments, Milwaukee, Wi. 53218
- S. "Determination of Total Recoverable Phenols by Flow Injection Analysis Colorimetry", QUIK CHEM Method 10-210-00-1-A, Ninglan Liao, Revised August 6, 1996, Lachat Instruments, Milwaukee, Wi. 53218.
- T. "Determination of Nitrate/Nitrite in Surface and Wastewaters by Flow Injection Analysis", QUIK CHEM Method 10-107041A, Karin Wendt, Revised June 24, 1997, Zellweger Analytics, Milwaukee, Wi. 53218.
- U. "Determination of Ammonia by Flow Injection Analysis Colorimetry", QUIK CHEM Method 10-107-06-1-A, Kevin Switala, Revised May 20, 1997, Lachat Instruments, Milwaukee, Wi. 53218.
- V. "Determination of Nitrogen, Total Kjeldahl by Flow Injection Analysis Colorimetry", QUIK CHEM Method 10-107-06-2-D, Kevin Switala, Revised October 7, 1997,



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SUMMARY OF METHODOLOGY

5

Lachat Instruments, Milwaukee, Wi. 53218.

W. HACH8000 1979 Handbook

X. NYS Department of Health, APC44, Revision 5/91.

Y. EPA Method for the Determination of Gasoline Range Organics, Draft, Rev. 5 , 2/5/92.

Z. "New York State Department of Environmental Conservation Analytical Services Protocol, Vol. 1, October 1995.

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Committed To Your Success

CHAIN OF CUSTODY

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Newburgh, NY 12550
TEL (914) 562-0890
FAX (914) 562-0841

CUSTOMER NAME	STERLING ENV. ENGR., P.C.
ADDRESS	4 COLUMBIA CIRCLE
CITY, STATE, ZIP	ALBANY, NY 12203 518-456-1460
NAME OF CONTACT	PETER KELLER, P.E. PHONE NO.
PROJECT LOCATION	Town of Ramapo LF
PROJECT NUMBER/PO NO.	E20010

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4°C.

REPORT TYPE	TURNAROUND	REPORT # (Lab Use Only)
STANDARD ☐ ISRA ☐	☒ NORMAL	2/6563
NYASP A ☒ B ☐ CLP ☐	☐ QUICK	SAMPLE TEMP 12.5°C
OTHER	☐ VERBAL	pH CHECK
		REVIEWED BY

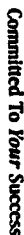
NY PUBLIC WATER SUPPLIES	
SOURCE ID	
ELRP TYPE	
FEDERAL ID	

STL #	SAMPLING DATE	TIME	COMP	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber Sulfuric Acid	Liter Amber Organic Washed	Liter Plastic Nitric Acid	Liter Plastic Sodium Hydroxide	Liter Plastic	Liter Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Amber	2 oz. Corpak	ANALYSIS REQUESTED
01-05	5/24/00	12:55	X	AO		6	3	1	1	1								NOA Vials filled 5/25/00, 13:35
02-1-R		12:45			HS/MSD													" " " 13:40
03-2-03		12:35																" " " 12:50
04-2-R		12:25																" " " 14:00
05-3-03/I		13:15																" " " 15:00
06-3-R		13:05																" " " 16:20
07-4-05		12:15																" " " 12:20
08-4-R		12:05																" " " 12:25
09-5-05		11:30																" " " 11:40
10-5-R		11:20																" " " 11:35
11-7-05		13:40																" " " 16:05
12-7-R		13:30																" " " 15:45

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RECEIVED BY	5-23-00	4:00pm	RECEIVED BY	5/20/00	16:15
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME

COMMENTS

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$$\begin{pmatrix} \text{PABT} \\ 2 \text{ or } 2 \end{pmatrix}$$

**315 Fullerton Avenue
Newburgh, NY 12550
TEL (914) 562-0890
FAX (914) 562-0841**

REPORT TYPE		TURNAROUND		REPORT # (Lab Use Only)	
STANDARD ☐	ISRA ☐	☐	NORMAL _____	217563	
NYASP A ☒	B ☐	☐	QUICK _____	SAMPLE TEMP. ☒ _____	
CLP ☐		☐	VERBAL _____	PH CHECK ☒ _____	
OTHER _____				REVIEWED BY: _____	

NY PUBLIC WATER SUPPLIES

SOURCE ID _____

ELRP TYPE _____

FEDERAL ID _____

Total Number of Containers
40ml Glass HCL
Liter Amber Sulfuric Acid
Liter Amber Organic Washed
Liter Plastic Nitric Acid
Liter Plastic Sodium Hydroxide
Liter Plastic
Liter Plastic Sulfuric Acid
250ml Plastic
125ml Plastic Sterile
250ml Amber
2 oz. Oorpak

ANALYSIS REQUESTED

STL #	SAMPLING TIME DATE AM PM	COMP GRAB	MATRIX	CLIENT I.D.	Total of C	40m H	Liter Sulf	Liter Orga	Liter Nitri	Soda	Liter	Liter Sulf	250	125 S	250	2 Oor	ANALYSIS REQUESTED	CO
13	B-05	5/26/00	14:30	X	AR.												NOA Vials 11449 5/26/00, 10:30	X
14	B-05	13:55															" " 5/25/00, 16:55	X
15	B-05	14:15															" " 5/26/00, 09:45	X
16	B-05	14:50															" " 5/25/00, 13:40	X
16	B-05	5/25/00	10:30	X	AD. TRIP BLACK	3	3										" " 5/25/00, 10:30	X
LAB U																		
* EPA 601, EPA 602, TKN, COD, ALKALINITY, HARDNESS, TAL METALS																		
** VOC's BY EPA 601 + 602																		

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
<i>[Signature]</i>	<i>[Signature]</i>	5-23-00	4:00pm	<i>[Signature]</i>	COMPANY		
REMOVED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
<i>[Signature]</i>	STERILINE	5/26/00	6:15	<i>[Signature]</i>	57L COMPANY	5/26/00	4:25 PM
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
				<i>[Signature]</i>			

COMMENTS



Severn Trent Laboratories
315 Fullerton Avenue
Newburgh NY 12550

Tel: (914) 562-0890
Fax: (914) 562-0841

SEVERN TRENT LABORATORIES
VOLATILE ORGANIC LABORATORY CHRONICLE

STL Laboratory Number: 216563

Date Receipt/Refrig.: 5/26

Client Project Number: E20010

Date Sampled: 5/26

Preservative: _____

Sampled Relinquished by	Sampled Received by	Date	Time	Reason for Change of Custody
<u>Bob Turner</u>	<u>R. Allen</u>	<u>5/26</u>		<u>Storage + Analysis</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Date(s) of Analysis:

Volatiles-GC

Volatiles-GCMS

6/2/00 + 6/5/00 (R)

QAQC Supervisor Review

and Approval

Bob Turner
PC

Other Laboratory Locations:

- 149 Rangeway Road, North Billerica MA 01862
- 55 South Park Drive, Colchester VT 05446
- 16203 Park Row, Suite 110, Houston TX 77084
- 200 Monroe Turnpike, Monroe CT 06468

- 120 Southcenter Court, Suite 300, Morrisville NC 27560
- 11 East Olive Road, Pensacola FL 32514
- Westfield Executive Park, 53 Southampton Road, Westfield MA 01085
- 628 Route 10, Whippany NJ 07981

000016

a part of

Severn Trent Services Inc

**Severn Trent Laboratories**315 Fullerton Avenue
Newburgh NY 12550

Tel: (914) 562-0890

Fax: (914) 562-0841

**SEVERN TRENT LABORATORIES
INORGANIC LABORATORY CHRONICLE**STL Laboratory Number: 216563Date Receipt/Refrig.: 5/26Client Project Number: E20010Date Sampled: 5/26

Preservative: _____

Sampled Relinquished by	Sampled Received by	Date	Time	Reason for Change of Custody
<u>[Signature]</u>	<u>M. Diagnostics</u>	<u>5/30/00</u>		<u>metal digestion</u>
	<u>[Signature]</u>	<u>5-31-00</u>		<u>all</u>
	<u>J. Lane</u>	<u>5-31-00</u>		<u>Hg</u>
	<u>[Signature]</u>	<u>5-31-00</u>		<u>COB</u>
		<u>6/16</u>		<u>Se</u>
	<u>M. Diagnostics</u>	<u>6/21/00</u>		<u>ICP</u>
	<u>M. Diagnostics</u>	<u>6/26/00</u>		<u>ICP - Ba, Cr, Na</u>
	<u>M. Diagnostics</u>	<u>7/10/00</u>		<u>ICP - Fe</u>
	<u>[Signature]</u>	<u>10/7/00</u>		<u>TKN</u>

Section Supervisor Review
and Approval[Signature]**Other Laboratory Locations:**

- 149 Rangeway Road, North Billerica MA 01862
- 55 South Park Drive, Colchester VT 05446
- 16203 Park Row, Suite 110, Houston TX 77084
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a part of

Severn Trent Services Inc

0000017

DATA REPORTING QUALIFIERS

Data qualifiers are used in the analytical report for organics and inorganics. The qualifiers are equivalent to those used by the USEPA in its Contract Laboratory Program.

ORGANIC QUALIFIERS

- U - Indicates that the compound was analyzed for but not detected. The sample detection limit is corrected for dilution and percent moisture. This detection limit is not necessarily the instrument detection limit.
- J - Indicates an estimated value. This qualifier is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria and the result is less than the specified detection limit but greater than zero.
- B - Indicates that the analyte was found in both the sample and its associated laboratory blank. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- C - This qualifier applies to pesticide parameters where the identification has been confirmed by gas chromatography/mass spectrometry.
- E - This qualifier indicates compounds whose concentrations exceed the calibration range of the instrument for the specific analysis.
- D - Indicates all compounds identified in an analysis at a secondary dilution factor.
- DL - This suffix indicates a diluted sample and is appended to the sample number on the result form.
- N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
- P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentration between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with an "P".
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- RE - This suffix indicates a re-analyzed sample and is appended to the sample number on the result form.



000013

DATA REPORTING QUALIFIERS

Page 2

RR - This suffix indicates a re-extracted and re-analyzed sample and is appended to the sample number on the result form.

INORGANICS

Concentration Qualifiers (C)

U - Indicates that the analyte was analyzed for but not detected.

B - The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

Quality Qualifiers (Q)

E - Indicates an estimated value because of the presence of interference.

M - Duplicate injection precision not met.

N - Spiked sample recovery not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

W - Post digestion spike for furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

* - Duplicate analysis not within control limits.

+ - Correlation coefficient for the MSA is less than 0.995.

Method Qualifiers (M)

P - for ICP.

A - for Flame AA.

F - for Furnace AA.

PM - for ICP when Microwave Digestion is used.

AM - for Flame AA when Microwave Digestion is used.

FM - for Furnace AA when Microwave Digestion is used.

CV - for Manual Cold Vapor AA.

AV - for Automated Cold Vapor AA.

AS - for Semi-Automated Spectrophotometric

C - for Manual Spectrophotometric

T - for Titrimetric.

NR - if the analyte is not required to be analyzed.

000019



Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 1-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-01	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0414.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000020



Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 1-0S	Date Collected: 26-MAY-00
STL Sample Number: 216563-01	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0413.0
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000021



Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 1-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-02	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0416.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1	.9	J
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 1-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-02	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0415.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 2-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-03	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0418.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total 1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 2-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-03	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0417.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 2-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-04	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0420.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total 1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 2-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-04	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0419.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000037



Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 3-OS/I	Date Collected: 26-MAY-00
STL Sample Number: 216563-05	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0422.0
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total 1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000028



Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 3-0S/I	Date Collected: 26-MAY-00
STL Sample Number: 216563-05	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0421.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 3-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-06	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0424.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total 1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 3-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-06	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0423.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000031



Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 4-05	Date Collected: 26-MAY-00
Sample Number: 216563-07	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0426.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 4-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-07	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0425.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 4-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-08	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0428.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000034



Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 4-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-08	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0427.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 5-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-09	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0430.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 5-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-09	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0429.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000037



Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 5-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-10	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0432.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 5-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-10	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0431.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 7-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-11	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0434.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total 1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

000040



Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 7-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-11	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 02-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0433.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U



000041

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Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 7-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-12	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 05-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0492.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total 1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 7-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-12	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 05-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0491.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 8-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-13	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 03-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0448.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total 1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 8-05	Date Collected: 26-MAY-00
STL Sample Number: 216563-13	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 03-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0447.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 8-I	Date Collected: 26-MAY-00
STL Sample Number: 216563-14	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 03-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0450.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1	2.8	U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1	.5	J

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 8-I	Date Collected: 26-MAY-00
STL Sample Number: 216563-14	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 03-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0449.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1	.5	J
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1	2.4	
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1	.6	J

Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: 8-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-15	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 05-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0494.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1	.7	J
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1	.5	J
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1		U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1		U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

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Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: 8-R	Date Collected: 26-MAY-00
STL Sample Number: 216563-15	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 05-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0493.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U



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Volatile Organics Analysis Data Sheet
Form I VOA
601

Client ID: TRIP BLANK	Date Collected: 26-MAY-00
STL Sample Number: 216563-16	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 05-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0496.D
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
74-87-3	Chloromethane	1		U
74-83-9	Bromomethane	1		U
75-71-8	Dichlorodifluoromethane	1		U
75-01-4	Vinyl Chloride	1		U
75-00-3	Chloroethane	1		U
75-09-2	Methylene Chloride	1		U
75-69-4	Trichlorofluoromethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-34-3	1,1-Dichloroethane	1		U
540-59-0	Total-1,2-Dichloroethene	1		U
67-66-3	Chloroform	1	2	U
107-06-2	1,2-Dichloroethane	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
75-27-4	Bromodichloromethane	1	1.5	U
78-87-5	1,2-Dichloropropane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
79-01-6	Trichloroethene	1		U
124-48-1	Dibromochloromethane	1		U
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
110-75-8	2-Chloroethylvinyl Ether	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
127-18-4	Tetrachloroethene	1		U
108-90-7	Chlorobenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Volatile Organics Analysis Data Sheet
Form I VOA
602

Client ID: TRIP BLANK	Date Collected: 26-MAY-00
STL Sample Number: 216563-16	Date Received: 26-MAY-00
Client Name: STERLING ENV. ENG., P.C.	Date Extracted:
Project Name: E20010	Date Analyzed: 05-JUN-00
% Solid: NA	Report Date: 12-JUL-00
Matrix: 2 GW/WW	Column: RTX-502.2
Sample Wt/Vol: 5ml	Lab File Id: C0495.0
Level: LOW	Dilution Factor: 1.00

CAS NO.	Compound	Detection Limit ug/l	Conc. ug/l	Data Qualifier
71-43-2	Benzene	1		U
108-88-3	Toluene	1	1.4	U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1		U
541-73-1	1,3-Dichlorobenzene	1		U
95-50-1	1,2-Dichlorobenzene	1		U
106-46-7	1,4-Dichlorobenzene	1		U

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-01
Client I.D.: 1-05
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	182	MG/L	2320-B	31-MAY-00
Aluminum	10800	UG/L	200.7	21-JUN-00
Antimony	29.1 B	UG/L	200.7	21-JUN-00
Arsenic	7.3 B	UG/L	200.7	21-JUN-00
Barium	146 B E	UG/L	200.7	26-JUN-00
Beryllium	0.31 B	UG/L	200.7	21-JUN-00
Cadmium	0.92 B	UG/L	200.7	21-JUN-00
Calcium	72300	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	15.0	MG/L	HACH-8000	31-MAY-00
Chromium	2100 *	UG/L	200.7	26-JUN-00
Cobalt	22.8 B	UG/L	200.7	21-JUN-00
Copper	68.0	UG/L	200.7	21-JUN-00
Iron	40500	UG/L	200.7	21-JUN-00
Lead	5.8	UG/L	200.7	21-JUN-00
Magnesium	21700	UG/L	200.7	21-JUN-00
Manganese	5740	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	140	UG/L	200.7	21-JUN-00
Potassium	5430	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	16-JUN-00
Silver	21.9	UG/L	200.7	21-JUN-00
Sodium	36400	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	741	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	24.2 B	UG/L	200.7	21-JUN-00
Zinc	53.1	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010

STL Sample Number: 216563-02

Client I.D.: 1-R

Date Collected: 26-MAY-00 Matrix: 2 GW/WW

Date Received: 26-MAY-00

Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	295	MG/L	2320-B	31-MAY-00
Aluminum	470 E	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	17.0 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.61 B	UG/L	200.7	21-JUN-00
Calcium	96100	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0	MG/L	HACH-8000	31-MAY-00
Chromium	58.6 *	UG/L	200.7	26-JUN-00
Cobalt	2.2 B	UG/L	200.7	21-JUN-00
Copper	6.8 B	UG/L	200.7	21-JUN-00
Iron	867	UG/L	200.7	10-JUL-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	20300	UG/L	200.7	21-JUN-00
Manganese	236	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	16.2 B	UG/L	200.7	21-JUN-00
Potassium	2560 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	16-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	29000	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	323	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	1.1 B	UG/L	200.7	21-JUN-00
Zinc	15.9 B	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-03
Client I.D.: 2-05
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	331	MG/L	2320-B	31-MAY-00
Aluminum	17800	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	6.6 B	UG/L	200.7	21-JUN-00
Barium	184 B E	UG/L	200.7	26-JUN-00
Beryllium	0.83 B	UG/L	200.7	21-JUN-00
Cadmium	2.4 B	UG/L	200.7	21-JUN-00
Calcium	128000	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	25.0	MG/L	HACH-8000	31-MAY-00
Chromium	415 *	UG/L	200.7	26-JUN-00
Cobalt	66.4	UG/L	200.7	21-JUN-00
Copper	56.9	UG/L	200.7	21-JUN-00
Iron	32900	UG/L	200.7	21-JUN-00
Lead	38.0	UG/L	200.7	21-JUN-00
Magnesium	27700	UG/L	200.7	21-JUN-00
Manganese	4110	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	215	UG/L	200.7	21-JUN-00
Potassium	5630	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	16-JUN-00
Silver	10.0 B	UG/L	200.7	21-JUN-00
Sodium	9960	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	434	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.1	MG/L	107-06-2	07-JUN-00
Vanadium	32.0 B	UG/L	200.7	21-JUN-00
Zinc	101	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C.
STL Sample Number: 216563-04
Client I.D.: 2-R
Date Collected: 26-MAY-00
Date Received: 26-MAY-00
Comments:

Project Name: E20010
Matrix: 2 GW/WW

Analysis	Result	Units	Method	Analyzed
Alkalinity	222	MG/L	2320-B	31-MAY-00
Aluminum	770	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	40.6 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	74600	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	4.0 B *	UG/L	200.7	26-JUN-00
Cobalt	1.2 U	UG/L	200.7	21-JUN-00
Copper	6.3 B	UG/L	200.7	21-JUN-00
Iron	1790	UG/L	200.7	10-JUL-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	15500	UG/L	200.7	21-JUN-00
Manganese	497	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	4.1 B	UG/L	200.7	21-JUN-00
Potassium	1900 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U	UG/L	270.2	16-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	10100	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	250	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	2.3	MG/L	107-06-2	07-JUN-00
Vanadium	1.2 B	UG/L	200.7	21-JUN-00
Zinc	14.0 B	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-05
Client I.D.: 3-0S/I
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	300	MG/L	2320-B	31-MAY-00
Aluminum	382	UG/L	200.7	21-JUN-00
Antimony	4.8 B	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	51.4 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	89900	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	687 *	UG/L	200.7	26-JUN-00
Cobalt	4.9 B	UG/L	200.7	21-JUN-00
Copper	13.5 B	UG/L	200.7	21-JUN-00
Iron	3310	UG/L	200.7	21-JUN-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	14100	UG/L	200.7	21-JUN-00
Manganese	5720	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	156	UG/L	200.7	21-JUN-00
Potassium	3330 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	16-JUN-00
Silver	4.5 B	UG/L	200.7	21-JUN-00
Sodium	41600	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	282	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	1.0 U	UG/L	200.7	21-JUN-00
Zinc	16.9 B	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-06
Client I.D.: 3-R
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	204	MG/L	2320-B	31-MAY-00
Aluminum	268	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	35.4 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	75900	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0	MG/L	HACH-8000	31-MAY-00
Chromium	51.2 *	UG/L	200.7	26-JUN-00
Cobalt	4.8 B	UG/L	200.7	21-JUN-00
Copper	5.2 B	UG/L	200.7	21-JUN-00
Iron	1610	UG/L	200.7	10-JUL-00
Lead	1.8 B	UG/L	200.7	21-JUN-00
Magnesium	24500	UG/L	200.7	21-JUN-00
Manganese	14200	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	73.7	UG/L	200.7	21-JUN-00
Potassium	1800 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	16-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	43300	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	290	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	1.0 U	UG/L	200.7	21-JUN-00
Zinc	9.0 B	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-07
Client I.D.: 4-05
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	63.6	MG/L	2320-B	31-MAY-00
Aluminum	6640	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	72.9 B E	UG/L	200.7	26-JUN-00
Beryllium	0.36 B	UG/L	200.7	21-JUN-00
Cadmium	0.45 B	UG/L	200.7	21-JUN-00
Calcium	16700	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0	MG/L	HACH-8000	31-MAY-00
Chromium	36.8 *	UG/L	200.7	26-JUN-00
Cobalt	13.3 B	UG/L	200.7	21-JUN-00
Copper	19.1 B	UG/L	200.7	21-JUN-00
Iron	16300	UG/L	200.7	21-JUN-00
Lead	2.3 B	UG/L	200.7	21-JUN-00
Magnesium	8310	UG/L	200.7	21-JUN-00
Manganese	1340	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	22.4 B	UG/L	200.7	21-JUN-00
Potassium	2720 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U	UG/L	270.2	16-JUN-00
Silver	1.6 B	UG/L	200.7	21-JUN-00
Sodium	30500	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	75.8	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	16.8 B	UG/L	200.7	21-JUN-00
Zinc	63.0	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-08
Client I.D.: 4-R
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	172	MG/L	2320-B	31-MAY-00
Aluminum	217	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	13.9 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	54000	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	0.5 U *	UG/L	200.7	26-JUN-00
Cobalt	2.2 B	UG/L	200.7	21-JUN-00
Copper	2.0 U	UG/L	200.7	21-JUN-00
Iron	5900	UG/L	200.7	21-JUN-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	18800	UG/L	200.7	21-JUN-00
Manganese	1320	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	1.5 B	UG/L	200.7	21-JUN-00
Potassium	1580 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U	UG/L	270.2	16-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	13800	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	212	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	1.0 U	UG/L	200.7	21-JUN-00
Zinc	9.0 B	UG/L	200.7	21-JUN-00

Remarks:

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Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-09
Client I.D.: 5-0S
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	18.2	MG/L	2320-B	31-MAY-00
Aluminum	30800 E	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	3.2 B	UG/L	200.7	21-JUN-00
Barium	205 E	UG/L	200.7	26-JUN-00
Beryllium	1.5 B	UG/L	200.7	21-JUN-00
Cadmium	1.3 B	UG/L	200.7	21-JUN-00
Calcium	10800	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0	MG/L	HACH-8000	31-MAY-00
Chromium	69.3 *	UG/L	200.7	26-JUN-00
Cobalt	21.7 B	UG/L	200.7	21-JUN-00
Copper	53.9	UG/L	200.7	21-JUN-00
Iron	41500	UG/L	200.7	21-JUN-00
Lead	5.4	UG/L	200.7	21-JUN-00
Magnesium	10100	UG/L	200.7	21-JUN-00
Manganese	533	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	35.0 B	UG/L	200.7	21-JUN-00
Potassium	6300	UG/L	200.7	21-JUN-00
Selenium	1.6 U	UG/L	270.2	16-JUN-00
Silver	6.4 B	UG/L	200.7	21-JUN-00
Sodium	5530	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	68.4	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	59.4	UG/L	200.7	21-JUN-00
Zinc	78.2	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-10
Client I.D.: 5-R
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	49.9	MG/L	2320-B	31-MAY-00
Aluminum	2900	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	32.6 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	1.4 B	UG/L	200.7	21-JUN-00
Calcium	15200	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	14.7 *	UG/L	200.7	26-JUN-00
Cobalt	3.8 B	UG/L	200.7	21-JUN-00
Copper	9.2 B	UG/L	200.7	21-JUN-00
Iron	5000	UG/L	200.7	21-JUN-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	5850	UG/L	200.7	21-JUN-00
Manganese	69.3	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	8.2 B	UG/L	200.7	21-JUN-00
Potassium	1480 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U	UG/L	270.2	16-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	4480 B	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	62.1	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	8.7 B	UG/L	200.7	21-JUN-00
Zinc	55.7	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C.

Project Name: E20010

STL Sample Number: 216563-11

Client I.D.: 7-0S

Date Collected: 26-MAY-00

Matrix: 2 GW/WW

Date Received: 26-MAY-00

Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	150	MG/L	2320-B	31-MAY-00
Aluminum	2810	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	68.3 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	68900	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	200 *	UG/L	200.7	26-JUN-00
Cobalt	8.4 B	UG/L	200.7	21-JUN-00
Copper	10.8 B	UG/L	200.7	21-JUN-00
Iron	4300	UG/L	200.7	21-JUN-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	12100	UG/L	200.7	21-JUN-00
Manganese	305	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	9.4 B	UG/L	200.7	21-JUN-00
Potassium	8500	UG/L	200.7	21-JUN-00
Selenium	1.6 U	UG/L	270.2	16-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	19800	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	222	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	5.0 B	UG/L	200.7	21-JUN-00
Zinc	34.8	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-12
Client I.D.: 7-R
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	313	MG/L	2320-B	31-MAY-00
Aluminum	121 B	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	7.6 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	85700	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	0.5 U *	UG/L	200.7	26-JUN-00
Cobalt	1.2 U	UG/L	200.7	21-JUN-00
Copper	4.4 B	UG/L	200.7	21-JUN-00
Iron	128	UG/L	200.7	10-JUL-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	17600	UG/L	200.7	21-JUN-00
Manganese	257	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	1.9 B	UG/L	200.7	21-JUN-00
Potassium	2160 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	21-JUN-00
Silver	2.2 B	UG/L	200.7	21-JUN-00
Sodium	13900	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	286	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	1.0 U	UG/L	200.7	21-JUN-00
Zinc	8.6 B	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-13
Client I.D.: 8-0S
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	13.6	MG/L	2320-B	31-MAY-00
Aluminum	49.5 B	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	10.7 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	5600	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	30.1 *	UG/L	200.7	26-JUN-00
Cobalt	6.4 B	UG/L	200.7	21-JUN-00
Copper	2.1 B	UG/L	200.7	21-JUN-00
Iron	1200	UG/L	200.7	10-JUL-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	1490 B	UG/L	200.7	21-JUN-00
Manganese	525	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	2.2 B	UG/L	200.7	21-JUN-00
Potassium	1080 B	UG/L	200.7	21-JUN-00
Selenium	1.6 U	UG/L	270.2	21-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	3480 B	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	20.1	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	1.0 U	MG/L	107-06-2	07-JUN-00
Vanadium	1.0 U	UG/L	200.7	21-JUN-00
Zinc	5.8 B	UG/L	200.7	21-JUN-00

Remarks:

Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-14
Client I.D.: 8-I
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	90.8	MG/L	2320-B	31-MAY-00
Aluminum	1270	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	6.6 B	UG/L	200.7	21-JUN-00
Barium	34.1 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	25100	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	10.0 U	MG/L	HACH-8000	31-MAY-00
Chromium	10.0 *	UG/L	200.7	26-JUN-00
Cobalt	1.7 B	UG/L	200.7	21-JUN-00
Copper	3.4 B	UG/L	200.7	21-JUN-00
Iron	9870	UG/L	200.7	21-JUN-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	6100	UG/L	200.7	21-JUN-00
Manganese	789	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	5.9 B	UG/L	200.7	21-JUN-00
Potassium	6220	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	21-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	15000	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	87.9	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	3.8	MG/L	107-06-2	07-JUN-00
Vanadium	2.2 B	UG/L	200.7	21-JUN-00
Zinc	18.2 B	UG/L	200.7	21-JUN-00

Remarks:

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Inorganics Analysis Data Sheet
Form I - IN

Client Name: STERLING ENV. ENG., P.C. Project Name: E20010
STL Sample Number: 216563-15
Client I.D.: 8-R
Date Collected: 26-MAY-00 Matrix: 2 GW/WW
Date Received: 26-MAY-00
Comments:

Analysis	Result	Units	Method	Analyzed
Alkalinity	488	MG/L	2320-B	31-MAY-00
Aluminum	62.2 B	UG/L	200.7	21-JUN-00
Antimony	3.4 U	UG/L	200.7	21-JUN-00
Arsenic	2.6 U	UG/L	200.7	21-JUN-00
Barium	50.1 B E	UG/L	200.7	26-JUN-00
Beryllium	0.10 U	UG/L	200.7	21-JUN-00
Cadmium	0.40 U	UG/L	200.7	21-JUN-00
Calcium	122000	UG/L	200.7	21-JUN-00
Chemical Oxygen Demand	20.0	MG/L	HACH-8000	31-MAY-00
Chromium	1.1 B *	UG/L	200.7	26-JUN-00
Cobalt	12.1 B	UG/L	200.7	21-JUN-00
Copper	5.4 B	UG/L	200.7	21-JUN-00
Iron	1180	UG/L	200.7	10-JUL-00
Lead	1.5 U	UG/L	200.7	21-JUN-00
Magnesium	32900	UG/L	200.7	21-JUN-00
Manganese	2640	UG/L	200.7	21-JUN-00
Mercury	0.20 U	UG/L	245.1	01-JUN-00
Nickel	16.2 B	UG/L	200.7	21-JUN-00
Potassium	23500	UG/L	200.7	21-JUN-00
Selenium	1.6 U W	UG/L	270.2	21-JUN-00
Silver	1.6 U	UG/L	200.7	21-JUN-00
Sodium	71100	UG/L	200.7	26-JUN-00
Thallium	2.3 U	UG/L	200.7	21-JUN-00
Total Hardness	441	MG/L	200.7	21-JUN-00
Total Kjeldahl Nitrogen	19.5	MG/L	107-06-2	07-JUN-00
Vanadium	1.0 U	UG/L	200.7	21-JUN-00
Zinc	6.4 B	UG/L	200.7	21-JUN-00

Remarks:

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NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NYC49

7/13/00

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Samples Collected 5/25/00 & 5/26/00

Sterling Env. Eng., P.C.

Albany, New York

Project: E20010

STL Lab. #: 216563

Matrix: Water

1 of 1