ATTACHMENT E-1
Interim Status Monitoring Data

Appendix C-1

July 26, 1986

DATA:

W 10
W 11
W 12
W 13

James W. Andrews, Ph.D.
President

Janette M. Davis
Vice-President

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P. O. Box 13842 • Savannah, GA 31416-0842
Whitfield Avenue at Shipyard Road (31406)
(912) 354-7858

LOG NO: 86-1733

Received: 22 JUL 86

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
1733-4	Well 10	Savannah Laboratories
1733-5	Well 12	

PARAMETER	1733-4	1733-5
Arsenic, mg/l	<0.01	<0.01
rium, mg/l	<0.05	0.06
mium, mg/l	<0.001	<0.001
Chromium, mg/l	<0.05	<0.05
Lead, mg/l	<0.01	<0.01
Mercury, mg/l	<0.0002	<0.0002
Selenium, mg/l	<0.005	<0.005
Silver, mg/l	<0.001	<0.001
Fluoride, mg/l	<0.2	<0.2
Nitrate-N, mg/l	4.6	1.4
Pesticides (SDWA)		
Endrin, ug/l	<0.02	<0.02
Gamma-BHC, ug/l	<0.004	<0.004
Methoxychlor, ug/l	<0.1	<0.1
Toxaphene, ug/l	<1	<1
Herbicides (SDWA)		
2,4-D, mg/l	<0.0001	<0.0001
2,4,5-TP Silvex, mg/l	<0.00003	<0.00003
Turbidity, NTU	>1000	>1000
Total Coliform MF, col/100ml	0	0
Chloride, mg/l	5.2	5.0
Iron, mg/l	1.1	0.20

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1733-4	Well 10	Savannah Laboratories
1733-5	Well 12	

PARAMETER	1733-4	1733-5
Manganese, mg/l	0.08	0.12
Phenolics,Total Recoverable, mg/l	<0.01	<0.01
Sodium, mg/l	4.8	49
Sulfate, mg/l	2.1	30
Total Organic Carbon, mg/l	2.4	2.6
Total Organic Halogen, mg/l	0.03	<0.02
pH, units	5.6	6.8
Specific Conductance, umhos/cm	60	350
Copper, mg/l	<0.05	<0.05
Nickel, mg/l	<0.01	<0.01
Total Cyanide, mg/l	<0.02	<0.02
Amenable Cyanide, mg/kg dw	<0.02	<0.02

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LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
1733-4	Well 10	Savannah Laboratories
1733-5	Well 12	

PARAMETER	1733-4	1733-5
Purgeables		
Benzene, mg/l	<0.001	<0.001
Bromodichloromethane, mg/l	<0.001	<0.001
Bromoform, mg/l	<0.001	<0.001
Bromomethane, mg/l	<0.001	<0.001
Carbon Tetrachloride, mg/l	<0.001	<0.001
Chlorobenzene, mg/l	<0.001	<0.001
Chloroethane, mg/l	<0.001	<0.001
2-Chloroethylvinyl Ether, mg/l	<0.001	<0.001
Chloroform, mg/l	<0.001	<0.001
Chloromethane, mg/l	<0.001	<0.001
Dibromochloromethane, mg/l	<0.001	<0.001
1,2-Dichlorobenzene, mg/l	<0.001	<0.001
1,3-Dichlorobenzene, mg/l	<0.001	<0.001
1,4-Dichlorobenzene, mg/l	<0.001	<0.001
1,1-Dichloroethane, mg/l	<0.001	<0.001
1,2-Dichloroethane, mg/l	<0.001	<0.001
1,1-Dichloroethylene, mg/l	0.014	<0.001
trans-1,2-Dichloroethene, mg/l	<0.001	<0.001
1,2-Dichloropropane, mg/l	<0.001	<0.001
cis-1,3-Dichloropropene, mg/l	<0.001	<0.001
trans-1,3-Dichloropropene, mg/l	<0.001	<0.001

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LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
1733-4	Well 10	Savannah Laboratories
1733-5	Well 12	

PARAMETER	1733-4	1733-5
Ethylbenzene, mg/l	<0.001	<0.001
Methylene Chloride, mg/l	<0.001	<0.001
1,2,2-Tetrachloroethane, mg/l	<0.001	<0.001
Tetrachloroethylene, mg/l	<0.001	<0.001
Toluene, mg/l	<0.001	<0.001
1,1,1-Trichloroethane, mg/l	0.001	<0.001
1,1,2-Trichloroethane, mg/l	<0.001	<0.001
Trichloroethylene, mg/l	<0.001	<0.001
Trichlorofluoromethane, mg/l	<0.001	<0.001
Vinyl Chloride, mg/l	<0.001	<0.001
Water Level, feet	36.7	35.3

Methods: EPA SW-846

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION . GROUND WATER SAMPLES	SAMPLED BY
1733-11	Well 11	Savannah Laboratories
1733-12	Weil 13	

PARAMETER	1733-11	1733-12
Manganese, mg/l	0.10	0.09
enolics,Total Recoverable, mg/l	<0.01	<0.01
ium, mg/l	27	32
..fate, mg/l	15	52
Total Organic Carbon, mg/l	7.2	9.4
Total Organic Halogen, mg/l	0.03	0.03
pH, units	7.1	6.7
Specific Conductance, umhos/cm	300	250
Copper, mg/l	<0.05	<0.05
Nickel, mg/l	<0.01	0.01
Total Cyanide, mg/l	<0.02	<0.02
Amenable Cyanide, mg/l	<0.02	<0.02
Water Level, feet	35.3	35.3

Methods: EPA SW-846

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LOG NO: 86-1733

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
1733-11	Well 11	Savannah Laboratories
1733-12	Well 13	

PARAMETER	1733-11	1733-12
Arsenic, mg/l	<0.01	<0.01
arium, mg/l	0.06	<0.05
dmium, mg/l	<0.001	0.001
Chromium, mg/l	<0.05	<0.05
Lead, mg/l	0.01	<0.01
Mercury, mg/l	<0.0002	<0.0002
Selenium, mg/l	<0.005	<0.005
Silver, mg/l	<0.001	<0.001
Fluoride, mg/l	0.25	<0.2
Nitrate-N, mg/l	0.6	2.5
Pesticides (SDWA)		
Endrin, ug/l	<0.02	<0.02
Gamma-BHC, ug/l	<0.004	<0.004
Methoxychlor, ug/l	<0.1	<0.1
Toxaphene, ug/l	<1	<1
Herbicides (SDWA)		
2,4-D, mg/l	<0.0001	<0.0001
2,4,5-TP Silvex, mg/l	<0.00003	<0.00003
Turbidity, NTU	>1000	>1000
Total Coliform MF, col/100ml	0	0
Chloride, mg/l	5.1	8.8
Iron, mg/l	0.56	0.08

November 6, 1986

DATA:

ω - 10
ω - 11
ω - 12
ω - 13

James W. Andrews, Ph.D.
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SAVANNAH LABORATORIES
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P. O. Box 13548 • Savannah, GA 31416-0548
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LOG NO: 86-2844

Received: 06 NOV 86

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO SAMPLE DESCRIPTION . GROUND WATER SAMPLES — SAMPLED BY: Savannah Laboratories

2844-10 Well 10

ARAMETER	2844-6	2844-7	2844-8	2844-9	2844-10
Arsenic, mg/l					<0.01
Barium, mg/l					<0.05
Cadmium, mg/l					<0.002
Chromium, mg/l					<0.05
Lead, mg/l					<0.01
Mercury, mg/l					<0.0002
Selenium, mg/l					<0.003
Silver, mg/l					<0.005
Fluoride, mg/l					0.42
Nitrate-N, mg/l					2.8
Pesticides (SDWA)					
Endrin, ug/l					<0.02
Gamma-BHC, ug/l					<0.004
Methoxychlor, ug/l					<0.1
Toxaphene, ug/l					<1.0
Herbicides (SDWA)					
2,4-D, ug/l					<0.1
2,4,5-TP Silvex, ug/l					<0.03
Turbidity, NTU					30

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
		Savannah Laboratories

2844-10 Well 10

ARAMETER	2844-6	2844-7	2844-8	2844-9	2844-10
Total Coliform MF, col/100ml					0
Chloride, mg/l					5.7
Iron, mg/l					0.09
Manganese, mg/l					<0.05
Phenolics,Total Recoverable, mg/l					<0.01
Sodium, mg/l					4.4
Sulfate, mg/l					<1.0
Total Organic Carbon, mg/l					1.5
Total Organic Halogen, mg/l					0.02
pH, units					5.6
Specific Conductance, umhos/cm					60
Nickel, mg/l					<0.05
Copper, mg/l					<0.05
Total Cyanide, mg/l					<0.02
Amenable Cyanide, mg/l					<0.02

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LOG NO	SAMPLE DESCRIPTION . GROUND WATER SAMPLES	SAMPLED BY
2844-6	Well 5	Savannah Laboratories
2844-7	Well 7	
2844-8	Well 8	
2844-9	Well 9	
2844-10	Well 10	

ARAMETER	2844-6	2844-7	2844-8	2844-9	2844-10
Volatile Organic Compounds					
Acrolein, ug/l	<25	<25	<25	<25	<25
Acrylonitrile, ug/l	<25	<25	<25	<25	<25
Benzene, ug/l	<1	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1	<1	<1	<1
Bromoform, ug/l	<1	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1	<1
Chloroform, ug/l	<1	<1	<1	<1	<1
Dichlorobromomethane, ug/l	<1	<1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	33	<1	<1	<1	<1
1,2-Dichloroethane, ug/l	<1	<1	<1	19	<1
1,1-Dichloroethylene, ug/l	13	<1	<1	32	23
1,2-Dichloropropane, ug/l	<1	<1	<1	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1	<1	<1	<1

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LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
2844-6	Well 5	Savannah Laboratories
2844-7	Well 7	
2844-8	Well 8	
2844-9	Well 9	
2844-10	Well 10	

ARAMETER	2844-6	2844-7	2844-8	2844-9	2844-10
Ethylbenzene, ug/l	<1	<1	<1	<1	<1
Methyl Bromide, ug/l	<1	<1	<1	<1	<1
Methyl Chloride, ug/l	<1	<1	<1	<1	<1
Methylene Chloride, ug/l	150	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1	<1	<1
Toluene, ug/l	1.6	<1	<1	<1	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1	<1	<1	<1
1,1,1-Trichloroethane, ug/l	190	<1	<1	1.1	1.8
1,1,2-Trichloroethane, ug/l	<1	<1	<1	<1	<1
Trichloroethylene, ug/l	<1	<1	<1	<1	<1
Trichlorofluoromethane, ug/l	<1	<1	<1	<1	<1
Vinyl Chloride, ug/l	<1	<1	<1	<1	<1
Water Level, feet	7.2	35.2	32.1	32.5	37.3

Methods: EPA SW-846

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
2844-11	Well 11	Savannah Laboratories
2844-12	Well 12	
2844-13	Well 13	

PARAMETER	2844-11	2844-12	2844-13
Arsenic, mg/l	<0.01	<0.01	<0.01
Barium, mg/l	0.15	<0.05	0.05
Cadmium, mg/l	<0.002	<0.002	<0.002
Chromium, mg/l	<0.05	<0.05	<0.05
Lead, mg/l	<0.01	<0.01	<0.01
Mercury, mg/l	<0.0002	<0.0002	<0.0002
Selenium, mg/l	<0.003	<0.003	<0.003
Silver, mg/l	<0.005	<0.005	<0.005
Fluoride, mg/l	0.31	0.35	0.41
Nitrate-N, mg/l	1.8	1.4	1.3
Pesticides (SDWA)			
Endrin, ug/l	<0.02	<0.02	<0.02
Gamma-BHC, ug/l	<0.004	<0.004	<0.004
Methoxychlor, ug/l	<0.1	<0.1	<0.1
Toxaphene, ug/l	<1.0	<1.0	<1.0
Herbicides (SDWA)			
2,4-D, ug/l	<0.1	<0.1	<0.1
2,4,5-TP Silvex, ug/l	<0.03	<0.03	<0.03
Turbidity, NTU	220	80	290
Total Coliform MF, col/100ml	0	0	0
Chloride, mg/l	5.2	3.7	4.5

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LOG NO: 86-2844

Received: 06 NOV 86

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION . GROUND WATER SAMPLES	SAMPLED BY
2844-11	Well 11	Savannah Laboratories
2844-12	Well 12	
2844-13	Well 13	

PARAMETER	2844-11	2844-12	2844-13
Iron, mg/l	1.9	0.59	1.3
Manganese, mg/l	0.08	<0.05	0.07
Phenolics,Total Recoverable, mg/l	<0.01	<0.01	<0.01
Sodium, mg/l	16	11	9.7
Sulfate, mg/l	2.0	2.3	8.4
Total Organic Carbon, mg/l	5.8	4.9	4.8
Total Organic Halogen, mg/l	<0.02	<0.02	<0.02
pH, units	6.8	6.4	6.3
Specific Conductance, umhos/cm	120	90	75
Nickel, mg/l	<0.05	<0.05	<0.05
Copper, mg/l	<0.05	<0.05	<0.05
Total Cyanide, mg/l	<0.02	<0.02	<0.02
Amenable Cyanide, mg/l	<0.02	<0.02	<0.02

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LOG NO	SAMPLE DESCRIPTION . GROUND WATER SAMPLES	SAMPLED BY
2844-11	Well 11	Savannah Laboratories
2844-12	Well 12	
2844-13	Well 13	

PARAMETER	2844-11	2844-12	2844-13
Volatile Organic Compounds			
Acrolein, ug/l	<25	<25	<25
Acrylonitrile, ug/l	<25	<25	<25
Benzene, ug/l	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1	<1
Bromoform, ug/l	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1
Chloroform, ug/l	<1	<1	<1
Dichlorobromomethane, ug/l	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1
1,1-Dichloroethane, ug/l	<1	<1	<1
1,2-Dichloroethane, ug/l	<1	<1	<1
1,1-Dichloroethylene, ug/l	<1	<1	2.3
1,2-Dichloropropane, ug/l	<1	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1	<1
Ethylbenzene, ug/l	<1	<1	<1
Methyl Bromide, ug/l	<1	<1	<1

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LOG NO: 86-2844

Received: 06 NOV 86

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Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , GROUND WATER SAMPLES	SAMPLED BY
2844-11	Well 11	Savannah Laboratories
2844-12	Well 12	
2844-13	Well 13	

PARAMETER	2844-11	2844-12	2844-13
Methyl Chloride, ug/l	<1	<1	<1
Methylene Chloride, ug/l	<1	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1
Toluene, ug/l	<1	<1	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1	<1
1,1,1-Trichloroethane, ug/l	<1	<1	<1
1,1,2-Trichloroethane, ug/l	<1	<1	<1
Trichloroethylene, ug/l	<1	<1	<1
Trichlorofluoromethane, ug/l	<1	<1	<1
Vinyl Chloride, ug/l	<1	<1	<1
Water Level, feet	35.9	35.8	36.0

Methods: EPA SW-846

Janette M. Davis

Janette M. Davis

February 5, 1987

DATA

W-10
W-11
W-12
W-13

SP-1
SP-2
SP-3

 white out

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
		Savannah Laboratories
0335-10	MW #7	
0335-11	MW #8	
0335-12	MW #9	
0335-13	MW #10	
0335-14	MW #11	

PARAMETER	0335-10	0335-11	0335-12	0335-13	0335-14
Arsenic, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Barium, mg/l	0.13	0.25	0.19	0.43	0.19
Cadmium, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium, mg/l	<0.05	0.05	<0.05	0.07	<0.05
Lead, mg/l	0.01	0.02	0.01	0.02	<0.01
Mercury, mg/l	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Silver, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoride, mg/l	<0.2	<0.2	<0.2	<0.2	<0.2
Nitrate-N, mg/l	4.1	3.8	2.7	6.7	3.7
Pesticides (SDWA)					
Endrin, ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Gamma-BHC, ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxychlor, ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
Toxaphene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Herbicides (SDWA)					
2,4-D, ug/l	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5-TP Silvex, ug/l	<0.03	<0.03	<0.03	<0.03	<0.03
Turbidity, NTU	120	250	150	40	250

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
0335-10	MW #7	Savannah Laboratories
0335-11	MW #8	
0335-12	MW #9	
0335-13	MW #10	
0335-14	MW #11	

PARAMETER	0335-10	0335-11	0335-12	0335-13	0335-14
Total Coliform MF, col/100ml	0	0	0	0	0
Chloride, mg/l	5.0	4.5	5.1	6.0	6.2
Iron, mg/l	10	18	12	15	6.5
Manganese, mg/l	0.06	0.06	<0.05	0.14	<0.05
Phenolics,Total Recoverable, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium, mg/l	7.0	4.7	3.8	5.2	29
Sulfate, mg/l	5.0	8.0	5.0	6.5	6.0
Total Organic Carbon, mg/l	1.0	3.4	2.2	1.0	1.4
Total Organic Halogen, mg/l	<0.02	<0.02	0.03	<0.02	<0.02
pH, units	6.0	5.4	5.6	5.5	7.2
Specific Conductance, umhos/cm	40	35	35	60	200
Copper, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Total Cyanide, mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02	<0.02	<0.02	<0.02

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
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Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
		Savannah Laboratories
0335-10	MW #7	
0335-11	MW #8	
0335-12	MW #9	
0335-13	MW #10	
0335-14	MW #11	

PARAMETER	0335-10	0335-11	0335-12	0335-13	0335-14
Volatile Organic Compounds					
Acrolein, ug/l	<25	<25	<25	<25	<25
Acrylonitrile, ug/l	<25	<25	<25	<25	<25
Benzene, ug/l	<1	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1	<1	<1	<1
Bromoform, ug/l	<1	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1	<1
Chloroform, ug/l	<1	<1	<1	<1	<1
Dichlorobromomethane, ug/l	<1	<1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	<1	<1	68	1.7	<1
1,2-Dichloroethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethylene, ug/l	<1	<1	34	29	<1
1,2-Dichloropropane, ug/l	<1	<1	<1	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1	<1	<1	<1

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
		Savannah Laboratories
0335-10	MW #7	
0335-11	MW #8	
0335-12	MW #9	
0335-13	MW #10	
0335-14	MW #11	

PARAMETER	0335-10	0335-11	0335-12	0335-13	0335-14
Ethylbenzene, ug/l	<1	<1	<1	<1	<1
Methyl Bromide, ug/l	<1	<1	<1	<1	<1
Methyl Chloride, ug/l	<1	<1	<1	<1	<1
Methylene Chloride, ug/l	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1	<1	<1
Toluene, ug/l	<1	<1	<1	2.6	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1	<1	<1	<1
1,1,1-Trichloroethane, ug/l	<1	<1	<1	<1	<1
1,1,2-Trichloroethane, ug/l	<1	<1	<1	<1	<1
Trichloroethylene, ug/l	<1	<1	<1	<1	<1
Trichlorofluoromethane, ug/l	<1	<1	<1	<1	<1
Vinyl Chloride, ug/l	<1	<1	<1	<1	<1
Water Level (to top of casing), feet	31.5	30.0	30.5	35.0	34.0

Methods: EPA SW-846

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
0335-15	MW #12	Savannah Laboratories
0335-16	MW #13	

PARAMETER	0335-15	0335-16
Arsenic, mg/l	<0.01	0.02
Barium, mg/l	0.47	1.3
Cadmium, mg/l	<0.01	<0.01
Chromium, mg/l	0.06	0.17
Lead, mg/l	0.02	0.05
Mercury, mg/l	<0.0002	<0.0002
Selenium, mg/l	<0.01	<0.01
Silver, mg/l	<0.05	<0.05
Fluoride, mg/l	<0.2	<0.2
Nitrate-N, mg/l	3.2	2.9
Pesticides (SDWA)		
Endrin, ug/l	<0.02	<0.02
Gamma-BHC, ug/l	<0.01	<0.01
Methoxychlor, ug/l	<0.5	<0.5
Toxaphene, ug/l	<1.0	<1.0
Herbicides (SDWA)		
2,4-D, ug/l	<0.1	<0.1
2,4,5-TP Silvex, ug/l	<0.03	<0.03
Turbidity, NTU	400	250
Total Coliform MF, col/100ml	0	0
Chloride, mg/l	4.9	5.1
Iron, mg/l	18	44

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
0335-15	MW #12	Savannah Laboratories
0335-16	MW #13	

PARAMETER	0335-15	0335-16
Manganese, mg/l	0.10	0.71
Phenolics,Total Recoverable, mg/l	<0.01	<0.01
Sodium, mg/l	8.6	9.2
Sulfate, mg/l	6.0	7.0
Total Organic Carbon, mg/l	1.6	1.0
Total Organic Halogen, mg/l	<0.02	<0.02
pH, units	7.1	7.1
Specific Conductance, umhos/cm	110	55
Copper, mg/l	<0.05	0.09
Hexavalent Chromium, mg/l	<0.05	<0.05
Nickel, mg/l	<0.05	<0.05
Total Cyanide, mg/l	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
0335-15	MW #12	Savannah Laboratories
0335-16	MW #13	

PARAMETER	0335-15	0335-16
Volatile Organic Compounds		
Acrolein, ug/l	<25	<25
Acrylonitrile, ug/l	<25	<25
Benzene, ug/l	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1
Bromoform, ug/l	<1	<1
Carbon Tetrachloride, ug/l	<1	<1
Chlorobenzene, ug/l	<1	<1
Chlorodibromomethane, ug/l	<1	<1
Chloroethane, ug/l	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1
Chloroform, ug/l	<1	<1
Dichlorobromomethane, ug/l	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1
1,1-Dichloroethane, ug/l	<1	<1
1,2-Dichloroethane, ug/l	<1	1.3
1,1-Dichloroethylene, ug/l	<1	<1
1,2-Dichloropropane, ug/l	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1
Ethylbenzene, ug/l	<1	<1
Methyl Bromide, ug/l	<1	<1
Methyl Chloride, ug/l		

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
0335-15	MW #12	Savannah Laboratories
0335-16	MW #13	

PARAMETER	0335-15	0335-16
Methylene Chloride, ug/l	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1
Tetrachloroethylene, ug/l	<1	<1
Toluene, ug/l	<1	2.9
1,2-Trans-Dichloroethylene, ug/l	<1	<1
1,1,1-Trichloroethane, ug/l	<1	<1
1,1,2-Trichloroethane, ug/l	<1	<1
Trichloroethylene, ug/l	<1	<1
Trichlorofluoromethane, ug/l	<1	<1
Vinyl Chloride, ug/l	<1	<1
Water Level (to top of casing), feet	32.6	34.3

Methods: EPA SW-846

Janette M. Davis

Janette M. Davis

SLES inc.

CHAIN OF CUSTODY RECORD

COMPANY NAME/LOCATION: Torrington / Sylvania

SAMPLERS (Signature): Virginia Baisden / Denny Torres

COLOR CODE: B — WATER/WASTEWATER — SOIL/SLUDGE

SL&ES LOG NO.	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	NO. OF CONTAINERS	1 liter plastic jug (T)	40ml vial w/ins. (G)	pH	Sp. Cond	ADDITIONAL SAMPLE INFORMATION
D335	2/5/87	0950		✓	SP-1	4	1	3	3.7	2200	Adjust pH 5-9.
	2/5/87	1000		✓	SP-2	4	1	3	4.1	540	Adjust pH 5-9.
	2/5/87	1015		✓	SP-3	4	1	3	3.0	380	Adjust [illegible] 5-9
	2/3/87	1010		✓	L-1	4	1	3	5.3	80	

Container columns printed on form: 1 liter plastic jug (T), 1 liter glass w/TFE (J), 500 ml plastic-ken(A), 500 ml plastic-met(W), 250 ml plastic (D), 250 ml oval glass (C), 130 ml amber glass (E), 100 ml plastic (F), 40ml vial w/ins. (G), 20 ml plastic vial (I), 1 liter wm glass (L), 1 liter wm plastic (U), 500 ml wm glass (N), 500 ml wm plastic (P), 40ml vial w/ins. (G), *Container sealed

Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Virginia Baisden	2/5/87	Elena Dams	2/5/87 1:35 pm		
Relinquished by: Brian [illegible]	2/5/87	Received by:		Relinquished by:	

Color Code/Preservative
- Green - sulfuric acid
- Purple - no preservative
- Red - nitric acid
- Tan - zinc acetate
- Yellow - sodium thiosulfate
- Blue - sodium hydroxide

Container seal intact
Field ______
Lab ______

SLES inc.

CHAIN OF CUSTODY RECORD

COMPANY NAME/LOCATION: Torrington / Sylvania

SAMPLERS (signature): Virginia Baender / Denny Jones

SLES LOG NO.	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	NO OF CONTAINERS	Liter plastic jug (T)	Liter glass w/TFE (J)	500 ml plastic-ker (A)	500 ml plastic-met (W)	250 ml plastic (D)	250 ml oval glass (C)	130 ml amber glass (E)	100 ml plastic (F)	40ml vial w/ins. (G)	20 ml plastic vial (I)	Liter wm glass (L)	Liter wm plastic (U)	300 ml wm glass (N)	500 ml wm plastic (P)	40ml vial w/ins. (G)	*Container sealed	pH	Sp. cond.
0335	2/4/87	[illegible]		✓	MW #[illegible]	7	1		1		1		1		3								[illegible]	
	2/4/87	1555		✓	MW # 1	7	1		1		1		1		3								6.8	80
	2/4/87	1705		✓	MW # 3	7	1		1		1		1		3								6.0	560
	2/4/87	1745		✓	MW # 5	7	1		1		1		1		3								5.8	71
	2/4/87	1800		✓	MW # 2	7	1		1		1		1		3								6.4	100

COLOR CODE — WATER/WASTEWATER — SOIL/SLUDGE

Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Virginia Baender	2/5/87	Glenn Jones	2/5/87 1:35 pm		
Relinquished by:	**Date/Time**	**Received by:**	**Date/Time**	**Relinquished by:**	**Date/Time**
Dana Pech	[illegible]				

Color Code/Preservative
- Green - sulfuric acid
- Purple - no preservative
- Red - nitric acid
- Tan - zinc acetate
- Yellow - sodium thiosulfate
- Blue - sodium hydroxide

Container Seal Intact
Field ______
Lab ______

CHAIN OF CUSTODY RECORD

SLES inc.

COLOR CODE: WATER/WASTEWATER — B P K Y W G P; SOIL/SLUDGE

COMPANY NAME/LOCATION: TOFFINGTON / Sylvania

SAMPLERS (Signature): Virginia Baeder / Danny Jones

SL&ES LOG NO.	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	NO OF CONTAINERS	1 liter plastic jug (T)	1 liter glass w/TFE (J)	500 ml plastic-ker(A)	500 ml plastic-met(B)	250 ml plastic (D)	250 ml oval glass(C)	130 ml amber glass(E)	100 ml plastic (F)	40ml vial w/ins. (G)	20 ml plastic vial(H)	1 liter glass	1 liter plastic wm	1 liter glass (L)	1 liter wm plastic (U)	500 ml wm glass (N)	500 ml wm plastic(P)	40ml vial w/ins. (G)	*Container sealed	ADDITIONAL SAMPLE INFORMATION: pH	Sp. Cond.
0535	2/4/87	1255		✓	Well #11	10	1	2		1		1		3		1	1								7.5	450
	2/4/87	1315		✓	well #12	10	1	2		1		1		3		1	1								7.1	140
	2/4/87	1340		✓	Well # 10	10	1	2		1		1		3		1	1								6.4	63
	2/4/87			✓	Well # 7	10	1	2		1		1		3		1	1								6.9	43
	2/4/87	1430		✓	Well # 8	10	1	2		1		1		3		1	1								6.5	44
	2/4/87	1730		✓	Well # 9	10	1	2		1		1		3		1	1								6.3	33
	2/5/87	0940		✓	Well # 13	10	1	2				1		3		1	2								4.6	100
					Note: on Well #13																					
					2 1l plastic jugs not filled																					
					1 has ≈ 300 ml																					
					1 has ≈ 500 ml																					

NOTE: pH of sample needs to be adjusted to be between 5-9 - See Steve White. Also - plastic jug w/500 ml - needs to be placed into red plastic 500 ml.

Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Virginia Baeder	2/4/87	Yolena James	2/5/87 1:35 pm		
Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Bruce Clarke	2-5-87				

Color Code/Preservative
- Green - sulfuric acid
- Purple - no preservative
- Red - nitric acid
- Tan - zinc acetate
- Yellow - sodium thiosulfate
- Blue - sodium hydroxide

Container seal intact
Field _____
Lab _____

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
0335-1	SP-1	Savannah Laboratories
0335-2	SP-2	
0335-3	SP-3	
0335-4	L-1	

PARAMETER	0335-1	0335-2	0335-3	0335-4
otal Cyanide, mg/l	67	<0.02	<0.02	<0.02
yanide(Amenable), mg/l	64	<0.02	<0.02	<0.02

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
0335-1	SP-1	Savannah Laboratories
0335-2	SP-2	
0335-3	SP-3	
0335-4	L-1	

PARAMETER	0335-1	0335-2	0335-3	0335-4
Volatile Organic Compounds				
Acrolein, ug/l	<25	<25	<25	<25
Acrylonitrile, ug/l	<25	<25	<25	<25
Benzene, ug/l	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1	<1	<1
Bromoform, ug/l	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1
Chloroform, ug/l	140	2.2	3.1	<1
Dichlorobromomethane, ug/l	2.1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	5.6	1.3	1.3	41
1,2-Dichloroethane, ug/l	<1	<1	<1	<1
1,1-Dichloroethylene, ug/l	3.7	<1	<1	<1
1,2-Dichloropropane, ug/l	<1	<1	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1	<1	<1
Ethylbenzene, ug/l	<1	<1	<1	<1

LOG NO: 87-0335

Received: 05 FEB 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
		Savannah Laboratories
0335-1	SP-1	
0335-2	SP-2	
0335-3	SP-3	
0335-4	L-1	

PARAMETER	0335-1	0335-2	0335-3	0335-4
Methyl Bromide, ug/l	<1	<1	<1	<1
Methyl Chloride, ug/l	<1	<1	<1	<1
Methylene Chloride, ug/l	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1	<1
Toluene, ug/l	<1	<1	<1	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1	<1	2.9
1,1,1-Trichloroethane, ug/l	<1	<1	<1	<1
1,1,2-Trichloroethane, ug/l	<1	<1	<1	1.5
Trichloroethylene, ug/l	<1	<1	<1	<1
Trichlorofluoromethane, ug/l	<1	<1	<1	<1
Vinyl Chloride, ug/l	<1	<1	<1	<1
Water Level (to top of casing), feet	7.3	6.9	5.8	2.7

Methods: EPA SW-846

April 28, 1987

DATA:

W - 10
W - 11
W - 12
W - 13

SP - 1
SP - 2
SP - 3
SP - 4
SP - 5
~~SP - 6~~
SP - 7

James W. Andrews, Ph.D.
President

Janette M. Davis
Vice-President

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P. O. Box 13548 • Savannah, GA 31416-0548
Whitfield Avenue at Shipyard Road (31406)
(912) 354-7858

LOG NO: 87-1267

Received: 28 APR 87

Mr Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

CC: Mark Potts-Versar

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION . WATER SAMPLES	SAMPLED BY
1267-6	W-7	Client
1267-7	W-8	
1267-8	W-9	
1267-9	W-10	
1267-10	W-11	

RAMETER	1267-6	1267-7	1267-8	1267-9	1267-10
Arsenic, mg/l	0.06	<0.01	<0.01	0.04	<0.01
Barium, mg/l	0.14	<0.05	<0.05	<0.05	0.11
Cadmium, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Lead, mg/l	0.07	0.04	<0.01	0.02	<0.01
Mercury, mg/l	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Silver, mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoride, mg/l	<0.2	<0.2	<0.2	<0.2	<0.2
Nitrate-N, mg/l	3.3	2.5	1.7	3.4	3.2
Pesticides (SDWA)					
Endrin, ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Gamma-BHC, ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Methoxychlor, ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
Toxaphene, ug/l	<1	<1	<1	<1	<1
Herbicides (SDWA)					
2,4-D, ug/l	<0.2	<0.2	<0.2	<0.2	<0.2
2,4,5-TP Silvex, ug/l	<0.04	<0.04	<0.04	<0.04	<0.04
Turbidity, NTU	80	80	60	210	170

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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P. O. Box 13548 • Savannah, GA 31416-0548
Whitfield Avenue at Shipyard Road (31406)
(912) 354-7858

LOG NO: 87-1267

Received: 28 APR 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

CC: Mark Potts-Versar

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
1267-6	W-7	Client
1267-7	W-8	
1267-8	W-9	
1267-9	W-10	
1267-10	W-11	

ARAMETER	1267-6	1267-7	1267-8	1267-9	1267-10
Total Coliform MF, col/100ml	0	0	0	0	0
Chloride, mg/l	6	4	5	7	6
Iron, mg/l	0.10	0.05	0.12	0.08	0.07
Manganese, mg/l	0.12	<0.05	<0.05	<0.05	<0.05
Phenolics,Total Recoverable, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium, mg/l	7.5	4.1	3.4	4.7	13
Sulfate, mg/l	<1.0	<1.0	<1.0	<1.0	2.1
Total Organic Carbon, mg/l	3.2	1.0	1.4	1.0	1.0
Total Organic Halogen, mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
pH, units	5.3	5.1	6.3	5.3	7.1
Specific Conductance, umhos/cm	45	35	75	55	250
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Copper, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Cyanide, mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02	<0.02	<0.02	<0.02

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
1267-6	W-7	Client
1267-7	W-8	
1267-8	W-9	
1267-9	W-10	
1267-10	W-11	

PARAMETER	1267-6	1267-7	1267-8	1267-9	1267-10
Volatile Organic Compounds					
Acrolein, ug/l	<50	<50	<50	<50	<50
Acrylonitrile, ug/l	<50	<50	<50	<50	<50
Benzene, ug/l	<1	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1	<1	<1	<1
Bromoform, ug/l	<1	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1	<1
Chloroform, ug/l	<1	<1	<1	<1	<1
Dichlorobromomethane, ug/l	<1	<1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	<1	<1	100	<1	24
1,2-Dichloroethane, ug/l	<1	<1	<1	5.1	<1
1,1-Dichloroethylene, ug/l	23	<1	34	17	<1
1,2-Dichloropropane, ug/l	<1	<1	<1	<1	<1
1,3 Dichloropropylene, ug/l	<1	<1	<1	<1	<1

ws, Ph.D.

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Received: 28 APR 87

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CC: Mark Potts-Versar

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
W-7	Client
W-8	
W-9	
W-10	
W-11	

	1267-6	1267-7	1267-8	1267-9	1267-10
ene, ug/l	<1	<1	<1	<1	<1
mide, ug/l	<1	<1	<1	<1	<1
loride, ug/l	<1	<1	<1	<1	<1
Chloride, ug/l	<1	<1	<1	<1	<1
etrachloroethane, ug/l	<1	<1	<1	<1	<1
roethylene, ug/l	<1	<1	<1	<1	<1
ug/l	<1	<1	<1	<1	<1
-Dichloroethylene, ug/l	<1	<1	<1	<1	<1
chloroethane, ug/l	29	<1	2.4	1.7	<1
chloroethane, ug/l	<1	<1	<1	<1	<1
ethylene, ug/l	<1	<1	<1	<1	<1
fluoromethane, ug/l	<1	<1	<1	<1	<1
oride, ug/l	<1	<1	<1	<1	<1
l (to top of feet	31.1	22.9	23.7	28.2	27.5
in Field), units	5.6	4.8	5.2	5.0	6.9
nductance (Taken), umhos/cm	45	36	37	56	170

is: EPA SW-846 and 40 CFR Part 136

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Sylvania, GA 30467

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION . WATER SAMPLES	SAMPLED BY
1267-11	W-12	Client
1267-12	W-13	

PARAMETER	1267-11	1267-12
Volatile Organic Compounds		
Acrolein, ug/l	<50	<50
Acrylonitrile, ug/l	<50	<50
Benzene, ug/l	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1
Bromoform, ug/l	<1	<1
Carbon Tetrachloride, ug/l	<1	<1
Chlorobenzene, ug/l	<1	<1
Chlorodibromomethane, ug/l	<1	<1
Chloroethane, ug/l	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1
Chloroform, ug/l	<1	<1
Dichlorobromomethane, ug/l	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1
1,1-Dichloroethane, ug/l	13	2.0
1,2-Dichloroethane, ug/l	<1	<1
1,1-Dichloroethylene, ug/l	<1	<1
1,2-Dichloropropane, ug/l	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1
Ethylbenzene, ug/l	<1	<1
Methyl Bromide, ug/l	<1	<1
Methyl Chloride, ug/l	<1	<1

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
1267-11	W-12	Client
1267-12	W-13	

PARAMETER	1267-11	1267-12
Methylene Chloride, ug/l	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1
Tetrachloroethylene, ug/l	<1	<1
Toluene, ug/l	<1	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1
1,1,1-Trichloroethane, ug/l	<1	<1
1,1,2-Trichloroethane, ug/l	<1	<1
Trichloroethylene, ug/l	<1	<1
Trichlorofluoromethane, ug/l	<1	<1
Vinyl Chloride, ug/l	<1	<1
Water Level (to top of casing), feet	26.8	27.1
pH (Taken in Field), units	6.8	6.3
Specific Conductance (Taken in Field), umhos/cm	170	57

Methods: EPA SW-846 and 40 CFR Part 136

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION . WATER SAMPLES	SAMPLED BY
1267-13	SP-1	Client
1267-14	SP-2	
1267-15	SP-3	
1267-16	SP-4	
1267-17	SP-5	

RAMETER	1267-13	1267-14	1267-15	1267-16	1267-17
Volatile Organic Compounds					
Acrolein, ug/l	<50	<50	<50	<50	<50
Acrylonitrile, ug/l	<50	<50	<50	<50	<50
Benzene, ug/l	<1	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<1	<1	<1	<1	<1
Bromoform, ug/l	<1	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1	<1
Chloroform, ug/l	<1	14	19	43	2.1
Dichlorobromomethane, ug/l	<1	<1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	12	4.8	4.5	3.7	<1
1,2-Dichloroethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethylene, ug/l	5.4	1.4	1.8	12	5.7
1,2-Dichloropropane, ug/l	<1	<1	<1	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1	<1	<1	<1

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LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
1267-13	SP-1	Client
1267-14	SP-2	
1267-15	SP-3	
1267-16	SP-4	
1267-17	SP-5	

:AMETER	1267-13	1267-14	1267-15	1267-16	1267-17
Ethylbenzene, ug/l	<1	<1	<1	<1	<1
Methyl Bromide, ug/l	<1	<1	<1	<1	<1
Methyl Chloride, ug/l	<1	<1	<1	<1	<1
Methylene Chloride, ug/l	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1	<1	<1
Toluene, ug/l	<1	<1	<1	<1	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1	<1	<1	<1
1,1,1-Trichloroethane, ug/l	<1	3.4	19	110	1.3
1,1,2-Trichloroethane, ug/l	<1	<1	<1	<1	<1
Trichloroethylene, ug/l	<1	<1	<1	<1	<1
Trichlorofluoromethane, ug/l	<1	<1	<1	<1	<1
Vinyl Chloride, ug/l	<1	<1	<1	<1	<1
Cadmium, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	0.14	<0.05	<0.05	<0.05	<0.05
Copper, mg/l	31	22	8.1	2.0	<0.05
Cyanide, mg/l	50	18	3.0	<0.02	<0.02
	Total VOC PPB	17	24	45	169	9

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
1267-13	SP-1	Client
1267-14	SP-2	
1267-15	SP-3	
1267-16	SP-4	
1267-17	SP-5	

ARAMETER	1267-13	1267-14	1267-15	1267-16	1267-17
Cyanide(Amenable), mg/l	46	17	2.0	<0.02	<0.02
Total Organic Carbon, mg/l	89	29	21	8.1	2.2
Water Level (to top of casing), feet	9.7	8.2	7.4	8.6	8.1
pH (Taken in Field), units	5.1	5.3	5.3	4.8	4.7
Specific Conductance (Taken in Field), umhos/cm	4280	1050	930	770	120

Methods: EPA SW-846 and 40 CFR Part 136

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Sylvania, GA 30467

CC: Mark Potts-Versar

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , WATER SAMPLES	SAMPLED BY
1267-18	SP-7	Client

PARAMETER	1267-18
Volatile Organic Compounds	
Acrolein, ug/l	<250
Acrylonitrile, ug/l	<250
Benzene, ug/l	<5
Bis(chloromethyl)Ether, ug/l	<5
Bromoform, ug/l	<5
Carbon Tetrachloride, ug/l	<5
Chlorobenzene, ug/l	<5
Chlorodibromomethane, ug/l	<5
Chloroethane, ug/l	<5
2-Chloroethylvinyl Ether, ug/l	<5
Chloroform, ug/l	<5
Dichlorobromomethane, ug/l	<5
Dichlorodifluoromethane, ug/l	<5
1,1-Dichloroethane, ug/l	<5
1,2-Dichloroethane, ug/l	<5
1,1-Dichloroethylene, ug/l	<5
1,2-Dichloropropane, ug/l	<5
1,3-Dichloropropylene, ug/l	<5
Ethylbenzene, ug/l	<5
Methyl Bromide, ug/l	<5
Methyl Chloride, ug/l	<5
Methylene Chloride, ug/l	<5

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION . WATER SAMPLES	SAMPLED BY
1267-18	SP-7	Client

PARAMETER	1267-18
1,1,2,2-Tetrachloroethane, ug/l	<5
Tetrachloroethylene, ug/l	<5
Toluene, ug/l	<5
1,2-Trans-Dichloroethylene, ug/l	<5
1,1,1-Trichloroethane, ug/l	<5
1,1,2-Trichloroethane, ug/l	<5
Trichloroethylene, ug/l	<5
Trichlorofluoromethane, ug/l	<5
Vinyl Chloride, ug/l	<5
Cadmium, mg/l	<0.01
Chromium, mg/l	<0.05
Hexavalent Chromium, mg/l	<0.05
Nickel, mg/l	0.12
Copper, mg/l	3600
Cyanide, mg/l	90
Cyanide(Amenable), mg/l	45
Total Organic Carbon, mg/l	120
Water Level (to top of casing), feet	4.7
pH (Taken in Field), units	9.7
Specific Conductance (Taken in Field), umhos/cm	44300

Methods: EPA SW-846 and 40 CFR Part 136

August 11, 1987

DATA:

W-10
W-11
W-12
W-13

SP-1
SP-2
SP-3
SP-4
SP-5
SP-7

SP-6 Typically Dry

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LOG NO: 87-2558

Received: 11 AUG 87

Mr. Bruce Peake
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P. O. Box 1667, Friendship Road
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CC: Mark Potts, Versar

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-10	W-10	Savannah Laboratories
2558-11	W-11	
2558-12	W-12	
2558-13	W-13	

PARAMETER	2558-10	2558-11	2558-12	2558-13
Total Organic Carbon, mg/l	2.0	1.1	1.0	1.0
Total Organic Halogen, mg/l	<0.02	<0.02	<0.02	<0.02
units	5.3	7.0	6.6	6.0
.fic Conductance, umhos/cm	50	190	110	45
Cadmium, mg/l	<0.01	<0.01	<0.01	<0.01
Chromium, mg/l	<0.05	<0.05	<0.05	<0.05
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	<0.05	<0.05	<0.05	<0.05
Cyanide, mg/l	<0.02	<0.02	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02	<0.02	<0.02
Copper, mg/l	<0.05	<0.05	<0.05	<0.05

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LOG NO: 87-2558

Received: 11 AUG 87

Mr. Bruce Peake
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CC: Mark Potts, Versar

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-10	W-10	Savannah Laboratories
2558-11	W-11	
2558-12	W-12	
2558-13	W-13	

PARAMETER	2558-10	2558-11	2558-12	2558-13
Volatile Organic Compounds				
Acrolein, ug/l	<50	<50	<50	<50
Acrylonitrile, ug/l	<50	<50	<50	<50
Benzene, ug/l	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<5	<5	<5	<5
Bromoform, ug/l	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1
Chloroform, ug/l	<1	<1	<1	<1
Dichlorobromomethane, ug/l	<1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	<1	<1	<1	<1
1,2-Dichloroethane, ug/l	<1	<1	<1	<1
1,1-Dichloroethylene, ug/l	34	3.1	<1	2.3
1,2-Dichloropropane, ug/l	<1	<1	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1	<1	<1
Ethylbenzene, ug/l	<1	<1	<1	<1

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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.
P. O. Box 13548 • Savannah, GA 31416-0548
Whitfield Avenue at Shipyard Road (31406)
(912) 354-7858

LOG NO: 87-2558

Received: 11 AUG 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

CC: Mark Potts, Versar

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-10	W-10	Savannah Laboratories
2558-11	W-11	
2558-12	W-12	
2558-13	W-13	

PARAMETER	2558-10	2558-11	2558-12	2558-13
Methyl Bromide, ug/l	<1	<1	<1	<1
Methyl Chloride, ug/l	<1	<1	<1	<1
hylene Chloride, ug/l	<1	<1	<1	<1
,2,2-Tetrachloroethane, ug/l	<1	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1	<1
Toluene, ug/l	<1	<1	<1	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1	<1	<1
1,1,1-Trichloroethane, ug/l	2.8	<1	<1	<1
1,1,2-Trichloroethane, ug/l	<1	<1	<1	<1
Trichloroethylene, ug/l	1.1	<1	<1	<1
Trichlorofluoromethane, ug/l	<1	<1	<1	<1
Vinyl Chloride, ug/l	<1	7.4	<1	2.9
Additional Compounds:				
Xylene, ug/l	<1	<1	<1	<1
pH (Taken in Field), units	5.86	6.69	6.53	5.73
Specific Conductance (Taken in Field), umhos/cm	60	116	80	33

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President

Janette M. Davis
Vice-President

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-10	W-10	Savannah Laboratories
2558-11	W-11	
2558-12	W-12	
2558-13	W-13	

PARAMETER	2558-10	2558-11	2558-12	2558-13
Water Level (to top of casing), feet	31.33	30.39	30.50	30.81
4-Bromofluorobenzene, %	97	120	97	130

Methods: EPA 40 CFR Part 136 and SW-846

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-18	SP-1	Savannah Laboratories
2558-19	SP-2	
2558-20	SP-3	
2558-21	SP-4	
2558-22	SP-5	

PARAMETER	2558-18	2558-19	2558-20	2558-21	2558-22
Cadmium, mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium, mg/l	<0.05	<0.05	<0.05	0.29	<0.05
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	0.06	<0.05	<0.05	0.09	<0.05
Cyanide, mg/l	24	2.6	0.37	0.62	<0.02
Cyanide(Amenable), mg/l	23	2.0	0.03	0.08	<0.02

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-18	SP-1	Savannah Laboratories
2558-19	SP-2	
2558-20	SP-3	
2558-21	SP-4	
2558-22	SP-5	

PARAMETER	2558-18	2558-19	2558-20	2558-21	2558-22
Volatile Organic Compounds					
Acrolein, ug/l	<50	<50	<50	<50	<50
Acrylonitrile, ug/l	<50	<50	<50	<50	<50
Benzene, ug/l	<1	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<5	<5	<5	<5	<5
Bromoform, ug/l	<1	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1	<1
Chlorodibromomethane, ug/l	1.1	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1	<1
Chloroform, ug/l	340	9.6	2.6	19	<1
Dichlorobromomethane, ug/l	15	<1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	5.1	1.6	<1	2.9	<1
1,2-Dichloroethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethylene, ug/l	1.5	<1	1.2	1.9	3.9
1,2-Dichloropropane, ug/l	<1	<1	<1	<1	<1
1,3-Dichloropropylene, ug/l	<1	<1	<1	<1	<1

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-18	SP-1	Savannah Laboratories
2558-19	SP-2	
2558-20	SP-3	
2558-21	SP-4	
2558-22	SP-5	

PARAMETER	2558-18	2558-19	2558-20	2558-21	2558-22
Ethylbenzene, ug/l	<1	<1	<1	<1	<1
thyl Bromide, ug/l	<1	<1	<1	<1	<1
yl Chloride, ug/l	<1	<1	<1	<1	<1
M..ylene Chloride, ug/l	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1	<1	<1
Toluene, ug/l	<1	12	<1	<1	<1
1,2-Trans-Dichloroethylene, ug/l	<1	<1	<1	<1	<1
1,1,1-Trichloroethane, ug/l	<1	<1	<1	<1	<1
1,1,2-Trichloroethane, ug/l	<1	<1	<1	<1	<1
Trichloroethylene, ug/l	1.1	<1	<1	<1	<1
Trichlorofluoromethane, ug/l	<1	<1	<1	<1	<1
Vinyl Chloride, ug/l	<1	<1	<1	<1	<1
Additional Compounds:					
Xylene, ug/l	<1	<1	<1	<1	<1

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-18	SP-1	Savannah Laboratories
2558-19	SP-2	
2558-20	SP-3	
2558-21	SP-4	
2558-22	SP-5	

PARAMETER	2558-18	2558-19	2558-20	2558-21	2558-22
pH (Taken in Field), units	4.70	5.28	5.81	4.99	4.64
Specific Conductance (Taken Field), umhos/cm	3520	639	780	491	49
Water Level (to top of casing), feet	8.35	5.75	7.75	7.98	8.67
4-Bromofluorobenzene, %	92	93	96	97	95
Copper, mg/l	19	2.2	1.4	2.1	0.06

Methods: EPA 40 CFR Part 136 and SW-846
SP-6 and SP-8 were dry

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-23	SP-7	Savannah Laboratories

PARAMETER	2558-23
Cadmium, mg/l	<0.01
Chromium, mg/l	<0.05
Hexavalent Chromium, mg/l	<0.05
Nickel, mg/l	0.40
Cyanide, mg/l	3600
Cyanide(Amenable), mg/l	3200

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-23	SP-7	Savannah Laboratories

PARAMETER	2558-23
Volatile Organic Compounds	
Acrolein, ug/l	<250
Acrylonitrile, ug/l	<250
Benzene, ug/l	<5
Bis(chloromethyl)Ether, ug/l	<25
oform, ug/l	<5
on Tetrachloride, ug/l	<5
orobenzene, ug/l	<5
Chlorodibromomethane, ug/l	<5
Chloroethane, ug/l	<5
2-Chloroethylvinyl Ether, ug/l	<5
Chloroform, ug/l	30
Dichlorobromomethane, ug/l	<5
Dichlorodifluoromethane, ug/l	<5
1,1-Dichloroethane, ug/l	55
1,2-Dichloroethane, ug/l	<5
1,1-Dichloroethylene, ug/l	170
1,2-Dichloropropane, ug/l	<5
1,3-Dichloropropylene, ug/l	<5
Ethylbenzene, ug/l	<5
Methyl Bromide, ug/l	<5
Methyl Chloride, ug/l	<5
Methylene Chloride, ug/l	<5

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
2558-23	SP-7	Savannah Laboratories

PARAMETER	2558-23
1,1,2,2-Tetrachloroethane, ug/l	<5
Tetrachloroethylene, ug/l	<5
Toluene, ug/l	<5
1,2-Trans-Dichloroethylene, ug/l	<5
1,1,1-Trichloroethane, ug/l	<5
',2-Trichloroethane, ug/l	<5
hloroethylene, ug/l	32
Trichlorofluoromethane, ug/l	<5
Vinyl Chloride, ug/l	<5
Additional Compounds:	
Xylene, ug/l	<5
pH (Taken in Field), units	9.24
Specific Conductance (Taken in Field), umhos/cm	19010
Water Level (to top of casing), feet	4.77
4-Bromofluorobenzene, %	114
Copper, mg/l	2200

Methods: EPA 40 CFR Part 136 and SW-846
SP-6 and SP-8 were dry

Total VOCs ppb: 26

![SLES inc.]

CHAIN OF CUSTODY RECORD

COMPANY NAME/LOCATION: Tarrington — Sylvania, Inc.

SAMPLERS (Signature): [illegible]

SLES LOG NO.	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	NO. OF CONTAINERS	Containers (Color Code: Water/Wastewater, Soil/Sludge)	pH	Cond
0459	8/11/87	12:15		✓	W-18		4LP	5.90	290
	8/11/87	12:50		✓	W-16		4LB	4.89	130
	8/11/87	1:15		✓	W-17		4LB	5.21	120
	8/11/87	2:15		✓	W-15		4LB	5.53	60
	8/11/87	4:00		✓	L-1		1B, 4LB, ✓	9.60	230
	8/11/87	8:00		✓	W-8		1B, 1G, 1R, 4LB, 14	6.04	40
	8/10/87	6:30		✓	W-1		1B, 1R, 1P, 16, 4LB	4.88	90
	8/10/87	7:20		✓	W-3		1B, 1R, 1P, 16, 4LB	4.90	820
	8/10/87	7:29		✓	W-2		1B, 1R, 1P, 1K, 4LB	4.84	70
	8/11/87	7:35		✓	W-4		1B, 1R, 1P, 16, 4LB	5.30	30
	8/11/87	8:00		✓	DSA-1		4LB	4.76	20
	8/11/87	8:20		✓	UTS-4		4LB	4.74	100
	8/11/87	8:30		✓	UTS-3		4LB	6.03	170
	8/11/87	8:35		✓	UTS-2		4LB	5.34	490
	8/11/87	8:45		✓	DSA-2		4LB	4.87	150

Container types: liter plastic jug (T); liter glass w/TFE (J); 500 ml plastic-kenda (K); 500 ml plastic-mel (W); 250 ml plastic (D); 250 ml oval glass (C); 130 ml amber glass (E); 100 ml plastic (F); 40ml vial w/ins. (G); 20 ml plastic vial (L); 250 ml plastic Jack; liter wm glass (J); liter wm plastic (C); 500 ml wm glass (N); 500 ml wm plastic (P); 40ml vial w/ins. (C); *Container sealed

ADDITIONAL SAMPLE INFORMATION

Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Virginia Baiodin	8/11/87 1430	Marc Bendz	8/11/87 2:30 pm		
Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
[illegible]	[illegible]				

Color Code/Preservative
- Green - sulfuric acid
- Purple - no preservative
- Red - nitric acid
- Tan - zinc acetate
- Yellow - sodium thiosulfate
- Blue - sodium hydroxide
- Lt. Blue - hydrochloric acid

Container seal intact
Field ______
Lab ______

SLES inc

CHAIN OF COUSTODY RECORD

COMPANY NAME/LOCATION: Torrington / Sylvania

SAMPLERS (Signature): [illegible]

SL&ES LOG NO.	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	NO. OF CONTAINERS	Containers (color code)	pH	Conductance
2552	8/11/87	8:55		✓	DSA-5		4B	5.54	50
	8/11/87	9:10		✓	DSA-4		4B	5.84	140
	8/11/87	10:00		✓	W-9		1B 2B 1P 1R 4B 1Y	6.26	370
	8/11/87	10:45		✓	W-10		1B 1R 1P 1G 4B	5.36	60
	8/11/87	11:20		✓	DSA-3		4LB	4.88	50
	8/11/87	11:35		✓	Field Blk.		4LB	5.03	03
	8/11/87	12:15		✓	W-5		1B 1R 1P 1G 4LB	5.04	30
	8/11/87	12:16		✓	W-7		1B 2B 1P 1R 4B 1Y	5.25	34
	8/11/87	12:18		✓	W-7A limited sample		2LB	4.67	38
								~~4.39~~ VMB	VMB/~~70~~
	8/11/87	12:35		✓	VTS-1			4.39	170

Column headers (color code): WATER/WASTEWATER — liter plastic jug (T), liter glass w/TFE (J), 500 ml plastic-Ren(A), 500 ml plastic-mel(L), 250 ml plastic (D), 250 ml oval glass (C), 130 ml amber glass (C), 100 ml plastic (E), 40ml vial w/ins. (G), 20 ml plastic vial (L), 250 ml Sterile; SOIL/SLUDGE — liter wm glass (L), liter wm plastic (U), 500 ml wm glass (N), 500 ml wm plastic (P), 40ml vial w/ins. (G); *Container sealed

ADDITIONAL SAMPLE INFORMATION

Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Virginia Baiden	8/11/87 1430	L Bende	8/11/87 2:30 pm		
Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
[illegible]	8/11/87 1400				

Color Code/Preservative
- Green - sulfuric acid
- Purple - no preservative
- Red - nitric acid
- Tan - zinc acetate
- Yellow - sodium thiosulfate
- Blue - sodium hydroxide
- Lt. Blue - hydrochloric acid

Container seal intact
Field ____
Lab ____

SL&ES inc.

CHAIN OF CUSTODY RECORD

COMPANY NAME/LOCATION: Torrington / Sylvania

SAMPLERS (Signature): Baisden Johnson

							WATER/WASTEWATER										SOIL/SLUDGE						
					COLOR CODE		B				R			P	B								
SL&ES LOG NO.	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	NO. OF CONTAINERS	1 liter plastic jug (T)	1 liter glass w/TFE (J)	500 ml plastic-gen (A)	500 ml plastic-metals (W)	250 ml plastic (D)	250 ml oval glass (C)	130 ml amber glass (E)	100 ml plastic (F)	40ml vial w/ins. (G)	20 ml plastic vial (I)	1 liter wm glass (L)	1 liter wm plastic (U)	500 ml wm glass (N)	500 ml wm plastic (P)	40ml vial w/ins. (G)	*Container sealed	ADDITIONAL SAMPLE INFORMATION
2558	8/10/87	1326		✓	~~RP-2~~ P-1	4									4								
	8/10/87	1417		✓	RP-1	4									4								
	8/11/87	0913		✓	RP-4	4									4								
	8/10/87	1520		✓	LF-2	4									4								
	8/10/87	1540		✓	LF-3	4									4								
	8/10/87	1605		✓	LF-1	4									4								
	8/10/87	1649		✓	SP-4 VOC - NO ACID	7	1				1			1	4								
	8/10/87	1726		✓	SP-3 VOC NO ACID	7	1				1			1	4								
	8/10/87	1803		✓	SP-1 VOC - NO ACID	7	1				1			1	4								
	8/10/87	1812		✓	SP-2	7	1				1			1	4								
	8/10/87	1842		✓	RP-2	4									4								
	8/10/87			[illegible]	RP-3	DRY - NO SAMPLE																	
	8/10/87			[illegible]	SP-8	DRY - NO SAMPLE																	
	8/10/87	0935		✓	SP-7 VOC - NO ACID	7	1				1			1	4								
	8/11/87	0914		[illegible]	RP-5	Dry No Sample																	

Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Virginia Beeler	8/11/87 1430	Sheila E Bryant	8/11/87 1430		
Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time

Color Code/Preservative
- Green - sulfuric acid
- Purple - no preservative
- Red - nitric acid
- Tan - zinc acetate
- Yellow - sodium thiosulfate
- Blue - sodium hydroxide
- Lt. Blue - hydrochloric acid

Container seal intact
Field ________
Lab ________

SLES inc.

CHAIN OF CUSTODY RECORD

COMPANY NAME/LOCATION: Torrington / Sylvania, GA.

SAMPLERS (Signature): Baisden V - Johnson RM. 1

COLOR CODE: WATER/WASTEWATER — B, R, P, P, B, G; SOIL/SLUDGE

SL&ES LOG NO.	DATE	TIME	COMP	GRAB	SAMPLE IDENTIFICATION	NO. OF CONTAINERS	1 liter plastic JUR (T)	1 liter glass w/TFE (J)	500 ml plastic-perA	500 ml plastic-metA	250 ml plastic (D)	250 ml oval glass(C)	130 ml amber glass(E)	100 ml plastic (F)	40ml vial w/ins. (G)	20 ml plastic vial(L)	100 ml plastic	1 liter wm glass (L)	1 liter wm plastic (U)	500 ml wm glass (N)	500 ml wm plastic (P)	40ml vial w/ins. (G)	*Container sealed	ADDITIONAL SAMPLE INFORMATION
					DRY - NO SAMPLE																			
2558	8/11/87	0945		✓	SP-6	7	1			1				1	4									SC 44 PH 4.64
	8/11/87	0956		✓	SP-5 — VOC-3 w/ HCl 1 w/ ACID	9	1			1				1	4		1							
	8/11/87	1119		✓	W-11	9	1			1				1	4		1							
	8/11/87	1130		✓	W-12	9	1			1		1	1	1	4		1							
	8/11/87	1144		✓	W-13	8	1			1				1	4		1							

Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time
Virginia Baisden	8/11/87 1450	Sheila S Bryant	8/11/87 1450		
Relinquished by:	Date/Time	Received by:	Date/Time	Relinquished by:	Date/Time

Color Code/Preservative
- Green - sulfuric acid
- Purple - no preservative
- Red - nitric acid
- Tan - zinc acetate
- Yellow - sodium thiosulfate
- Blue - sodium hydroxide
- Lt. Blue - hydrochloric acid

Container seal intact
Field _____
Lab _____

December 10, 1987

DATA:

SP-1
SP-2
LF-1
SP-3

W-5

W-10
W-11
W-12
W-13
W-17

SP-4
SP-7
SP-9

James W. Andrews, Ph.D.
President

Janette M. Davis
Vice-President

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P. O. Box 13548 • Savannah, GA 31416-0548
Whitfield Avenue at Shipyard Road (31406)
(912) 354-7858

LOG NO: 87-4458

Received: 10 DEC 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-11	W-12 (12/8/87)	Savannah Laboratories
4458-12	W-13 (12/8/87)	
4458-13	SP-1 (12/9/87)	
4458-14	L-1 (12/9/87)	

PARAMETER		4458-11	4458-12	4458-13	4458-14
Specific Conductance (Taken in Field),	umhos/cm	101	32	4900	162

Methods: EPA 40 CFR part 136

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SAVANNAH LABORATORIES
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LOG NO: 87-4458

Received: 10 DEC 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-6	W-7 (12/9/87)	Savannah Laboratories
4458-7	W-8 (12/9/87)	
4458-8	W-9 (12/8/87)	
4458-9	W-10 (12/8/87)	
4458-10	W-11 (12/8/87)	

PARAMETER	4458-6	4458-7	4458-8	4458-9	4458-10
Volatile Organic Compounds					
Acrolein, ug/l	<50	<50	<50	<50	<50
Acrylonitrile, ug/l	<50	<50	<50	<50	<50
Benzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bis(chloromethyl)Ether, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chloroethylvinyl Ether, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorobromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	<1.0	38	<1.0	<1.0
1,2-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene, ug/l	27	<1.0	48	6.2	2.3
1,2-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0

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4458-1	W-1 (12/8/87)	Savannah Laboratories
4458-2	W-2 (12/9/87)	
4458-3	W-3 (12/9/87)	
4458-4	W-4 (12/8/87)	
4458-5	W-5 (12/8/87)	

PARAMETER	4458-1	4458-2	4458-3	4458-4	4458-5
atile Organic Compounds					
olein, ug/l	<50	<50	<50	<50	<50
Acrylonitrile, ug/l	<50	<50	<50	<50	<50
Benzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Bis(chloromethyl)Ether, ug/l	<5.0	<5.0	<5.0	<5.0	<5.0
Bromoform, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon Tetrachloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorodibromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	32
2-Chloroethylvinyl Ether, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform, ug/l	<1.0	<1.0	5.7	<1.0	<1.0
Dichlorobromomethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	52	56	<1.0	170
1,2-Dichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethylene, ug/l	<1.0	9.9	6.8	<1.0	17
1,2-Dichloropropane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,3-Dichloropropylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0

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4458-1	W-1 (12/8/87)	Savannah Laboratories
4458-2	W-2 (12/9/87)	
4458-3	W-3 (12/9/87)	
4458-4	W-4 (12/8/87)	
4458-5	W-5 (12/8/87)	

PARAMETER	4458-1	4458-2	4458-3	4458-4	4458-5
hylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
hyl Bromide, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl Chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride, ug/l	<1.0	<1.0	<1.0	<1.0	12
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene, ug/l	<1.0	<1.0	<1.0	<1.0	1.5
1,2-Trans-Dichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane, ug/l	2.5	3.3	<1.0	2.0	91
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene, ug/l	49	<1.0	2.2	<1.0	<1.0
Trichlorofluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride, ug/l	<1.0	<1.0	2.5	<1.0	4.0
Cyanide, mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Cadmium, mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, mg/l	0.02	<0.01	<0.01	<0.01	<0.01
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	<0.01	<0.01	<0.01	<0.01	0.04

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4458-1	W-1 (12/8/87)	Savannah Laboratories
4458-2	W-2 (12/9/87)	
4458-3	W-3 (12/9/87)	
4458-4	W-4 (12/8/87)	
4458-5	W-5 (12/8/87)	

PARAMETER	4458-1	4458-2	4458-3	4458-4	4458-5
er Level (to top of casing), ft	13.57	13.48	10.76	18.45	8.22
Taken in Field), units	4.81	4.79	4.73	5.25	4.94
Specific Conductance (Taken in Field), umhos/cm	73	48	708	23	49

Methods: EPA 40 CFR part 136

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4458-6	W-7 (12/9/87)	Savannah Laboratories
4458-7	W-8 (12/9/87)	
4458-8	W-9 (12/8/87)	
4458-9	W-10 (12/8/87)	
4458-10	W-11 (12/8/87)	

PARAMETER	4458-6	4458-7	4458-8	4458-9	4458-10
hylbenzene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
hyl Bromide, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl Chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene Chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Trans-Dichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane, ug/l	10	<1.0	<1.0	4.8	<1.0
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethylene, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride, ug/l	<1.0	<1.0	<1.0	<1.0	<1.0
Cyanide, mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
Cadmium, mg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Chromium, mg/l	<0.01	0.02	0.02	0.02	<0.01
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	0.03	<0.01	<0.01	<0.01	<0.01

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-6	W-7 (12/9/87)	Savannah Laboratories
4458-7	W-8 (12/9/87)	
4458-8	W-9 (12/8/87)	
4458-9	W-10 (12/8/87)	
4458-10	W-11 (12/8/87)	

PARAMETER	4458-6	4458-7	4458-8	4458-9	4458-10
Water Level (to top of casing), ft	36.43	27.73	28.74	33.10	32.29
pH (Taken in Field), units	5.40	4.94	5.25	5.10	6.59
Specific Conductance (Taken in Field), umhos/cm	44	30	26	46	124

Methods: EPA 40 CFR part 136

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-11	W-12 (12/8/87)	Savannah Laboratories
4458-12	W-13 (12/8/87)	
4458-13	SP-1 (12/9/87)	
4458-14	L-1 (12/9/87)	

PARAMETER	4458-11	4458-12	4458-13	4458-14
Volatile Organic Compounds				
[illegible]rolein, ug/l	<50	<50	<250	<50
[illegible]ylonitrile, ug/l	<50	<50	<250	<50
Benzene, ug/l	<1.0	<1.0	<5.0	<1.0
Bis(chloromethyl)Ether, ug/l	<5.0	<5.0	<25	<5.0
Bromoform, ug/l	<1.0	<1.0	<5.0	<1.0
Carbon Tetrachloride, ug/l	<1.0	<1.0	<5.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0	<5.0	<1.0
Chlorodibromomethane, ug/l	<1.0	<1.0	<5.0	<1.0
Chloroethane, ug/l	<1.0	<1.0	<5.0	<1.0
2-Chloroethylvinyl Ether, ug/l	<1.0	<1.0	<5.0	<1.0
Chloroform, ug/l	<1.0	<1.0	500	<1.0
Dichlorobromomethane, ug/l	<1.0	<1.0	<5.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0	<5.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	2.9	<5.0	510
1,2-Dichloroethane, ug/l	<1.0	<1.0	<5.0	<1.0
1,1-Dichloroethylene, ug/l	<1.0	5.1	<5.0	140
1,2-Dichloropropane, ug/l	<1.0	<1.0	<5.0	<1.0
trans-1,3-Dichloropropylene, ug/l	<1.0	<1.0	<5.0	<1.0
Ethylbenzene, ug/l	<1.0	<1.0	<5.0	<1.0

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4458-11	W-12 (12/8/87)	Savannah Laboratories
4458-12	W-13 (12/8/87)	
4458-13	SP-1 (12/9/87)	
4458-14	L-1 (12/9/87)	

PARAMETER	4458-11	4458-12	4458-13	4458-14
Methyl Bromide, ug/l	<1.0	<1.0	<5.0	<1.0
›thyl Chloride, ug/l	<1.0	<1.0	<5.0	<1.0
:hylene Chloride, ug/l	<1.0	<1.0	<5.0	3.6
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0	<5.0	<1.0
Tetrachloroethylene, ug/l	<1.0	<1.0	<5.0	<1.0
Toluene, ug/l	<1.0	<1.0	<5.0	2.1
1,2-Trans-Dichloroethylene, ug/l	<1.0	<1.0	<5.0	<1.0
1,1,1-Trichloroethane, ug/l	<1.0	<1.0	<5.0	210
1,1,2-Trichloroethane, ug/l	<1.0	<1.0	<5.0	<1.0
Trichloroethylene, ug/l	<1.0	<1.0	<5.0	3.6
Trichlorofluoromethane, ug/l	<1.0	<1.0	<5.0	<1.0
Vinyl Chloride, ug/l	<1.0	<1.0	470	76
Cyanide, mg/l	<0.02	<0.02	28	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02	2.5	<0.02
Cadmium, mg/l	<0.005	<0.005	<0.005	<0.005
Chromium, mg/l	<0.01	<0.01	0.01	<0.01
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05	<0.05
Nickel, mg/l	0.01	0.02	0.03	<0.01
Water Level (to top of casing), ft	32.13	32.30	10.04	30.99
pH (Taken in Field), units	6.76	5.71	4.35	9.67

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-15	SP-2 (12/9/87)	Savannah Laboratories

PARAMETER	4458-15
Cyanide, mg/l	1.7
Cyanide(Amenable), mg/l	0.7
Cadmium, mg/l	<0.005
Chromium, mg/l	0.03
valent Chromium, mg/l	<0.05
l, mg/l	<0.01
Water Level (to top of casing), ft	9.50
pH (Taken in Field), units	5.20
Specific Conductance (Taken in Field), umhos/cm	809

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-16	LF-1 (12/9/87)	Savannah Laboratories
4458-17	LF-2 (12/9/87)	

PARAMETER	4458-16	4458-17	
Cadmium, mg/l	<0.005	<0.005	
Chromium, mg/l	<0.01	<0.01	
Hexavalent Chromium, mg/l	<0.05	<0.05	
Nickel, mg/l	0.09	0.02	

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-16	LF-1 (12/9/87)	Savannah Laboratories
4458-17	LF-2 (12/9/87)	

PARAMETER	4458-16	4458-17
Volatile Organic Compounds		
Acrolein, ug/l	<50	<50
Acrylonitrile, ug/l	<50	<50
Benzene, ug/l	<1.0	<1.0
Bis(chloromethyl)Ether, ug/l	<5.0	<5.0
Bromoform, ug/l	<1.0	<1.0
Carbon Tetrachloride, ug/l	<1.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0
Chlorodibromomethane, ug/l	<1.0	<1.0
Chloroethane, ug/l	<1.0	490
2-Chloroethylvinyl Ether, ug/l	<1.0	<1.0
Chloroform, ug/l	1.1	<1.0
Dichlorobromomethane, ug/l	<1.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0
1,1-Dichloroethane, ug/l	1.4	3000
1,2-Dichloroethane, ug/l	<1.0	<1.0
1,1-Dichloroethylene, ug/l	4.7	3500
1,2-Dichloropropane, ug/l	<1.0	<1.0
trans-1,3-Dichloropropylene, ug/l	<1.0	<1.0
Ethylbenzene, ug/l	<1.0	<1.0
Methyl Bromide, ug/l	<1.0	<1.0
Methyl Chloride, ug/l	<1.0	<1.0

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LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-16	LF-1 (12/9/87)	Savannah Laboratories
4458-17	LF-2 (12/9/87)	

PARAMETER	4458-16	4458-17
Methylene Chloride, ug/l	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0
Tetrachloroethylene, ug/l	<1.0	27
Toluene, ug/l	<1.0	3.2
1,2-Trans-Dichloroethylene, ug/l	<1.0	<1.0
1,1,1-Trichloroethane, ug/l	5.0	880
1,1,2-Trichloroethane, ug/l	<1.0	<1.0
Trichloroethylene, ug/l	<1.0	5.8
Trichlorofluoromethane, ug/l	<1.0	<1.0
Vinyl Chloride, ug/l	<1.0	11
Water Level (to top of casing), ft	12.25	11.41
pH (Taken in Field), units	4.44	4.82
Specific Conductance (Taken in Field), umhos/cm	126	397

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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.
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LOG NO: 87-4458

Received: 10 DEC 87

Mr. Bruce Peake
The Torrington Company
P. O. Box 1667, Friendship Road
Sylvania, GA 30467

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-19	Field Blank 12/9/87	Savannah Laboratories
4458-20	Trip Blank 12/9/87	

PARAMETER	4458-19	4458-20
Volatile Organic Compounds		
Acrolein, ug/l	<50	<50
Acrylonitrile, ug/l	<50	<50
Benzene, ug/l	<1.0	<1.0
Bis(chloromethyl)Ether, ug/l	<5.0	<5.0
Bromoform, ug/l	<1.0	<1.0
Carbon Tetrachloride, ug/l	<1.0	<1.0
Chlorobenzene, ug/l	<1.0	<1.0
Chlorodibromomethane, ug/l	<1.0	<1.0
Chloroethane, ug/l	<1.0	<1.0
2-Chloroethylvinyl Ether, ug/l	<1.0	<1.0
Chloroform, ug/l	<1.0	<1.0
Dichlorobromomethane, ug/l	<1.0	<1.0
Dichlorodifluoromethane, ug/l	<1.0	<1.0
1,1-Dichloroethane, ug/l	<1.0	<1.0
1,2-Dichloroethane, ug/l	<1.0	<1.0
1,1-Dichloroethylene, ug/l	<1.0	<1.0
1,2-Dichloropropane, ug/l	<1.0	<1.0
trans-1,3-Dichloropropylene, ug/l	<1.0	<1.0
Ethylbenzene, ug/l	<1.0	<1.0
Methyl Bromide, ug/l	<1.0	<1.0
Methyl Chloride, ug/l	<1.0	<1.0

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4458-19	Field Blank 12/9/87	Savannah Laboratories
4458-20	Trip Blank 12/9/87	

PARAMETER	4458-19	4458-20
Methylene Chloride, ug/l	<1.0	<1.0
1,1,2,2-Tetrachloroethane, ug/l	<1.0	<1.0
Tetrachloroethylene, ug/l	<1.0	<1.0
Toluene, ug/l	<1.0	<1.0
1,2-Trans-Dichloroethylene, ug/l	<1.0	<1.0
1,1,1-Trichloroethane, ug/l	<1.0	<1.0
1,1,2-Trichloroethane, ug/l	<1.0	<1.0
Trichloroethylene, ug/l	<1.0	<1.0
Trichlorofluoromethane, ug/l	<1.0	<1.0
Vinyl Chloride, ug/l	<1.0	<1.0
Cyanide, mg/l	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02
Cadmium, mg/l	<0.005	<0.005
Chromium, mg/l	<0.01	<0.01
Hexavalent Chromium, mg/l	<0.05	<0.05
Nickel, mg/l	<0.01	<0.01

Methods: EPA 40 CFR part 136

Wells W-7A, SP-6 and SP-8 were dry.

Janette Davis Long

Janette Davis Long

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Janette M. Davis
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LOG NO: 87-4485

Received: 11 DEC 87

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4485-9	SP-3 (12/10/87)	Savannah Laboratories
4485-10	LF-3 (12/10/87)	

PARAMETER	4485-9	4485-10
Cyanide, mg/l	1.8	0.03
Cyanide(Amenable), mg/l	0.45	0.028
Cadmium, mg/l	<0.005	<0.005
omium, mg/l	<0.01	0.01
avalent Chromium, mg/l	<0.05	<0.05
Nickel, mg/l	0.01	<0.01
Water Level (to top of casing), ft	9.64	12.60
pH (Taken in Field), units	5.51	5.98
Specific Conductance (Taken in Field), umhos/cm	1359	880

Methods: EPA 40 CFR part 136

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LOG NO: 87-4485

Received: 11 DEC 87

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4485-11	SP-9 (12/10/87)	Savannah Laboratories
4485-12	SP-4 (12/10/87)	
4485-13	SP-7 (12/10/87)	

PARAMETER	4485-11	4485-12	4485-13
Volatile Organic Compounds			
Acrolein, ug/l	<50	<50	<1250
·rylonitrile, ug/l	<50	<50	<1250
.nzene, ug/l	<1	<1	<25
Bis(chloromethyl)Ether, ug/l	<5	<5	<125
Bromoform, ug/l	<1	<1	<25
Carbon Tetrachloride, ug/l	<1	<1	<25
Chlorobenzene, ug/l	<1	<1	<25
Chlorodibromomethane, ug/l	<1	<1	<25
Chloroethane, ug/l	<1	<1	<25
2-Chloroethylvinyl Ether, ug/l	<1	<1	<25
Chloroform, ug/l	3.1	7.2	<25
Dichlorobromomethane, ug/l	<1	<1	<25
Dichlorodifluoromethane, ug/l	<1	<1	<25
1,1-Dichloroethane, ug/l	1.2	<1	<25
1,2-Dichloroethane, ug/l	<1	<1	<25
1,1-Dichloroethylene, ug/l	3.6	5.6	49
1,2-Dichloropropane, ug/l	<1	<1	<25
trans-1,3-Dichloropropylene, ug/l	<1	<1	<25
Ethylbenzene, ug/l	<1	<1	<25
Methyl Bromide, ug/l	<1	<1	<25

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4485-11	SP-9 (12/10/87)	Savannah Laboratories
4485-12	SP-4 (12/10/87)	
4485-13	SP-7 (12/10/87)	

PARAMETER	4485-11	4485-12	4485-13
Methyl Chloride, ug/l	<1	<1	<25
Methylene Chloride, ug/l	<1	<1	<25
1,2,2-Tetrachloroethane, ug/l	<1	<1	<25
Tetrachloroethylene, ug/l	<1	<1	<25
Toluene, ug/l	<1	<1	<25
1,2-Trans-Dichloroethylene, ug/l	<1	6.9	<25
1,1,1-Trichloroethane, ug/l	3.7	9.7	<25
1,1,2-Trichloroethane, ug/l	<1	<1	<25
Trichloroethylene, ug/l	<1	<1	<25
Trichlorofluoromethane, ug/l	<1	<1	<25
Vinyl Chloride, ug/l	<1	<1	<25
Cyanide, mg/l	0.14	<0.02	2000
Cyanide(Amenable), mg/l	<0.02	<0.02	980
Cadmium, mg/l	<0.005	<0.005	<0.005
Chromium, mg/l	0.20	0.16	0.17
Hexavalent Chromium, mg/l	<0.05	<0.05	<0.05
Nickel, mg/l	0.07	0.05	0.95
Water Level (to top of casing), ft	7.21	10.93	5.40
pH (Taken in Field), units	4.87	4.92	9.66
Specific Conductance (Taken in Field), umhos/cm	344	672	46400

Methods: EPA 40 CFR part 136

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Received: 11 DEC 87

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4485-14	LF-1 (12/10/87)	Savannah Laboratories
4485-15	LF-2 (12/10/87)	

PARAMETER	4485-14	4485-15
Cyanide, mg/l	<0.02	<0.02
Cyanide(Amenable), mg/l	<0.02	<0.02

Methods: EPA 40 CFR part 136

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4485-1	W-15	Savannah Laboratories
4485-2	W-16	
4485-3	W-17	
4485-4	W-18 (12/10/87)	
4485-5	DSA-2 (12/10/87)	

PARAMETER	4485-1	4485-2	4485-3	4485-4	4485-5
Volatile Organic Compounds					
Acrolein, ug/l	<50	<50	<50	<50	<50
Acrylonitrile, ug/l	<50	<50	<50	<50	<50
Benzene, ug/l	6.7	<1	<1	<1	<1
Bis(chloromethyl)Ether, ug/l	<5	<5	<5	<5	<5
Bromoform, ug/l	<1	<1	<1	<1	<1
Carbon Tetrachloride, ug/l	<1	<1	<1	<1	<1
Chlorobenzene, ug/l	<1	<1	<1	<1	<1
Chlorodibromomethane, ug/l	<1	<1	<1	<1	<1
Chloroethane, ug/l	<1	<1	<1	<1	<1
2-Chloroethylvinyl Ether, ug/l	<1	<1	<1	<1	<1
Chloroform, ug/l	<1	2.0	<1	<1	<1
Dichlorobromomethane, ug/l	<1	<1	<1	<1	<1
Dichlorodifluoromethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethane, ug/l	<1	<1	1.5	<1	<1
1,2-Dichloroethane, ug/l	<1	<1	<1	<1	<1
1,1-Dichloroethylene, ug/l	15	8.8	<1	<1	4.0
1,2-Dichloropropane, ug/l	<1	<1	<1	<1	<1
trans-1,3-Dichloropropylene, ug/l	<1	<1	<1	<1	<1

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LOG NO: 87-4485

Received: 11 DEC 87

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REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	SAMPLED BY
4485-1	W-15	Savannah Laboratories
4485-2	W-16	
4485-3	W-17	
4485-4	W-18 (12/10/87)	
4485-5	DSA-2 (12/10/87)	

PARAMETER	4485-1	4485-2	4485-3	4485-4	4485-5
hylbenzene, ug/l	<1	<1	<1	<1	<1
ethyl Bromide, ug/l	<1	<1	<1	<1	<1
Methyl Chloride, ug/l	<1	<1	<1	<1	<1
Methylene Chloride, ug/l	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane, ug/l	<1	<1	<1	<1	<1
Tetrachloroethylene, ug/l	<1	<1	<1	<1	<1
Toluene, ug/l	<1	<1	<1	<1	<1
1,2-Trans-Dichloroethylene, ug/l	4.0	30	1.5	<1	4.3
1,1,1-Trichloroethane, ug/l	35	46	<1	<1	1.0
1,1,2-Trichloroethane, ug/l	<1	<1	<1	<1	<1
Trichloroethylene, ug/l	<1	<1	<1	<1	8.1
Trichlorofluoromethane, ug/l	<1	<1	<1	<1	<1
Vinyl Chloride, ug/l	<1	<1	<1	<1	<1
Water Level (to top of casing), ft	19.40	13.64	13.88	18.85	12.62
pH (Taken in Field), units	5.10	4.66	4.94	5.30	4.55
Specific Conductance (Taken in Field), umhos/cm	40	86	56	57	134

Methods: EPA 40 CFR part 136

Appendix VIII Results

DATA:

W-3	July	1985
W-10	Sept	1986
W-12	Sept	1986

REPORT OF RESULTS

FROM APPENDIX VIII TESTING OF

GROUNDWATER SAMPLE FROM WELL 3

AT THE TORRINGTON COMPANY'S

SYLVANIA, GA. FACILITY

The following report presents the results for procedures 1-10 per the GEORGIA MODIFIED STANDARD METHOD.

Standards were not available for parameters for which results were reported as ND (not detected). Since these parameters were not identified by the NBS MS Library, it is assumed that they are not present. Detection limits and recovery rates wil be reported as soon as standards are obtained for these parameters.

James W. Andrews, Ph.D.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.'S

APPROACH TO APPENDIX VIII GROUNDWATER MONITORING

The following approach is based on directions provided in the Georgia Environmental Protection Division's outline of the Georgia Modified Standard Method procedure, EPA manual SW-846 (including the 1984 proposed additions), EPA manual 600/4-79-020, and discussions with laboratory personnel from the Georgia EPD Laboratory and EPA's Hazardous Waste Analytical Group. In those cases where specific EPA recommended procedures are not available, procedures were obtained from a literature search of "state of the art" analytical procedures.

Savannah Laboratories has encountered problems with matrix interferences, detection limits and quality control for several of the procedures. EPA's Hazardous Waste analytical group is aware of the limitations and problems of these methods and is working to improve the procedures. When these "improved" procedures become available, Savannah Laboratories and Environmental Services, Inc. will incorporate them into this approach.

Since several of our clients are being required by EPD to test for Appendix VIII by the Georgia Modified Standard Method, the outline provided by the Georgia Modified Standard Method (procedures 1-9) is used to discuss the approach.

Procedure 1 - SW-846 Method 8240 will be used. Other compounds which may be detected by this method and identified by the NBS MS library will be reported.

Procedure 2 - A heated purge and trap modification of Method 8240 will be used.

Procedure 3 - SW-846 Method 8270 will be used. All other compounds detected by this method and identifiable by the NBS MS library will be reported.

Procedure 4 - GC procedure 8080, 8150 and 8140 will be used for these parameters.

Procedure 5 - The thiourea compounds will be analyzed by proposed HPLC Method 8330. The remaining compounds will be analyzed by HPLC or Method 8270 (GC/MS).

Procedure 6 - The 22 metals listed will be analyzed by Methods 7751, 6010, and 7470.

Procedure 7 - Total and amenable cyanide will be determined by Method 9010 (Spectrophotometric Method).

Procedure 8 - Sulfide will be analyzed by Method 9030. Cleanup procedures will be used in an attempt to eliminate false positive results.

Procedure 9 - Formaldehyde will be tested by the FDA derivitization procedure (as used by the Athens EPA and the Georgia EPD Laboratory). Paraldehyde will be tested by GC-MS or FID.

Procedure 10

Appendix A - Method 8610 and 8630 will be used to determine the presence or absence of compounds listed in group 1. If a positive response is obtained no attempts will be made to analyze for individual compounds as procedures are not provided in the Georgia Modified Standard method or provided by EPA.

Our experience with these screening techniques has been discouraging. If a groundwater sample contains high levels of organics, color, etc., a positive response generally occurs. In other cases, a high background prohibits a UV scan.

No attempts will be made to analyze for the group 2 compounds unless requested by the client.

Appendix B - No attempts will be made to analyze for these unstable compounds.

General

1. Distilled water blanks will be run for each test.

2. Recovery data and detection limits will be reported for all parameters for which certified standards can be obtained. Normally, the detection limits will be similar to those obtained in priority pollutant analysis. For most compounds in procedures 1 - 3, detection limits should be 0.01 mg/liter or less. Because of potential interferences, detection limits will vary among samples.

3. It should be pointed out that many of the procedures have not been validated or approved by EPA, thus it may not be possible to obtain consistent results or high recovery rates in all samples. Likewise, the quality of the data may be affected by the fact that certified standards or EPA audit samples are not available for many of the parameters to be tested.

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Janette M. Davis
Chief Chemist, I.P.

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REPORT OF ANALYSIS

TO: Mr. Bruce Peake
The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lab

IDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII - Procedure 1, method: GC-MS, purge and trap (Method 8240-SW846)

---

mg/l

No.	Component	Sample	Blank	% Recovery on Spike *
7	Acrolein	<0.1	<0.1	76
9	Acrylonitrile	<0.1	<0.1	78
31	Benzene	<0.01	<0.01	62
47	bis(chloromethyl)ether	<0.01	<0.01	78
50	Methyl Bromide	<0.01	<0.01	73
59	Carbon disulfide	<0.01	<0.01	82
72	Chlorobenzene	<0.01	<0.01	72
75	1-Chloro2,3-epoxypropane	ND	ND	
76	2-Chloroethyl vinyl ether	<0.01	<0.01	42
77	Chloroform	<0.01	<0.01	59
78	Methyl Chloride	<0.01	<0.01	62
79	Chloromethyl methyl ether	<0.01	<0.01	70
91	Crotonaldehyde	ND	ND	
111	1,2-dibromo-3-chloropropane	ND	ND	
112	1,2-Dibromoethane	<0.01	<0.01	73
113	Dibromomethane	ND	ND	

* of sample matrix

ND = Not detected

(Procedure 1 continued)

No.	Component	Sample (mg/l)	Blank (mg/l)	% Recovery on Spike*
120	1,4-Dichloro-2-butene	ND	ND	
121	Dichlorodifluoromethane	<0.01	<0.01	
122	1,1-Dichloroethane	<0.01	<0.01	60
123	1,2-Dichloroethane	<0.01	<0.01	93
124	1,2-Trans-dichloroethylene	<0.01	<0.01	78
126	1,1-Dichloroethylene	<0.01	<0.01	106
127	Methylene Chloride	<0.01	0.01	120
133	1,2-Dichloropropane	<0.01	<0.01	72
132	1,3-Dichloropropane	<0.01	<0.01	67
135	2,3-Dichloropropene	<0.01	<0.01	93
136A	cis-1,3-Dichloropropene	<0.01	<0.01	94
136B	trans-1,3-Dichloropropene	<0.01	<0.01	72
139	Diethylarsine	ND	ND	
140	N,N-Diethylhydrazine	ND	ND	
155	1,1-Dimethylhydrazine	ND	ND	
156	1,2-Dimethylhydrazine	ND	ND	
206	Hydrogen sulfide	<0.1	<0.1	47
209	Iodomethane	<0.05	<0.05	70
226	Methacrylonitrile	ND	ND	
227	Methanethiol	ND	ND	
235	Methyl Ethyl Ketone	<0.01	<0.01	86

* of sample matrix
ND = Not detected

(Prodecure 1 continued)

mg/l

No.	Component	Sample	Blank	% Recovery on Spike **
285	Pentachloroethane	ND	ND	
308	Pyridine	<0.1	<0.1	49
325	Tetrachloroethane	<0.01	<0.01	56
326	1,1,1,2-Tetrachloroethane	<0.01	<0.01	50
327	1,1,2,2-Tetrachloroethane	<0.01	<0.01	67
328	Tetrachloroethene	<0.01	<0.01	78
329	Carbon Tetrachloride	<0.01	<0.01	72
347	Toluene	0.05	<0.01	83
352	Bromoform	<0.01	<0.01	72
354	1,1,1 -Trichloroethane	<0.01	<0.01	56
355	1,1,2-Trichloroethane	<0.01	<0.01	73
356	Trichloroethylene	<0.01	<0.01	63
357	Trichloromethanethiol	ND	ND	
358	Trichloroflouromethane	<0.01	<0.01	70
363	Trichloropropane	ND	ND	
364	1,2,3-Trichloropropane	ND	ND	
373	Vinyl chloride	<0.01	<0.01	72
191	Halomethane, N.O.S.*	<0.01	<0.01	
	Dibromochloromethane	<0.01	<0.01	87
	Dichlorobromomethane	<0.01	<0.01	93

ND = Not Detected

*Compounds in this class are included in the specific procedures.
** of sample matrix

James W. Andrews, Ph.D.
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Chief Chemist, I.P.

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REPORT OF ANALYSIS

TO: Mr. Bruce Peake
The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lab

IDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII - Procedure 2, GC-MS - heated purge & trap (Adapted Method 8240-SW-846)

No.	Component	mg/l Sample	mg/l Blank	% Recovery* on Spike
8	Acrylamide	<0.2	<0.2	54
12	Allyl alcohol	<0.06	<0.06	68
61	Chloral	ND	ND	
69	Chloroacetaldehyde	ND	ND	
83	3-Chloropropionitrile	<0.5	<0.5	49
93	Cyanogen	ND	ND	-
134	Dichloropropanol	<0.5	<0.5	31
155	1,1-Dimethylhydrazine	<0.4	<0.4	25
156	1,2-Dimethylhydrazine	<0.4	<0.4	27
168	1,4-Dioxane	<0.03	<0.03	87
176	Ethyl carbamate	ND	ND	
177	Ethyl cyanide	ND	ND	
180	Ethylene oxide	ND	ND	
182	Ethyl methacrylate	<0.5	<0.5	36
187	Fluoroacetic acid	<0.05	<0.05	31
190	Glycidylaldehyde	ND	ND	
203	Hydrazine	<0.1	<0.1	62
212	Isobutyl Alcohol	<0.02	<0.02	79
236	Methyl hydrazine	<0.1	<0.1	43
305	n-Propylamine	<0.1	<0.1	37
307	2-Propyn-1-ol	ND	ND	

ND = NOt Detected

* of sample matrix

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, I.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bruce Peake
The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lab

IDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII - Procedure 3, GC-MS, (Method 8027-SW846)

---

mg/l

No.	Component	Sample	Blank	% Recovery on Spike *
1	Acetonitrile	<0.01	<0.01	50
2	Acetophenone	<0.05	<0.05	46
3	Warfarin	<0.02	<0.02	37
4	2-Acetylaminofluorene	<0.01	<0.01	42
14	4-Aminobiphenyl	<0.01	<0.01	38
16	5-(Aminomethyl)-3-isoxazolol	ND	ND	
17	Amitrole	<0.01	<0.01	48
18	Aniline	<0.01	<0.01	37
20	Aramite	ND	ND	
25	Auramine	ND	ND	
29	Benz(c)acridine	ND	ND	
30	Benz(a)anthracene	<0.01	<0.01	49
33	Dichloromethyl Benzene	<0.01	<0.01	37
134	Benzenethiol	ND	ND	
136	Benzo(b)fluoranthene	<0.05	<0.05	44
137	Benzo(j)fluoranthene	ND	ND	

* of sample matrix

ND = Not detected

(Procedure 3 continued)

No.	Component	mg/l Sample	mg/l Blank	% Recovery on Spike *
38	Benzo(a)pyrene	<0.01	<0.01	44
39	p-Benzoquinone	ND	ND	
41	Benzyl chloride	<0.01	<0.01	69
43	bis(2-chloroethoxy)methane	<0.01	<0.01	71
44	bis(2-chloroethyl)ether	<0.01	<0.01	87
45	Chlornaphazine	ND	ND	
46	bis(2-chloroisopropyl)ether	<0.01	<0.01	73
48	bis(2-ethylhexyl)phthalate	<0.01	<0.01	67
51	4-Bromophynyl phenyl ether	<0.01	<0.01	79
54	Butyl benzyl phthalate	<0.01	<0.01	36
55	2-sec-Butyl-4,6-dinitrophenol	ND	ND	
67	1-chloronaphthalene	<0.01	<0.01	60
70	Chloroalkyl ethers	ND	ND	
71	p-Chloroaniline	<0.01	<0.01	51
74	p-Chloro-m-cresol	<0.01	<0.01	72
80	2-Chloronaphthalene	<0.01	<0.01	72
81	2-Chlorophenol	<0.01	<0.01	74
85	Chrysene	<0.01	<0.01	48
90A	o-Cresol	<0.01	<0.01	52
90B	m+p-Cresol	<0.01	<0.01	72
97	2-Cyclohexyl-4,6-dinitrophenol	ND	ND	

ND = Not detected

* of sample matrix

(Procedure 3 continued)

mg/l

No.	Component	Sample	Blank	% Recovery on Spike*
104	Dibenz(a,h)acridine	ND	ND	
105	Dibenz(a,j)acridine	ND	ND	
106	Dibenz(a,h)anthracene	<0.025	<0.025	63
107	7H-Dibenzo(c,g)carbazole	ND	ND	
108	Dibenzo(a,e)pyrene	<0.05	<0.05	42
171	Di-n-propylnitrosamine	ND	ND	
179	Ethyleneimine	ND	ND	
183	Ethyl methanesulfonate	<0.01	<0.01	40
184	Fluoranthene	<0.01	<0.01	58
194	Hexachlorobenzene	<0.01	<0.01	60
195	Hexachlorobutadiene	<0.01	<0.01	32
197	Hexachlorocyclopentadiene	<0.05	<0.05	70
198	Hexachloroethane	ND	ND	
200	Hexachlorophene	ND	ND	
201	Hexachloropropene	ND	ND	
208	Indeno(1,2,3-cd)pyrene	<0.025	<0.025	67
213	Isosafrole	ND	ND	
222	Malononitrile	ND	ND	
223	Melphalan	ND	ND	
228	Methapyrilene	ND	ND	
229	Methomyl	ND	ND	

ND = Not detected

* of sample matrix

No.	Component	mg/l Sample	mg/l Blank	% Recovery on Spike *
231	2-Methylaziridine	ND	ND	
232	3-Methylcholanthrene	ND	ND	
234	4,4'-Methylenebis(2-chloroaniline)	ND	ND	
237	2-Methyl actonitrile	ND	ND	
238	Methyl methacrylate	<0.01	<0.01	37
239	Methyl methanesulfonate	ND	ND	
243	Methylthiouracil	<0.04	<0.04	72
245	Naphthalene	<0.01	<0.01	65
246	1,4-Naphthoquinone	ND	ND	
247	1-Naphthylamine	ND	ND	
248	2-Naphthylamine	ND	ND	
255	p-Nitroaniline	<0.01	<0.01	70
256	Nitrobenzene	<0.01	<0.01	47
261	4-Nitrophenol	<0.01	<0.01	14
264	N-Nitrosodi-n-butylamine	<0.01	<0.01	47
265	N-Nitrosodiethanolamine	ND	ND	
266	N-Nitrosodiethylamine	<0.02	<0.02	47
267	N-Nitrosodimethylamine	<0.02	<0.02	67
269	N-Nitrosomethylethylamine	<0.01	<0.01	47
271	N-Nitroso-N-methylurethane	ND	ND	
272	N-Nitrosomethylvinylamine	ND	ND	

ND = Not detected

* of sample matrix

mg/l

No.	Comoonent	Sample	Blank	% Recovery on Spike**
273	N-Nitrosomrpholine	ND	ND	
274	N-Nitrosonornicotine	ND	ND	
275	N-Nitrosopiperidine	ND	ND	
276	Nitrosophyrrolidine	ND	ND	
278	5-Nitro-o-toluidine	ND	ND	
78A	Phenanthrene	<0.01	<0.01	60
788	Carbazole	<0.01	<0.01	61
64	Chlorinated Benzenes, N.O.S.*	ND	ND	
65	Chlorinated Ethane, N.O.S.*	ND	ND	
66	Chlorinated Fluorocarbons, N.O.S.*	ND	ND	
67	Chlorinated Napthalene, N.O.S.*	ND	ND	
68	Chlorinated Phenol, N.O.S.*	ND	ND	
70	Chloroalkyl Ethers, N.O.S.*	ND	ND	
118	Dichlorobenzene, N.O.S.*	ND	ND	
125	Dichloroethylene, N.O.S.*	ND	ND	
132	Dichloropropane, N.O.S.*	ND	ND	
134	Dichloropropanol,N.O.S.*	ND	ND	
162	Dinitrobenzene, N.O.S.*	ND	ND	
363	Trichloropropane, N.O.S.*	ND	ND	
109	Dibenzo(a,h)pyrene	ND	ND	
110	Dibenzo(a,j)pyrene	ND	ND	

*Compounds in this class are included in the specific procedures. No additional halomethanes were detected

ND = not detected.

** of sample matrix

mg/l

No.	Component	Sample	Blank	% Recovery on Spike *
114	Di-n-butyl phthalate	<0.01	<0.01	54
115	1,2-Dichlorobenzene	<0.01	<0.01	47
116	1,3-Dichlorobenzene	<0.01	<0.01	60
117	1,4-Dichlorobenzene	<0.01	<0.01	72
128	2,4-Dichlorophenol	<0.01	<0.01	74
129	2,6-Dichlorophenol	<0.01	<0.01	70
131	Dichlorophenylarsine	ND	ND	
143	Diethyl phthalate	<0.01	<0.01	57
146	Dihydrosafrole	ND	ND	
151	p-Dimethylaminoazobenzene	ND	ND	
152	7,12-Dimethylbenz(a)anthracene	ND	ND	
157	Thiofanox	ND	ND	
158	alpha-alpha-Dimethylphenethylamine	ND	ND	
159	2,4-Dimethylphenol	<0.02	<0.02	27
160	Dimethyl phthalate	<0.01	<0.01	52
162	m-Dinitrobenzene	ND	ND	
163	4,6-Dinitro-o-cresol	<0.02	<0.02	73
164	2,4-Dinitrophenol	<0.02	<0.02	11
165	2,4-Dinitrotoluene	<0.02	<0.02	54
166	2,6-Dinitrotoluene	<0.1	<0.1	72
167	Di-n-octyl phthalate	<0.01	<0.01	62

ND= Not Detected

* of sample matrix

mg/l

No.	Component	Sample	Blank	% Recovery on Spike *
169	Diphenylamine	<0.01	<0.01	42
170	1,2-Diphenylhydrazine	<0.01	<0.01	49
284	Pentachlorobenzene	<0.01	<0.01	63
286	Pentachloronitrobenzene	<0.05	<0.05	74
287	Pentachlorophenol	<0.01	<0.01	70
288	Phenacetin	ND	ND	
289	Phenol	<0.01	<0.01	50
290	Am-phenylenediamine	<0.02	<0.02	72
290	Bo-phenylenediamine	ND	ND	
290	Cp-phenylenediamine	ND	ND	
297	Phthalic acid esters	<0.01	<0.01	73
299	2-Picoline	ND	ND	
303	Pronamide	ND	ND	
309	Reserpine	ND	ND	
310	Resorcinol	ND	ND	
312	Safrole	ND	ND	
323	1,2,4,5-Tetrachlorobenzene	<0.01	<0.01	47
324	2,3,7,8-TCDD	<0.01	<0.01	52
330	2,3,4,6-Tetrachlorophenol	<0.01	<0.01	110
346	Thiuram	ND	ND	
348	Toluenediamine	ND	ND	

ND = Not Detected

* of sample matrix

mg/l

No.	Component	Sample	Blank	%, Recovery on Spike*
349	O-Toluidine hydrochloride	ND	ND	
353	1,2,4-Trichlorobenzene	<0.01	<0.01	87
359	2,4,5-Trichlorophenol	<0.01	<0.01	80
360	2,4,6-Trichlorophenol	<0.01	<0.01	73
365	O,O,O-Triethyl phosphorothioate	ND	ND	
366	sym-Trinitrobenzene	ND	ND	
368	Tris(2,3-dibromopropyl) phosphate	ND	ND	

* of sample matrix

ND= Not detected.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bruce Peake
The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lab

IDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII - Procedure 4, GC-EC (Method 8080-SW846)

No.	Component	mg/l Sample	mg/l Blank	% Recovery on Spike *
11	Aldrin	<0.00001	<0.00001	64
63	Chlordane	<0.00005	<0.00005	63
73	Chlorobenzilate	<0.0001	<0.0001	72
100	4,4'-DDD	<0.00002	<0.00002	71
101	4,4'-DDE	<0.00002	<0.00002	61
102	4,4'-DDT	<0.00008	<0.00008	67
137	Dieldrin	<0.00002	<0.00002	68
141	Carbophenothion	<0.0001	<0.0001	72
144	Thionazin	<0.0001	<0.0001	60
174A	Endosulfan I	<0.00005	<0.00005	64
174B	Endosulfan II	<0.00005	<0.00005	73
175	Endrin	<0.00003	<0.00003	76
192	Heptachlor	<0.00002	<0.00002	82
193	Heptachlor expoxide	<0.00002	<0.00002	100
196AA	Alpha-BHC	<0.000008	<0.000008	72
193B	Beta-BHC	<0.00002	<0.00002	92
196C	Gamma-BHC	<0.000008	<0.000008	67
196	Delta-BHC	<0.0001	<0.0001	78
230	Methoxychlor	<0.0003	<0.0003	68
296	Famphur	<0.0001	<0.0001	70
333	Tetraethylpyrophosphate	<0.0001	<0.0001	62
351	Toxaphene	<0.001	<0.001	72
300	PCB	<0.0002	<0.0002	84
214	Kepone	<0.0002	<0.0002	73

* on sample matrix

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, I.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
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REPORT OF ANALYSIS

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The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lal

IDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII - Procedure 4, (Methods 8150 and 8140 -SW846)

---

		mg/l		
No.	Component	Sample	Blank	% Recovery on Spike*
130	2,4D	<0.001	<0.001	67
361	2,4,5-T	<0.0001	<0.0001	73
362	2,4,5-TP (Silvex)	<0.0001	<0.0001	82
149	dimethoate	<0.0005	<0.0005	91
172	disulfoton	<0.0005	<0.0005	94
242	Methyl Parathion	<0.0005	<0.0005	97
283	Parathion	<0.0005	<0.0005	90

* on sample matrix

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, I/C

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

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The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lat

INDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII - Procedure 5, HPLC-U.V. (Method 8330-SW-846)

No.	Component	mg/l Sample	mg/l Blank	% Recovery on Spike**
6	1-Acetyl-2-thiourea	<0.01	<0.01	78
35	Benzidine *	<0.01	<0.01	76
82	1-(o-Chlorophenyl)thiourea	<0.03	<0.03	83
119	3,3' -Dichlorobenzidine *	ND	ND	
14	Diethylstilbesterol	<0.01	<0.01	93
150	3,3' -Dimethoxybenzidine *	ND	ND	
153	3,3' -Dimethylbenzidine *	ND	ND	
181	Ethylenethiourea	<0.02	<0.02	68
221	Maleic hydrazide *	ND	ND	
249	1-Naphthyl-2-thiourea	<0.02	<0.02	72
253	Nicotinic acid *	ND	ND	
260	Nitroglycerin *	ND	ND	
268	N-Nitroso-N-ethylurea	<0.05	<0.05	51
270	N-Nitroso-N-methylurea	<0.05	<0.05	62
292	N-Phenylthiourea	<0.02	<0.02	90
345	Thiourea	<0.01	<0.01	86

* Those compounds also were determined by Method 8270 (Procedure 3).

** of Sample matrix.

ND = Not Detected

James W. Andrews, Ph.D
President
Janette M. Davis
Vice Chemist, I/C

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bruce Peake
The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lab

INDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII, Procedure 6, (Methods - 7551 6010* and 7470 - SW-846)

No.	Component	mg/l Sample	mg/l Blank	% Recovery on Spike
13	Aluminum	3.1	<0.05	97
19	Antimony	<0.01	<0.01	98
21	Arsenic	<0.01	<0.01	92
27	Barium	0.27	<0.05	102
[illegible]	Beryllium	<0.01	<0.01	100
56	Cadmium	<0.002	<0.002	93
57	Calcium	16	0.7	97
84	Chromium	<0.01	<0.01	90
88	Copper	0.05	<0.05	93
210	Iron	2.7	<0.05	96
216	Lead	<0.01	<0.01	88
26	Mercury	<0.0002	<0.0002	93
250	Nickel	<0.01	<0.01	104
280	Osmium	<0.02	<0.02	94
310	Potassium	1.9	0.14	98
314	Selenium	<0.003	<0.003	105
317	Silver	<0.002	<0.002	102
319	Sodium	130	0.21	103
321	Strontium	0.17	<0.05	99
335	Thallium	<0.05	<0.05	93
72	Vanadium	<0.01	<0.05	97
374	Zinc	<0.05	<0.05	98

*In some cases AA-furnace techniques were used in addition to method 6010 in order to obtain lower detection limits and to avoid interferences.
**of sample matrix

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31416-0842
(912) 354-7858

REPORT OF ANALYSIS

TO: Mr. Bruce Peake
The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lab

IDENTIFICATION: Water sample Well 3

METHODS: Appendix VIII - Procedure 7 (Method 9011-SW846)

No.	Component	Sample (mg/l)	Blank	% Recovery on Spike*
92	Cyanide, Total	<0.01	<0.01	97
92	Cyanide, Amenable	<0.01	<0.01	

*of sample matrix

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, V.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

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REPORT OF ANALYSIS

TO: Mr. Bruce Peake
The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah La

IDENTIFICATION: Water sample Well 3

METHODS: Appendix VIII - Procedure 8 (Method 9031-SW846)

No.	Component	Sample mg/l	Blank	% Recovery on Spike*
	Sulfides	0.9	<0.1	93

*of sample matrix

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, V.P.

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REPORT OF ANALYSIS

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The Torrington Co.
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Laboratories

IDENTIFICATION: Water Sample Well 3

METHODS: Appendix VIII - Procedure 9. Adapted Food and Drug Administration Method.

No.	Component	Sample mg/l	Blank	% Recovery on Spike *
188	Formaldehyde	<0.1	<0.1	92
282	Paraldehyde	<0.1	<0.1	87

*of sample matrix

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

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Sylvania, GA 30467

REPORT NO. 1116

DATE RECEIVED 7/24/85

SAMPLED BY T. Nail, Savannah Lab

IDENTIFICATION: Water Sample Well 3

METHODS: Procedure 10 (screening procedures), SW-846, methods 8610 and 8630

Appendix A

Method 8610 - Total Aromatics by UV Absorption:

Both the polar and nonpolar extracts passed this test.

Method 8630 - Derivatization Procedure followed by UV Absorption:

This procedure had to be modified in order to reduce the high blank absorbance (due to benzl chloride). EPA RCRA analytical personnel are aware of this problem.

The methylene chloride extract of the derivatives passed this test.

Appendix B

Analyses for these parameters were not required.

SAMPLE MONITORING
CHAIN OF CUSTODY RECORD

Company Name: Torrington Company

Location: Sylvania

Collector's Name: Tom Nail & Steve Cash Company: Savannah Labs

Date Sampled: 7/24/85

Field Information: Very little water in well. Would not recharge
Teflon
~~Bailer~~ Bailor used

NOTICE: To avoid cross-contamination of preservatives which have been preadded to your sampling containers, please fill any purple color-coded (unpreserved) containers prior to filling any additional color-coded bottles sent to you in this shipment.

Sample Identification	liter glass-purple	trihalomethane	liter plastic gry blue	500 ml plastic-red	100 ml plastic-tan		Depth	Time		Savannah Lab ID#
Well #3	~~6~~ 7	6	1	1	1		12.25'	10:30		2776

Chain of Possession

Thomas J Nail	Savannah Labs	24 July 85
Collector	Company	Date Sampled
Sheila Bryant	Savannah Labs	July 24 1985
Recipient	Savannah Laboratories	Date Received

Address: Sylvania, GA

Date to Ship: 7/24/85 Carrier T. Nail No. of Coolers: 1 Prepared By:

Appendix VIII

liter glass with teflon liner - purple	trihalomethane bottle	liter plastic jug - blue	500 ml plastic - red	100 ml plastic - tan				
6	6	1	1	1				

PLEASE NOTE: Please indicate on the reverse side of this sheet in the appropriate boxes the number of samples of each color or type which have been collected and shipped to us. The number, color or type of sampling containers we have provided you is listed above. The color codes correspond with specific preservatives listed below. (Please handle with caution.) Fill in all the necessary information on the reverse side, sign on the appropriate line, and return this form to us along with the samples.

Other Information: Ship coolers back to Savannah Labs by UPS or Bus - Shipyard Road at Whitfield Ave., Savannah, GA 31406 (912) 354-7858

Color Codes

Dot Color on Bottle	Type of Preservative Added
Green	sulfuric acid
Purple	no preservative
Red	nitric acid
Tan	zinc acetate
Yellow	sodium thiosulfate
Blue	sodium hydroxide

ANALYTICA' ESULTS FOR — Rocky Mountain Analy' l Laboratory

Georgia Environmental Protection Division

'acility Name: RMAL
ample Description: Monitor Well K-1 (MW-10)
ample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected: 9/4/86
Date Tested: 9/16/86

'olatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
\cetonitrile	ND	10	-						
\cetone	ND	10	10						
lenzene	ND	5	5						
lromodichloromethane	ND	5	5						
Methyl Bromide (Bromomethane)	ND	10	10						
'arbon disulfide	ND	5	5						
'hlorobenzene	ND	5	5						
'hlorodibromomethane	ND	5	5						
'hloroethane	ND	10	10						
'hloromethane	ND	10	10						
Chloroethyl vinyl ether	ND	10	10						
'hloroform	ND	5	5						
Chloropropene	ND	5	-						
Chloro-1,3-butadiene	ND	5	-						
,2 Dibromo-3-chloropropane	ND	5	-						
,2 Dibromoethane	ND	5	-						
)ibromomethane	ND	5	-						
,4 Dichloro-2-butene	ND	5	-						
)ichlorodifluoromethane	ND	5	-						
,1 Dichloroethane	ND	5	5						
,2 Dichloroethane	ND	5	5						
rans-1,2-Dichloroethylene	ND	5	5						
,1 Dichloroethylene	18	5	5						
,4-Dioxane	ND	10	-						

ID = Not detected. J = Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTICAL RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

acility Name: RMAL
ample Description: Monitor Well K-1
ample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected: 9/4/86
Date Tested: 9/16/86

olatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
lethylene Chloride (Dichloromethane)	1BJ	5	5						
,2-Dichloropropane	ND	5	5						
is-1,3-Dichloropropene	ND	5	5						
rans-1,3-Dichloropropene	ND	5	5						
thyl benzene	ND	5	5						
-butanone (MEK)	11B	10	10						
odomethane	ND	5	-						
lethacrylonitrile	ND	5	-						
Methyl-2-pentanone	ND	10	10						
entachloroethane*	-	-	-						
tyrene	ND	5	5						
,1,2-Tetrachloroethane	ND	5	-						
,1,2,2-Tetrachloroethane	ND	5	5						
etrachloroethene	ND	5	5						
arbon Tetrachloride	ND	5	5						
oluene	ND	5	5						
romoform (Tribromomethane)	ND	5	5						
,1,2-Trichloroethane	ND	5	5						
,1,1-Trichloroethane	2J	5	5						
richloroethylene (Trichloroethene)	ND	5	5						
richlorofluoromethane	ND	5	-						
,2,3-Trichloropropane	ND	5	-						
inyl acetate	ND	10	10						
inyl chloride	ND	5	5						
ylene (total)	ND	5	5						
thylene Glycol monoethyl ether	ND	50	-						
-Nitropropane	ND	10	-						

ID = Not detected. *Not measurable by this method; measurable as semivolatile.
= Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTIC/ \ESULTS FOR Rocky Mountain Ana al Laboratory

Georgia Environm. .al Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected: 9/4/86
Date Tested: 9/16/86

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Additional Compound									
Chlorobenzene	ND	5	5						
Surrogates									
Toluene-d_8	51	-	-	103					
4-Bromofluorobenzene	51	-	-	102					
1,2-Dichloroethane-d_4	50	-	-	101					
Matrix Spikes									
1,1-Dichloroethene	52	-	-				50	104%	
Trichloroethene	48	-	-				50	96%	
Chlorobenzene	53	-	-				50	106%	
Toluene	51	-	-				50	102%	
Benzene	48	-	-				50	96%	

ND = Not detected.

ANALYTICA[illegible]ESULTS FOR Rocky Mountain Anal[illegible] Laboratory

Georgia Environmental Protection Division

acility Name: RMAL
ample Description: Monitor Well K-1
ample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aldan Ridley
Date Sample Collected: 9/4/86
Date Tested: 9/9/86

olatile Organics (Heated P. & T.)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
crolein	ND	50	-	200	103%				
crylonitrile	ND	50	-	200	104%				
llyl alcohol	ND	50	-	200	99%				
enzylalcohol*	-	-	-	-	-				
Chloropropionitrile*	-	-	-	-	-				
,4 Dioxane	ND	10	-	200	85%				
thylene oxide	NR	-	-	-	-				
thylmethacrylate	ND	10	-	200	125%				
obutyl Alcohol	ND	100	-	200	100%				
Propyn-1-ol	NR	-	-	200	0%				
Malononitrile*	-	-	-	-	-				
Methyl ethyl ketone	15B	10	-	200	105%				
yridine	4BJ	10	-	200	87%				
richloromethanethiol	NM	-	-	-	-				
urrogates									
oluene-D_8	55	-	-	110	-				
Bromofluorobenzene	42	-	-	84	-				
,2-Dichloroethane-D_4	39	-	-	78	-				

ND = Not detected. NM = Not measurable. *Not measurable by this method; measurable as semivolatile.
NR = Not recovered in spike, detection limit cannot be established. B = Compound was found in the blank.

ANALYTIC/ ESULTS FOR Rocky Mountain Ana l Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: 9/4/86
Date Tested: 9/23/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals									
Acenaphthene	ND	10	10						
Acenaphthalene	ND	10	10						
Acetonitrile**	-	-	-						
Acetophenone	ND	10	-						
2 Acetylaminofluorene	ND	20	-						
1-Aminobiphenyl	ND	10	-						
Anthracene	ND	10	10						
Aniline	ND	10	10						
Aramite	ND	20	-						
Benz(a)anthracene	ND	10	10						
Benzenethiol	NR	-	-						
Benzidine	ND	80	80						
Benzo(k)fluoranthene	ND	10	10						
Benzo(b)fluoranthene	ND	10	10						
Benzo(g,h,i)perylene	ND	10	10						
Benzo(a)pyrene	ND	10	10						
p-Benzoquinone	ND	100	-						
Bis(2-Chloroethoxy)methane	ND	10	10						
Bis(2-Chloroethyl)ether	ND	10	10						
Bis(2-Chloroisopropyl)ether	ND	10	10						
Bis(2-ethylhexyl)phthalate	11B	10	10						
4-Bromophenyl phenyl ether	ND	10	10						
Butyl benzyl phthalate	ND	10	10						
2 sec Butyl-4,6-dinitrophenol	ND	20	-						
p-Chloroaniline	ND	10	10						

NR = Not recovered in spike, detection limit cannot be established. ND = Not detected.
**Not measurable by this method, measurable as heated purge and trap volatile.

ANALYTICAL RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received a Matrix Spike? Yes __ No X

Analyst: Kimberly Zills
Date Sample Collected: 9/4/86
Date Tested: 9/23/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals (Cont'd)									
Chlorobenzene*	-	-	-						
o-Dichlorobenzene	ND	10	10						
m-Dichlorobenzene	ND	10	10						
p-Dichlorobenzene	ND	10	10						
4-Chlorophenyl phenyl ether	ND	10	10						
2-Chloronaphthalene	ND	10	10						
Chrysene	ND	10	10						
Dibenz(a,h)anthracene	ND	10	10						
Dibenzofuran	ND	10	10						
Dibenzo(a,e)pyrene	NM	-	-						
Dibenzo(a,h)pyrene	NM	-	-						
Dibenzo(a,i)pyrene	NM	-	-						
Di-n-butyl phthalate	ND	10	10						
3,3'-Dichlorobenzidine	ND	20	20						
3,3'-Dimethoxybenzidine	ND	80	-						
3,3-Dimethylbenzidine	ND	80	-						
Diethyl phthalate	ND	10	10						
p-Dimethylaminoazobenzene	ND	10	-						
7,12-Dimethylbenz(a)anthracene	ND	10	-						
a,a - Dimethylphenethylamine	ND	10	-						
Dimethyl phthalate	ND	10	10						
m-Dinitrobenzene	ND	10	-						
2,4-Dinitrotoluene	ND	10	10						
2,6-Dinitrotoluene	ND	10	10						
Di-n-octyl phthalate	ND	10	10						

*Not measurable by this method; measurable as volatile. ND = Not detected. NM = Not measurable.

ANALYTIC RESULTS FOR Rocky Mountain An al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zili
Date Sample Collected: 9/4/8
Date Tested: 9/23/8

Semi Volatiles (Extractables)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals (Cont'd)									
Diphenylamine	ND	10	10						
1,2 Diphenylhydrazine[a]	ND	10	10						
Di-n-propylnitrosamine	ND	10	10						
Fluoranthene	ND	10	10						
Fluorene	ND	10	10						
Hexachlorobenzene	ND	10	10						
Hexachlorobutadiene	ND	10	10						
Hexachlorocyclopentadiene	ND	10	10						
Hexachloroethane	ND	10	10						
Hexachlorophene	NR	-	-						
Hexachloropropene	ND	20	-						
Indeno(1,2,3-cd)pyrene	ND	10	10						
Isophorone	ND	10	10						
Isosafrole	ND	50	-						
Melphalan	NM	-	-						
Methapyrilene	ND	10	-						
3-Methylcholanthrene	ND	20	-						
4,4-Methylenebis(2-Chloroanaline)	ND	50	-						
Methyl methacrylate	ND	10	-						
Methyl methanesulfonate	ND	10	-						
2-Methylnaphthalene	ND	10	10						
Naphthalene	ND	10	10						
1,4-Naphthoquinone	ND	10	-						
1-Naphthylamine	ND	10	-						
2 Naphthylamine	ND	10	-						

NR = Not recovered in spike, detection limit cannot be established. [a]As azobenzene.
NT = Not on Appendix IX; compound has not been tested. ND = Not detected.
NM = Not measurable

ANALYTICA[illegible] ESULTS FOR Rocky Mountain Anal[illegible] l Laboratory

Georgia Environm[illegible].l Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zili[illegible]
Date Sample Collected: 9/4/86
Date Tested: 9/23/86

Semi-Volatiles (Extractables)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals (Cont'd)									
2 Nitroaniline	ND	50	50						
3 Nitroaniline	ND	50	50						
p-Nitroaniline	ND	50	50						
Nitrobenzene	ND	10	10						
N Nitrosodi-n-butylamine	ND	10	-						
N-Nitrosodiethylamine	ND	10	-						
N-Nitrosodimethylamine	ND	10	10						
N-Nitrosomethylethylamine	ND	10	-						
N Nitrosodiphenylamine[b]	ND	10	10						
N-Nitrosomorpholine	ND	10	-						
N-Nitrosopiperidine	ND	10	-						
N-Nitrosopyrrolidine	ND	10	-						
5 Nitro-o-toluidine	ND	10	-						
Pentachlorobenzene	ND	10	-						
Pentachloronitrobenzene	ND	80	-						
Phenacetin	ND	10	-						
Phenanthrene	ND	10	10						
2-Picoline	ND	10	-						
Pronamide	ND	20	-						
Pyrene	ND	10	10						
Safrole	ND	10	-						
1,2,4,5-Tetrachlorobenzene	ND	10	-						
1,2,4-Trichlorobenzene	ND	10	10						
Tris(2,3 dibromopropyl)phosphate	NM	-	-						

[b] As diphenylamine. ND = Not detected. NM = Not measurable.

ANALYTIC RESULTS FOR Rocky Mountain Ana al Laboratory

Georgia Environm...al Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received a Matrix Spike? Yes __ No X

Analyst: Kimberly Zill
Date Sample Collected: 9/4/86
Date Tested: 9/23/86

Semi Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Additional Compounds									
Benzyl alcohol	ND	10	10						
3 Chloropropionitrile	ND	10	-						
Malononitrile	ND	50	-						
Pentachloroethane	ND	10	-						
Acid Organics									
2 Chlorophenol	ND	10	10						
o-Cresol	ND	10	10						
m/p-Cresol	ND	10	10						
4 Nitrophenol	ND	50	50						
2,4-Dichlorophenol	ND	10	10						
2,6 Dichlorophenol	ND	10	-						
2,4-Dimethylphenol	ND	10	10						
4,6-Dinitro-o-cresol	ND	50	50						
2,4 Dinitrophenol	ND	50	50						
Pentachlorophenol	ND	50	50						
Phenol	ND	10	10						
Resorcinol	ND	10	-						
2,4,5 Trichlorophenol	ND	50	50						
2,4,6 Trichlorophenol	ND	10	10						
2,3,4,6-Tetrachlorophenol	ND	20	-						
2 Nitrophenol**	ND	10	10						
Benzoic acid	ND	50	50						

**Not measurable by this method; measurable as heated purge & trap volatile.
ND = Not detected. J = Tentative value reported below detection limit.

ANALYTIC/ ESULTS FOR Rocky Mountain Ana' il Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received a Matrix Spike? Yes __ No X

Analyst: Kimberly Zills
Date Sample Collected: 9/4/86
Date Tested: 9/23/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Surrogates									
Phenol-D5	71	-	-	71					
2-Fluorophenol	69	-	-	69					
2,4,6-Tribromophenol	38	-	-	38					
1-5 Nitrobenzene	82	-	-	41					
2-Fluorobiphenyl	78	-	-	39					
Terphenyl-D14	109	-	-	54					
Matrix Spikes									
1,2,4-Trichlorobenzene	-	-	-	-					
Acenaphthene	-	-	-	-					
2,4-Dinitrotoluene	-	-	-	-					
Di-n-butyl Phthalate	-	-	-	-					
Pyrene	-	-	-	-					
N-Nitroso-Di-n-Propylamine	-	-	-	-					
1,4-Dichlorobenzene	-	-	-	-					
Pentachlorophenol	-	-	-	-					
Phenol	-	-	-	-					
2-Chlorophenol	-	-	-	-					
4-Chloro-3-Methylphenol	-	-	-	-					
4-Nitrophenol	-	-	-	-					

ANALYTICAL RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received a Matrix Spike? Yes __ No X

Analyst: Hallie Hotchkiss
Date Sample Collected: 9/4/86
Date Tested: 10/4/86

Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Aldrin	ND	0.05	0.05						
Isodrin (aldrin isomer)	ND	0.01	-						
Chlordane	ND	0.5	0.5						
DDD	ND	0.1	0.1						
DDE	ND	0.1	0.1						
DDT	ND	0.1	0.1						
Dieldrin	ND	0.1	0.1						
Thionazin (zinophos)*	NA	NA	NA						
Endosulfan I	ND	0.05	0.05						
Endosulfan II	ND	0.1	0.1						
Endosulfan sulfate	ND	0.1	0.1						
Endrin	ND	0.1	0.1						
Endrin aldehyde	ND	0.1	0.1						
Endrin Ketone	ND	0.1	0.1						
Heptachlor	ND	0.05	0.05						
Heptachlor epoxide	ND	0.05	0.05						
Alpha BHC	ND	0.05	0.05						
Beta BHC	ND	0.05	0.05						
Gamma BHC	ND	0.05	0.05						
Delta BHC	ND	0.05	0.05						
Kepone	ND	0.06	-						
Methoxychlor	ND	0.05	0.05						
Toxaphene	ND	1.0	1.0						
Aroclor 1016	ND	0.5	0.5						
Aroclor 1221	ND	0.5	0.5						
Aroclor 1232	ND	0.5	0.5						
Aroclor 1242	ND	0.5	0.5						
Aroclor 1248	ND	0.5	0.5						
Aroclor 1254	ND	1.0	1.0						
Aroclor 1260	ND	1.0	1.0						

NA = Not analyzed. ND = Not detected. *Measured as an organophosphate.

ANALYTICA ESULTS FOR Rocky Mountain Ana' l Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Hallie Hotchkiss
Date Sample Collected: 9/4/86
Date Tested: 10/4/86

Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Surrogate									
Dibutyl chlorendate	-	-	-	71%					
Matrix Spike									
Lindane	.008	-	-	-	.01	75%			
Heptachlor	.005	-	-	-	.01	50%			
Aldrin	.006	-	-	-	.01	65%			
Dieldrin	.026	-	-	-	.025	104%			
Endrin	.027	-	-	-	.025	108%			
4,4' DDT	.029	-	-	-	.025	116%			
Chlorobenzilate	1.9	-	-	-	2.0	98%			
Kepone	.026	-	-	-	0.1	26%			
Isodrin	.008	-	-	-	.01	80%			

ND = Not detected.

ANALYTIC/ RESULTS FOR Rocky Mountain An/ al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Amy Ballow
Date Sample Collected: 9/4/86
Date Tested: 9/24/86

Herbicides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
2,4-D	ND	0.2	0.5						
2,4,5-T	ND	0.1	0.5						
2,4,5-TP (silvex)	ND	0.1	0.1						
Surrogate									
2,4-DB	-	-	-	57%					
Spike Compounds									
2,4-D	0.16	-	-	-	0.25	64%			
Silvex	0.04	-	-	-	0.05	70%			

ND = Not detected.

ANALYTIC / \ESULTS FOR Rocky Mountain Ana' al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Marilyn Williams
Date Sample Collected: 9/4/86
Date Tested: 9/11/86

Organophosphorus Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Disulfoton	ND	1.0	-						
Methyl Parathion	ND	1.0	-						
Parathion	ND	1.0	0.1						
Sulfotepp (tetraethyl dithiopyrophosphate)	ND	1.0	-						
Famphur (phosphorothioic acid ester)	ND	2.0	-						
Phorate (phosphorodithioc acid ester)	ND	1.0	-						
Dimethoate	ND	2.0	-						
Thionazin	ND	2.0	-						
Spike Compounds									
Dimethoate	8.6	-	-	-	10	86%			
Disulfoton	13	-	-	-	10	130%			
Methyl Parathion	14	-	-	-	10	138%			
Parathion	14	-	-	-	10	140%			
Phorate	13	-	-	-	10	134%			

ND = Not detected.

ANALYTIC RESULTS FOR Rocky Mountain An :al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Analyst: Dave Roberts
Date Sample Collected: 9/4/86
Date Tested: 9/21/86

	Total Metals				Dissolved Metals			
Metals	Conc. ug/L	L.D.L.	Spike %	Blank	Conc. ug/L	L.D.L.	Spike %	Blank
Aluminum	5,200	50			ND	50		
Antimony	ND	2			ND	2		
Arsenic	ND	2			2	2		
Barium	130	5			7	5		
Beryllium	2	1			ND	1		
Cadmium	ND	4			ND	4		
Calcium	3,800	100			3,100	100		
Chromium	ND	5			ND	5		
Cobalt	14	3			7	3		
Copper	15	3			42	3		
Iron	3,200	50			ND	50		
Lead	ND	20			ND	20		
Magnesium	2,000	100			1,200	100		
Manganese	54	5			36	5		
Mercury	ND	0.1			ND	0.1		
Nickel	ND	10			ND	10		
Osmium	ND	50			ND	50		
Phosphorus as P	-	-			-	-		
Potassium	1,400	300			1,400	300		
Selenium	ND	40			ND	40		
Silver	ND	3			ND	3		
Sodium	4,300	50			4,300	50		
Strontium	300	5			11	5		
Thallium	ND	4			ND	4		
Tin	ND	30			ND	30		
Vanadium	11	2			ND	2		
Zinc	20	4			16	4		

ND = Not detected.

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-1
Sample ID #: 61954-09

This sample received
a Matrix Spike? Yes __ No X

Date Sample Collected: 9/4/86

Group	Conc. ug/L	L.D.L.	Spike %	Blank	Analyst	Date Tested
Anions						
Cyanide	ND	10	-	-	Anne Lang	10/2
Sulfide	ND	50	-	-	Lindsey Breyer	9/5
Fluoride	100	100	-	-	Chuck Wibby	9/16
Formaldehyde	ND	100	-	-	Amy Ballow	9/29
Dioxins						
Tetra CDD	ND	0.66	-	-	Robert Mitzel	9/17
Tetra CDF	ND	0.50	-	-	Robert Mitzel	9/17
Penta CDD	ND	2.8	-	-	Robert Mitzel	9/17
Penta CDF	ND	2.8	-	-	Robert Mitzel	9/17
Hexa CDD	ND	2.4	-	-	Robert Mitzel	9/17
Hexa CDF	ND	1.2	-	-	Robert Mitzel	9/17
2,3,7,8 TCDD	ND	0.66	119%*	-	Robert Mitzel	9/17

ND = Not detected. *CL_{37}-TCDD Spike.

ANALYTIC RESULTS FOR Rocky Mountain An :al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2 (MW-12)
Sample ID #: 61954-10

This sample received a Matrix Spike? Yes X No __

Analyst: Aidan Ridley
Date Sample Collected: 9/4/8(
Date Tested: 9/16/8(

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Acetonitrile	ND	10	-						
Acetone	3BJ	10	10						
Benzene	ND	5	5						
Bromodichloromethane	ND	5	5						
Methyl Bromide (Bromomethane)	ND	10	10						
Carbon disulfide	ND	5	5						
Chlorobenzene	ND	5	5						
Chlorodibromomethane	ND	5	5						
Chloroethane	ND	10	10						
Chloromethane	ND	10	10						
2-Chloroethyl vinyl ether	ND	10	10						
Chloroform	ND	5	5						
3-Chloropropene	ND	5	-						
2-Chloro-1,3-butadiene	ND	5	-						
1,2-Dibromo-3-chloropropane	ND	5	-						
1,2-Dibromoethane	ND	5	-						
Dibromomethane	ND	5	-						
1,4-Dichloro-2-butene	ND	5	-						
Dichlorodifluoromethane	ND	5	-						
1,1-Dichloroethane	ND	5	5						
1,2-Dichloroethane	ND	5	5						
trans-1,2-Dichloroethylene	ND	5	5						
1,1-Dichloroethylene	ND	5	5						
1,4-Dioxane	ND	10	-						

ND = Not detected. J = Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTICAL RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received a Matrix Spike? Yes X No __

Analyst: Aidan Ridley
Date Sample Collected: 9/4/86
Date Tested: 9/16/86

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Methylene Chloride (Dichloromethane)	2BJ	5	5						
1,2-Dichloropropane	ND	5	5						
cis-1,3-Dichloropropene	ND	5	5						
trans-1,3-Dichloropropene	ND	5	5						
Ethyl benzene	ND	5	5						
2-butanone (MEK)	10B	10	10						
Iodomethane	ND	5	-						
Methacrylonitrile	ND	5	-						
4-Methyl-2-pentanone	ND	10	10						
Pentachloroethane*	-	-	-						
Styrene	ND	5	5						
1,1,1,2-Tetrachloroethane	ND	5	-						
1,1,2,2-Tetrachloroethane	ND	5	5						
Tetrachloroethene	ND	5	5						
Carbon Tetrachloride	ND	5	5						
Toluene	ND	5	5						
Bromoform (Tribromomethane)	ND	5	5						
1,1,2-Trichloroethane	ND	5	5						
1,1,1-Trichloroethane	ND	5	5						
Trichloroethylene (Trichloroethene)	ND	5	5						
Trichlorofluoromethane	ND	5	-						
1,2,3-Trichloropropane	ND	5	-						
Vinyl acetate	ND	10	10						
Vinyl chloride	ND	5	5						
Xylene (total)	ND	5	5						
Ethylene Glycol monoethyl ether	ND	50	-						
2-Nitropropane	ND	10	-						

ND = Not detected. *Not measurable by this method; measurable as semivolatile.
J = Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTICA ESULTS FOR Rocky Mountain Anal l Laboratory

Georgia Environm..tal Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes X No __

Analyst: Aidan Ridley
Date Sample Collected: 9/4/86
Date Tested: 9/16/86

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Additional Compound									
Chlorobenzene	ND	5	5						
Surrogates									
Toluene-d_8	50	-	-	100					
4-Bromofluorobenzene	50	-	-	100					
1,2-Dichloroethane-d_4	50	-	-	99					
Matrix Spikes									
1,1-Dichloroethene	52	-	-				50	104%	
Trichloroethene	48	-	-				50	96%	
Chlorobenzene	53	-	-				50	106%	
Toluene	51	-	-				50	102%	
Benzene	48	-	-				50	96%	

ND = Not detected.

ANALYTIC RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected: 9/4/8
Date Tested: 9/9/8

Volatile Organics (Heated P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Acrolein	ND	50	-		200	103%			
Acrylonitrile	ND	50	-		200	104%			
Allyl alcohol	ND	50	-		200	99%			
Benzylalcohol*	-	-	-		-	-			
3 Chloropropionitrile*	-	-	-		-	-			
1,4-Dioxane	ND	10	-		200	85%			
Ethylene oxide	NR	-	-		-	-			
Ethylmethacrylate	ND	10	-		200	125%			
Isobutyl Alcohol	ND	100	-		200	100%			
2-Propyn-1-ol	NR	-	-		200	0%			
Malononitrile*	-	-	-		-	-			
Methyl ethyl ketone	18B	10	-		200	105%			
Pyridine	4BJ	10	-		200	87%			
Trichloromethanethiol	NM	-	-		-	-			
Surrogates									
Toluene-D_8	59	-	-	117	-	-			
4-Bromofluorobenzene	42	-	-	83	-	-			
1,2-Dichloroethane-D_4	37	-	-	75	-	-			

ND = Not detected. NM = Not measurable. *Not measurable by this method; measurable as semivolatile.
NR = Not recovered in spike, detection limit cannot be established. B = Compound was found in the blank.

ANALYTIC RESULTS FOR Rocky Mountain Anal Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zill
Date Sample Collected: 9/4/8
Date Tested: 9/23/8

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals									
Acenaphthene	ND	10	10						
Acenaphthalene	ND	10	10						
Acetonitrile**	-	-	-						
Acetophenone	ND	10	-						
2-Acetylaminofluorene	ND	20	-						
4-Aminobiphenyl	ND	10	-						
Anthracene	ND	10	10						
Aniline	ND	10	10						
Aramite	ND	20	-						
Benz(a)anthracene	ND	10	10						
Benzenethiol	NR	-	-						
Benzidine	ND	80	80						
Benzo(k)fluoranthene	ND	10	10						
Benzo(b)fluoranthene	ND	10	10						
Benzo(g,h,i)perylene	ND	10	10						
Benzo(a)pyrene	ND	10	10						
p-Benzoquinone	ND	100	-						
Bis(2-Chloroethoxy)methane	ND	10	10						
Bis(2-Chloroethyl)ether	ND	10	10						
Bis(2-Chloroisopropyl)ether	ND	10	10						
Bis(2-ethylhexyl)phthalate	2JB	10	10						
4-Bromophenyl phenyl ether	ND	10	10						
Butyl benzyl phthalate	ND	10	10						
2-sec-Butyl-4,6-dinitrophenol	ND	20	-						
p-Chloroaniline	ND	10	10						

NR = Not recovered in spike, detection limit cannot be established. ND = Not detected.
**Not measurable by this method, measurable as heated purge and trap volatile.
J = Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTICAL RESULTS FOR

Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zili
Date Sample Collected: 9/4/8
Date Tested: 9/23/8

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup
Base/Neutrals (Cont'd)									
Chlorobenzene*	-	-	-						
o-Dichlorobenzene	ND	10	10						
m-Dichlorobenzene	ND	10	10						
p-Dichlorobenzene	ND	10	10						
4-Chlorophenyl phenyl ether	ND	10	10						
2-Chloronaphthalene	ND	10	10						
Chrysene	ND	10	10						
Dibenz(a,h)anthracene	ND	10	10						
Dibenzofuran	ND	10	10						
Dibenzo(a,e)pyrene	NM	-	-						
Dibenzo(a,h)pyrene	NM	-	-						
Dibenzo(a,i)pyrene	NM	-	-						
Di-n-butyl phthalate	ND	10	10						
3,3'-Dichlorobenzidine	ND	20	20						
3,3'-Dimethoxybenzidine	ND	80	-						
3,3-Dimethylbenzidine	ND	80	-						
Diethyl phthalate	ND	10	10						
p-Dimethylaminoazobenzene	ND	10	-						
7,12-Dimethylbenz(a)anthracene	ND	10	-						
a,a - Dimethylphenethylamine	ND	10	-						
Dimethyl phthalate	ND	10	10						
m-Dinitrobenzene	ND	10	-						
2,4-Dinitrotoluene	ND	10	10						
2,6-Dinitrotoluene	ND	10	10						
Di-n-octyl phthalate	ND	10	10						

*Not measurable by this method; measurable as volatile. ND = Not detected. NM = Not measurable.

ANALYTIC RESULTS FOR Rocky Mountain An: :al Laboratory

Georgia Enviro. .ntal Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zil
Date Sample Collected: 9/4/8
Date Tested: 9/23/8

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup
Base/Neutrals (Cont'd)									
Diphenylamine	ND	10	10						
1,2-Diphenylhydrazine[a]	ND	10	10						
Di-n-propylnitrosamine	ND	10	10						
Fluoranthene	ND	10	10						
Fluorene	ND	10	10						
Hexachlorobenzene	ND	10	10						
Hexachlorobutadiene	ND	10	10						
Hexachlorocyclopentadiene	ND	10	10						
Hexachloroethane	ND	10	10						
Hexachlorophene	NR	-	-						
Hexachloropropene	ND	20	-						
Indeno(1,2,3-cd)pyrene	ND	10	10						
Isophorone	ND	10	10						
Isosafrole	ND	50	-						
Melphalan	NM	-	-						
Methapyrilene	ND	10	-						
3-Methylcholanthrene	ND	20	-						
4,4-Methylenebis(2-Chloroanaline)	ND	50	-						
Methyl methacrylate	ND	10	-						
Methyl methanesulfonate	ND	10	-						
2-Methylnaphthalene	ND	10	10						
Naphthalene	ND	10	10						
1,4-Naphthoquinone	ND	10	-						
1-Naphthylamine	ND	10	-						
2-Naphthylamine	ND	10	-						

NR = Not recovered in spike, detection limit cannot be established. [a]As azobenzene.
NT = Not on Appendix IX; compound has not been tested. ND = Not detected.
NM = Not measurable

ANALYTICA[illegible]ESULTS FOR Rocky Mountain Anal[illegible] Laboratory

Georgia Environ[illegible]tal Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zili
Date Sample Collected: 9/4/8
Date Tested: 9/23/8

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals (Cont'd)									
2-Nitroaniline	ND	50	50						
3-Nitroaniline	ND	50	50						
p-Nitroaniline	ND	50	50						
Nitrobenzene	ND	10	10						
N-Nitrosodi-n-butylamine	ND	10	-						
N-Nitrosodiethylamine	ND	10	-						
N-Nitrosodimethylamine	ND	10	10						
N-Nitrosomethylethylamine	ND	10	-						
N-Nitrosodiphenylamine[b]	ND	10	10						
N-Nitrosomorpholine	ND	10	-						
N-Nitrosopiperidine	ND	10	-						
N-Nitrosopyrrolidine	ND	10	-						
5-Nitro-o-toluidine	ND	10	-						
Pentachlorobenzene	ND	10	-						
Pentachloronitrobenzene	ND	80	-						
Phenacetin	ND	10	-						
Phenanthrene	ND	10	10						
2-Picoline	ND	10	-						
Pronamide	ND	20	-						
Pyrene	ND	10	10						
Safrole	ND	10	-						
1,2,4,5-Tetrachlorobenzene	ND	10	-						
1,2,4-Trichlorobenzene	ND	10	10						
Tris(2,3-dibromopropyl)phosphate	NM	-	-						

[b]As diphenylamine. ND = Not detected. NM = Not measurable.

ANALYTIC/ RESULTS FOR Rocky Mountain Anal l Laboratory

Georgia Environ tal Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: 9/4/86
Date Tested: 9/23/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Additional Compounds									
Benzyl alcohol	ND	10	10						
3-Chloropropionitrile	ND	10	-						
Malononitrile	ND	50	-						
Pentachloroethane	ND	10	-						
Acid Organics									
2-Chlorophenol	ND	10	10						
o-Cresol	ND	10	10						
m/p-Cresol	ND	10	10						
4-Nitrophenol	ND	50	50						
2,4-Dichlorophenol	ND	10	10						
2,6-Dichlorophenol	ND	10	-						
2,4-Dimethylphenol	ND	10	10						
4,6-Dinitro-o-cresol	ND	50	50						
2,4-Dinitrophenol	ND	50	50						
Pentachlorophenol	ND	50	50						
Phenol	ND	10	10						
Resorcinol	ND	10	-						
2,4,5-Trichlorophenol	ND	50	50						
2,4,6-Trichlorophenol	ND	10	10						
2,3,4,6-Tetrachlorophenol	ND	20	-						
2-Nitrophenol**	ND	10	10						
Benzoic acid	ND	50	50						

**Not measurable by this method; measurable as heated purge & trap volatile.
ND = Not detected. J = Tentative value reported below detection limit.

ANALYTIC RESULTS FOR Rocky Mountain Ana al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zill
Date Sample Collected: 9/4/8
Date Tested: 9/23/8

Semi-Volatiles (Extractables)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Surrogates									
Phenol-D5	102	-	-	51					
2-Fluorophenol	90	-	-	45					
2,4,6-Tribromophenol	148	-	-	74					
d-5 Nitrobenzene	64	-	-	64					
2-Fluorobiphenyl	63	-	-	63					
Terphenyl-D14	43	-	-	43					
Matrix Spikes									
1,2,4-Trichlorobenzene	-	-	-	-					
Acenaphthene	-	-	-	-					
2,4-Dinitrotoluene	-	-	-	-					
Di-n-butyl Phthalate	-	-	-	-					
Pyrene	-	-	-	-					
N-Nitroso-Di-n-Propylamine	-	-	-	-					
1,4-Dichlorobenzene	-	-	-	-					
Pentachlorophenol	-	-	-	-					
Phenol	-	-	-	-					
2-Chlorophenol	-	-	-	-					
4-Chloro-3-Methylphenol	-	-	-	-					
4-Nitrophenol	-	-	-	-					

ANALYTIC/ RESULTS FOR Rocky Mountain Ana' l Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Hallie Hotchkis
Date Sample Collected: 9/4/8
Date Tested: 10/2/8

Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Aldrin	ND	0.05	0.05						
Isodrin (aldrin isomer)	ND	0.01	-						
Chlordane	ND	0.5	0.5						
DDD	ND	0.1	0.1						
DDE	ND	0.1	0.1						
DDT	ND	0.1	0.1						
Dieldrin	ND	0.1	0.1						
Thionazin (zinophos)*	-	-	-						
Endosulfan I	ND	0.05	0.05						
Endosulfan II	ND	0.1	0.1						
Endosulfan sulfate	ND	0.1	0.1						
Endrin	ND	0.1	0.1						
Endrin aldehyde	ND	0.1	0.1						
Endrin Ketone	ND	0.1	0.1						
Heptachlor	ND	0.05	0.05						
Heptachlor epoxide	ND	0.05	0.05						
Alpha BHC	ND	0.05	0.05						
Beta BHC	ND	0.05	0.05						
Gamma BHC	ND	0.05	0.05						
Delta BHC	ND	0.05	0.05						
Kepone	ND	0.06	-						
Methoxychlor	ND	0.05	0.05						
Toxaphene	ND	1.0	1.0						
Aroclor 1016	ND	0.5	0.5						
Aroclor 1221	ND	0.5	0.5						
Aroclor 1232	ND	0.5	0.5						
Aroclor 1242	ND	0.5	0.5						
Aroclor 1248	ND	0.5	0.5						
Aroclor 1254	ND	1.0	1.0						
Aroclor 1260	ND	1.0	1.0						

NA = Not analyzed. ND = Not detected. *Measured as an organophosphate.

ANALYTICA[illegible]ESULTS FOR Rocky Mountain Anal[illegible]l Laboratory

Georgia Environ[illegible]tal Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Hallie Hotchkis
Date Sample Collected: 9/4/86
Date Tested: 10/2/86

Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Surrogate									
Dibutyl chlorendate	-	-	-	56%					
Matrix Spike									
Lindane	.008	-	-	-	.01	75%			
Heptachlor	.005	-	-	-	.01	50%			
Aldrin	.006	-	-	-	.01	65%			
Dieldrin	.026	-	-	-	.025	104%			
Endrin	.027	-	-	-	.025	108%			
4,4'-DDT	.029	-	-	-	.025	116%			
Chlorobenzilate	1.9	-	-	-	2.0	98%			
Kepone	.026	-	-	-	0.1	26%			
Isodrin	.008		-	-	.01	80%			

ND = Not detected.

ANALYTICAL RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received a Matrix Spike? Yes __ No X

Analyst: Amy Ballow
Date Sample Collected: 9/4/8
Date Tested: 9/24/8

Herbicides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
2,4-D	ND	0.2	0.5						
2,4,5-T	ND	0.1	0.5						
2,4,5-TP (silvex)	ND	0.1	0.1						
Surrogate									
2,4-DB	-	-	-	55%					
Spike Compounds									
2,4-D	0.16	-	-	-	0.25	64%			
Silvex	0.04	-	-	-	0.05	70%			

ND = Not detected.

ANALYTIC/ RESULTS FOR Rocky Mountain Ana' al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Marilyn Williams
Date Sample Collected: 9/4/86
Date Tested: 9/11/86

Organophosphorus Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Disulfoton	ND	1.0	-						
Methyl Parathion	ND	1.0	-						
Parathion	ND	1.0	0.1						
Sulfotepp (tetraethyl dithiopyrophosphate)	ND	1.0	-						
Famphur (phosphorothioic acid ester)	ND	2.0	-						
Phorate (phosphorodithioc acid ester)	ND	1.0	-						
Dimethoate	ND	2.0	-						
Thionazin	ND	2.0	-						
Spike Compounds									
Dimethoate	8.6	-	-	-	10	86%			
Disulfoton	13	-	-	-	10	130%			
Methyl Parathion	14	-	-	-	10	138%			
Parathion	14	-	-	-	10	140%			
Phorate	13	-	-	-	10	134%			

ND = Not detected.

ANALYTIC RESULTS FOR Rocky Mountain An cal Laboratory

Georgia Environ. atal Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954-10

This sample received
a Matrix Spike? Yes __ No X

Analyst: Dave Robert
Date Sample Collected: 9/4/8
Date Tested: 9/21/8

	Total Metals				Dissolved Metals			
Metals	Conc. ug/L	L.D.L.	Spike %	Blank	Conc. ug/L	L.D.L.	Spike %	Blank
Aluminum	11,000	50			ND	50		
Antimony	ND	2			ND	2		
Arsenic	ND	2			2	2		
Barium	270	5			ND	5		
Beryllium	2	1				1		
Cadmium	ND	4			ND	4		
Calcium	9,600	100			ND	100		
Chromium	19	5			6,400	5		
Cobalt	17	3			ND	3		
Copper	14	3			18	3		
Iron	6,900	50			ND	50		
Lead	ND	20			ND	20		
Magnesium	3,000	100			1,700	100		
Manganese	78	5			33	5		
Mercury	ND	0.1			ND	0.1		
Nickel	ND	10			ND	10		
Osmium	ND	50			ND	50		
Phosphorus as P	-	-			-	-		
Potassium	2,500	300			2,200	300		
Selenium	ND	40			ND	40		
Silver	ND	3			ND	3		
Sodium	10,000	50			15,000	50		
Strontium	180	5			70	5		
Thallium	ND	4			ND	4		
Tin	ND	30			ND	30		
Vanadium	16	2			ND	2		
Zinc	36	4			7	4		

ND = Not detected.

ANALYTICAL RESULTS FOR

Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Monitor Well K-2
Sample ID #: 61954 10

This sample received a Matrix Spike? Yes __ No X

Date Sample Collected: 9/4/86

Group	Conc. ug/L	L.D.L.	Spike %	Blank	Analyst	Date Tested
Anions						
Cyanide	ND	10	-	-	Anne Lang	10/2
Sulfide	ND	50	-	-	Lindsey Breyer	9/5
Fluoride	200	100	-	-	Chuck Wibby	9/16
Formaldehyde	ND	100	-	-	Amy Billow	9/29
Dioxins						
Tetra CDD	ND	1.2	-	-	Robert Mitzel	9/17
Tetra CDF	ND	0.83	-	-	Robert Mitzel	9/17
Penta CDD	ND	8.6	-	-	Robert Mitzel	9/17
Penta CDF	ND	5.5	-	-	Robert Mitzel	9/17
Hexa CDD	ND	4.8	-	-	Robert Mitzel	9/17
Hexa CDF	ND	2.4	-	-	Robert Mitzel	9/17
2,3,7,8 TCDD	ND	1.2	101%*	-	Robert Mitzel	9/17

ND - Not detected. *Cl_{37}-TCDD Spike.

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected:
Date Tested: 9/15/86

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Acetonitrile	ND	10	-						
Acetone	8BJ	10	10						
Benzene	ND	5	5						
Bromodichloromethane	ND	5	5						
Methyl Bromide (Bromomethane)	ND	10	10						
Carbon disulfide	ND	5	5						
Chlorobenzene	ND	5	5						
Chlorodibromomethane	ND	5	5						
Chloroethane	ND	10	10						
Chloromethane	ND	10	10						
2-Chloroethyl vinyl ether	ND	10	10						
Chloroform	ND	5	5						
3-Chloropropene	ND	5	-						
2-Chloro-1,3-butadiene	ND	5	-						
1,2-Dibromo-3-chloropropane	ND	5	-						
1,2-Dibromoethane	ND	5	-						
Dibromomethane	ND	5	-						
1,4-Dichloro-2-butene	ND	5	-						
Dichlorodifluoromethane	ND	5	-						
1,1-Dichloroethane	ND	5	5						
1,2-Dichloroethane	ND	5	5						
trans-1,2-Dichloroethylene	ND	5	5						
1,1-Dichloroethylene	ND	5	5						
1,4-Dioxane	ND	10	-						

ND = Not detected. J = Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTIC RESULTS FOR Rocky Mountain Ana al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected:
Date Tested: 9/15/86

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Methylene Chloride (Dichloromethane)	2BJ	5	5						
1,2-Dichloropropane	ND	5	5						
cis-1,3-Dichloropropene	ND	5	5						
trans-1,3-Dichloropropene	ND	5	5						
Ethyl benzene	ND	5	5						
2-butanone (MEK)	15BJ	10	10						
Iodomethane	ND	5	-						
Methacrylonitrile	ND	5	-						
4-Methyl-2-pentanone	ND	10	10						
Pentachloroethane*	-	-	-						
Styrene	ND	5	5						
1,1,1,2-Tetrachloroethane	ND	5	-						
1,1,2,2-Tetrachloroethane	ND	5	5						
Tetrachloroethene	ND	5	5						
Carbon Tetrachloride	ND	5	5						
Toluene	ND	5	5						
Bromoform (Tribromomethane)	ND	5	5						
1,1,2-Trichloroethane	ND	5	5						
1,1,1-Trichloroethane	ND	5	5						
Trichloroethylene (Trichloroethene)	ND	5	5						
Trichlorofluoromethane	ND	5	-						
1,2,3-Trichloropropane	ND	5	-						
Vinyl acetate	ND	10	10						
Vinyl chloride	ND	5	5						
Xylene (total)	ND	5	5						
Ethylene Glycol monoethyl ether	ND	50	-						
2-Nitropropane	ND	10	-						

ND = Not detected. *Not measurable by this method; measurable as semivolatile.
J = Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTICAL RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected:
Date Tested: 9/15/8(

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Additional Compound									
Chlorobenzene	ND	5	5						
Surrogates									
Toluene-d_8	49	-	-	98					
4-Bromofluorobenzene	48	-	-	96					
1,2-Dichloroethane-d_4	47	-	-	95					
Matrix Spikes									
1,1-Dichloroethene	52	-	-				50	104%	
Trichloroethene	48	-	-				50	96%	
Chlorobenzene	53	-	-				50	106%	
Toluene	51	-	-				50	102%	
Benzene	48	-	-				50	96%	

ND = Not detected.

ANALYTIC RESULTS FOR Rocky Mountain An: :al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected:
Date Tested: 9/8/86

Volatile Organics (Heated P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Acrolein	ND	50	-		200	103%			
Acrylonitrile	ND	50	-		200	104%			
Allyl alcohol	ND	50	-		200	99%			
Benzylalcohol*	-	-	-		-	-			
3-Chloropropionitrile*	-	-	-		-	-			
1,4-Dioxane	ND	10	-		200	85%			
Ethylene oxide	NR	-	-		-	-			
Ethylmethacrylate	ND	10	-		200	125%			
Isobutyl Alcohol	ND	100	-		200	100%			
2-Propyn-1-ol	NR	-	-		200	0%			
Malononitrile*	-	-	-		-	-			
Methyl ethyl ketone	38B	10	-		200	105%			
Pyridine	18B	10	-		200	87%			
Trichloromethanethiol	NM	-	-		-	-			
Surrogates									
Toluene-D_8		-	-		-	-			
4-Bromofluorobenzene		-	-		-	-			
1,2-Dichloroethane-D_4		-	-		-	-			

ND = Not detected. NM = Not measurable. *Not measurable by this method; measurable as semivolatile.
NR = Not recovered in spike, detection limit cannot be established. B = Compound was found in the blank.

ANALYTICAL RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: -
Date Tested: 9/22/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals									
Acenaphthene	ND	10	10						
Acenaphthalene	ND	10	10						
Acetonitrile**	-	-	-						
Acetophenone	ND	10	-						
2-Acetylaminofluorene	ND	20	-						
4-Aminobiphenyl	ND	10	-						
Anthracene	ND	10	10						
Aniline	ND	10	10						
Aramite	ND	20	-						
Benz(a)anthracene	ND	10	10						
Benzenethiol	NR	-	-						
Benzidine	ND	80	80						
Benzo(k)fluoranthene	ND	10	10						
Benzo(b)fluoranthene	ND	10	10						
Benzo(g,h,i)perylene	ND	10	10						
Benzo(a)pyrene	ND	10	10						
p-Benzoquinone	ND	100	-						
Bis(2-Chloroethoxy)methane	ND	10	10						
Bis(2-Chloroethyl)ether	ND	10	10						
Bis(2-Chloroisopropyl)ether	ND	10	10						
Bis(2-ethylhexyl)phthalate	ND	10	10						
4-Bromophenyl phenyl ether	ND	10	10						
Butyl benzyl phthalate	ND	10	10						
2-sec-Butyl-4,6-dinitrophenol	ND	20	-						
p-Chloroaniline	ND	10	10						

NR = Not recovered in spike, detection limit cannot be established. ND = Not detected.
**Not measurable by this method, measurable as heated purge and trap volatile.

ANALYTICA[illegible]ESULTS FOR Rocky Mountain Anal[illegible]l Laboratory

Georgia Environme[illegible]l Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: -
Date Tested: 9/22/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals (Cont'd)									
Chlorobenzene*	-	-	-						
o-Dichlorobenzene	ND	10	10						
m-Dichlorobenzene	ND	10	10						
p-Dichlorobenzene	ND	10	10						
4-Chlorophenyl phenyl ether	ND	10	10						
2-Chloronaphthalene	ND	10	10						
Chrysene	ND	10	10						
Dibenz(a,h)anthracene	ND	10	10						
Dibenzofuran	ND	10	10						
Dibenzo(a,e)pyrene	NM	-	-						
Dibenzo(a,h)pyrene	NM	-	-						
Dibenzo(a,i)pyrene	NM	-	-						
Di-n-butyl phthalate	ND	10	10						
3,3'-Dichlorobenzidine	ND	20	20						
3,3'-Dimethoxybenzidine	ND	80	-						
3,3-Dimethylbenzidine	ND	80	-						
Diethyl phthalate	ND	10	10						
p-Dimethylaminoazobenzene	ND	10	-						
7,12-Dimethylbenz(a)anthracene	ND	10	-						
a,a - Dimethylphenethylamine	ND	10	-						
Dimethyl phthalate	ND	10	10						
m-Dinitrobenzene	ND	10	-						
2,4-Dinitrotoluene	ND	10	10						
2,6-Dinitrotoluene	ND	10	10						
Di-n-octyl phthalate	ND	10	10						

*Not measurable by this method; measurable as volatile. ND = Not detected. NM = Not measurable.

ANALYTIC/ ESULTS FOR Rocky Mountain Ana' al Laboratory

Georgia Environme..tal Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: -
Date Tested: 9/22/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals (Cont'd)									
Diphenylamine	ND	10	10						
1,2-Diphenylhydrazine[a]	ND	10	10						
Di-n-propylnitrosamine	ND	10	10						
Fluoranthene	ND	10	10						
Fluorene	ND	10	10						
Hexachlorobenzene	ND	10	10						
Hexachlorobutadiene	ND	10	10						
Hexachlorocyclopentadiene	ND	10	10						
Hexachloroethane	ND	10	10						
Hexachlorophene	NR	-	-						
Hexachloropropene	ND	20	-						
Indeno(1,2,3-cd)pyrene	ND	10	10						
Isophorone	ND	10	10						
Isosafrole	ND	50	-						
Melphalan	NM	-	-						
Methapyrilene	ND	10	-						
3-Methylcholanthrene	ND	20	-						
4,4-Methylenebis(2-Chloroanaline)	ND	50	-						
Methyl methacrylate	ND	10	-						
Methyl methanesulfonate	ND	10	-						
2-Methylnaphthalene	ND	10	10						
Naphthalene	ND	10	10						
1,4-Naphthoquinone	ND	10	-						
1-Naphthylamine	ND	10	-						
2-Naphthylamine	ND	10	-						

NR = Not recovered in spike, detection limit cannot be established. [a]As azobenzene.
NM = Not measurable. ND = Not detected.

ANALYTICA' ESULTS FOR Rocky Mountain Analy Laboratory

Georgia Environme. .l Protection Division

'acility Name: RMAL
ample Description: Method Blank #1
ample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: -
Date Tested: 9/22/86

emi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
ase/Neutrals (Cont'd)									
-Nitroaniline	ND	50	50						
-Nitroaniline	ND	50	50						
-Nitroaniline	ND	50	50						
itrobenzene	ND	10	10						
-Nitrosodi-n-butylamine	ND	10	-						
-Nitrosodiethylamine	ND	10	-						
-Nitrosodimethylamine	ND	10	10						
-Nitrosomethylethylamine	ND	10	-						
-Nitrosodiphenylamine[b]	ND	10	10						
-Nitrosomorpholine	ND	10	-						
-Nitrosopiperidine	ND	10	-						
-Nitrosopyrrolidine	ND	10	-						
-Nitro-o-toluidine	ND	10	-						
entachlorobenzene	ND	10	-						
entachloronitrobenzene	ND	80	-						
henacetin	ND	10	-						
henanthrene	ND	10	10						
-Picoline	ND	10	-						
ronamide	ND	20	-						
yrene	ND	10	10						
afrole	ND	10	-						
,2,4,5-Tetrachlorobenzene	ND	10	-						
,2,4-Trichlorobenzene	ND	10	10						
ris(2,3-dibromopropyl)phosphate	NM	-	-						

[b]As diphenylamine. ND = Not detected. NM = Not measurable.

ANALYTIC RESULTS FOR Rocky Mountain An :al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zili
Date Sample Collected:
Date Tested: 9/22/8

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Additional Compounds									
Benzyl alcohol	ND	10	10						
3-Chloropropionitrile	ND	10	-						
Malononitrile	ND	50	-						
Pentachloroethane	ND	10	-						
Acid Organics									
2-Chlorophenol	ND	10	10						
o-Cresol	ND	10	10						
m/p-Cresol	ND	10	10						
4-Nitrophenol	ND	50	50						
2,4-Dichlorophenol	ND	10	10						
2,6-Dichlorophenol	ND	10	-						
2,4-Dimethylphenol	ND	10	10						
4,6-Dinitro-o-cresol	ND	50	50						
2,4-Dinitrophenol	ND	50	50						
Pentachlorophenol	ND	50	50						
Phenol	ND	10	10						
Resorcinol	ND	10	-						
2,4,5-Trichlorophenol	ND	50	50						
2,4,6-Trichlorophenol	ND	10	10						
2,3,4,6-Tetrachlorophenol	ND	20	-						
2-Nitrophenol**	ND	10	10						
Benzoic acid	ND	50	50						

**Not measurable by this method; measurable as heated purge & trap volatile.
ND = Not detected. J = Tentative value reported below detection limit.

ANALYTICAL RESULTS FOR Rocky Mountain Analy' Laboratory

Georgia Environmental Protection Division

acility Name: RMAL
ample Description: Method Blank #1
ample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: -
Date Tested: 9/22/86

emi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
urrogates									
henol-D_5	95	-	-	48					
Fluorophenol	94	-	-	47					
,4,6-Tribromophenol	127	-	-	64					
5 Nitrobenzene	69	-	-	69					
Fluorobiphenyl	64	-	-	64					
erphenyl-D_{14}	77	-	-	77					
latrix Spikes									
,2,4-Trichlorobenzene	-	-	-	-					
cenaphthene	-	-	-	-					
,4-Dinitrotoluene	-	-	-	-					
i-n-butyl Phthalate	-	-	-	-					
yrene	-	-	-	-					
-Nitroso-Di-n-Propylamine	-	-	-	-					
,4-Dichlorobenzene	-	-	-	-					
entachlorophenol	-	-	-	-					
henol	-	-	-	-					
-Chlorophenol	-	-	-	-					
Chloro-3-Methylphenol	-	-	-	-					
Nitrophenol	-	-	-	-					

ANALYTICA ESULTS FOR Rocky Mountain Anal I Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Hallie Hotchkis
Date Sample Collected:
Date Tested: 10/4/86

Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Aldrin	ND	0.05	0.05						
Isodrin (aldrin isomer)	ND	0.01	-						
Chlordane	ND	0.5	0.5						
DDD	ND	0.1	0.1						
DDE	ND	0.1	0.1						
DDT	ND	0.1	0.1						
Dieldrin	ND	0.1	0.1						
Thionazin (zinophos)*	-	-	-						
Endosulfan I	ND	0.05	0.05						
Endosulfan II	ND	0.1	0.1						
Endosulfan sulfate	ND	0.1	0.1						
Endrin	ND	0.1	0.1						
Endrin aldehyde	ND	0.1	0.1						
Endrin Ketone	ND	0.1	0.1						
Heptachlor	ND	0.05	0.05						
Heptachlor epoxide	ND	0.05	0.05						
Alpha BHC	ND	0.05	0.05						
Beta BHC	ND	0.05	0.05						
Gamma BHC	ND	0.05	0.05						
Delta BHC	ND	0.05	0.05						
Kepone	ND	0.06	-						
Methoxychlor	ND	0.05	0.05						
Toxaphene	ND	1.0	1.0						
Aroclor 1016	ND	0.5	0.5						
Aroclor 1221	ND	0.5	0.5						
Aroclor 1232	ND	0.5	0.5						
Aroclor 1242	ND	0.5	0.5						
Aroclor 1248	ND	0.5	0.5						
Aroclor 1254	ND	1.0	1.0						
Aroclor 1260	ND	1.0	1.0						

NA = Not analyzed. ND = Not detected. *Measured as an organophosphate.

ANALYTICAL RESULTS FOR

Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Hallie Hotchkiss
Date Sample Collected: -
Date Tested: 10/4/86

Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Surrogate									
Dibutyl chlorendate	-	-	-	86					
Matrix Spike									
Lindane	-	-	-						
Heptachlor	-	-	-						
Aldrin	-	-	-						
Dieldrin	-	-	-						
Endrin	-	-	-						
4,4'-DDT	-	-	-						

ND = Not detected.

ANALYTIC RESULTS FOR Rocky Mountain An :al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Diane Lowr
Date Sample Collected:
Date Tested: 10/2/8

Herbicides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup
2,4-D	ND	0.2	0.5						
2,4,5-T	ND	0.1	0.5						
2,4,5-TP (silvex)	ND	0.1	0.1						
Surrogate									
2,4-DB	-	-	-	88					

ND = Not detected.

ANALYTIC RESULTS FOR Rocky Mountain An 'cal Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Marilyn William:
Date Sample Collected:
Date Tested: 9/11/8(

Organophosphorus Pesticides	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Disulfoton	ND	1.0	-						
Methyl Parathion	ND	1.0	-						
Parathion	ND	1.0	0.1						
Sulfotepp (tetraethyl dithiopyrophosphate)	ND	1.0	-						
Famphur (phosphorothioic acid ester)	ND	2.0	-						
Phorate (phosphorodithioc acid ester)	ND	1.0	-						
Dimethoate	ND	2.0	-						
Thionazin	ND	2.0	-						
Spike Compounds									
Dimethoate	8.6	-	-	-	10	86%			
Disulfoton	13	-	-	-	10	130%			
Methyl Parathion	14	-	-	-	10	138%			
Parathion	14	-	-	-	10	140%			
Phorate	13	-	-	-	10	134%			

ND = Not detected.

ANALYTIC/ :ESULTS FOR

Rocky Mountain Ana al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Analyst: Dave Roberts
Date Sample Collected: -
Date Tested: 9/21/86

	Total Metals				Dissolved Metals			
Metals	Conc. ug/L	L.D.L.	Spike %	Blank	Conc. ug/L	L.D.L.	Spike %	Blank
Aluminum	ND	50			ND	50		
Antimony	ND	2			ND	2		
Arsenic	ND	2			ND	2		
Barium	ND	5			ND	5		
Beryllium	ND	1			ND	1		
Cadmium	ND	4			ND	4		
Calcium	ND	100			ND	100		
Chromium	ND	5			ND	5		
Cobalt	ND	3			ND	3		
Copper	ND	3			ND	3		
Iron	ND	50			ND	50		
Lead	ND	20			ND	20		
Magnesium	ND	100			ND	100		
Manganese	ND	5			ND	5		
Mercury	ND	0.1			ND	0.1		
Nickel	ND	10			ND	10		
Osmium	ND	50			ND	50		
Phosphorus as P	-	-			-	-		
Potassium	ND	300			ND	300		
Selenium	ND	40			ND	40		
Silver	ND	3			ND	3		
Sodium	ND	50			ND	50		
Strontium	ND	5			ND	5		
Thallium	ND	4			ND	4		
Tin	ND	30			ND	30		
Vanadium	ND	2			ND	2		
Zinc	ND	4			ND	4		

ND = Not detected.

ANALYTIC/ RESULTS FOR Rocky Mountain Ana' al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #1
Sample ID #: 61954-MB1

This sample received
a Matrix Spike? Yes __ No X

Date Sample Collected:

Group	Conc. ug/L	L.D.L.	Spike %	Blank	Analyst	Date Tested
Anions						
Cyanide	ND	10	-	-	Anne Lang	10/2/86
Sulfide	ND	50	-	-	Lindsey Breyer	9/5/86
Fluoride	ND	100	-	-	Chuck Wibby	9/16/86
Formaldehyde	ND	100	-	-	Amy Ballow	9/29/86
Dioxins						
Tetra CDD	ND	.60	-	-	Robert Mitzel	9/17/86
Tetra CDF	ND	.35	-	-	Robert Mitzel	9/17/86
Penta CDD	ND	2.0	-	-	Robert Mitzel	9/17/86
Penta CDF	ND	2.4	-	-	Robert Mitzel	9/17/86
Hexa CDD	ND	1.5	-	-	Robert Mitzel	9/17/86
Hexa CDF	ND	0.85	-	-	Robert Mitzel	9/17/86
2,3,7,8 TCDD	ND	0.60	88%*	-	Robert Mitzel	9/17/86

ND = Not detected. *Cl_{37}-TCDD Spike.

ANALYTIC RESULTS FOR Rocky Mountain Anal Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected:
Date Tested: 9/16/8

Volatile Organics (P. & T.)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup
Acetonitrile	ND	10	-						
Acetone	8BJ	10	10						
Benzene	ND	5	5						
Bromodichloromethane	ND	5	5						
Methyl Bromide (Bromomethane)	ND	10	10						
Carbon disulfide	ND	5	5						
Chlorobenzene	ND	5	5						
Chlorodibromomethane	ND	5	5						
Chloroethane	ND	10	10						
Chloromethane	ND	10	10						
2-Chloroethyl vinyl ether	ND	10	10						
Chloroform	ND	5	5						
3-Chloropropene	ND	5	-						
2-Chloro-1,3-butadiene	ND	5	-						
1,2-Dibromo-3-chloropropane	ND	5	-						
1,2-Dibromoethane	ND	5	-						
Dibromomethane	ND	5	-						
1,4-Dichloro-2-butene	ND	5	-						
Dichlorodifluoromethane	ND	5	-						
1,1-Dichloroethane	ND	5	5						
1,2-Dichloroethane	ND	5	5						
trans-1,2-Dichloroethylene	ND	5	5						
1,1-Dichloroethylene	ND	5	5						
1,4-Dioxane	ND	10	-						

ND = Not detected. J = Tentative value reported below detection limit. B = Compound was found in the blank.

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aldan Ridley
Date Sample Collected:
Date Tested: 9/6/8

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Methylene Chloride (Dichloromethane)	2BJ	5	5						
1,2-Dichloropropane	ND	5	5						
cis-1,3-Dichloropropene	ND	5	5						
trans-1,3-Dichloropropene	ND	5	5						
Ethyl benzene	ND	5	5						
2 butanone (MEK)	15B	10	10						
Iodomethane	ND	5	-						
Methacrylonitrile	ND	5	-						
4-Methyl-2-pentanone	ND	10	10						
Pentachloroethane*	-	-	-						
Styrene	ND	5	5						
1,1,1,2-Tetrachloroethane	ND	5	-						
1,1,2,2-Tetrachloroethane	ND	5	5						
Tetrachloroethene	ND	5	5						
Carbon Tetrachloride	ND	5	5						
Toluene	ND	5	5						
Bromoform (Tribromomethane)	ND	5	5						
1,1,2-Trichloroethane	ND	5	5						
1,1,1-Trichloroethane	ND	5	5						
Trichloroethylene (Trichloroethene)	ND	5	5						
Trichlorofluoromethane	ND	5	-						
1,2,3 Trichloropropane	ND	5	-						
Vinyl acetate	ND	10	10						
Vinyl chloride	ND	5	5						
Xylene (total)	ND	5	5						
Ethylene Glycol monoethyl ether	ND	50	-						
2-Nitropropane	ND	10	-						

ND = Not detected. *Not measurable by this method; measurable as semivolatile.
J = Tentative value reported below detection limit. B = Compound was found in the blank.

ANALYTIC. RESULTS FOR Rocky Mountain Ana l Laboratory

Georgia Environm.t. Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received
a Matrix Spike? Yes __ No X

Analyst: Aidan Ridley
Date Sample Collected:
Date Tested: 9/16/8

Volatile Organics (P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Additional Compound									
Chlorobenzene	ND	5	5						
Surrogates									
Toluene-d_8	50	-	-	101					
1 Bromofluorobenzene	50	-	-	100					
1,2-Dichloroethane-d_4	48	-	-	97					
Matrix Spikes									
1,1-Dichloroethene	52	-	-				50	104%	
Trichloroethene	48	-	-				50	96%	
Chlorobenzene	53	-	-				50	106%	
Toluene	51	-	-				50	102%	
Benzene	48	-	-				50	96%	

ND = Not detected.

ANALYTIC RESULTS FOR Rocky Mountain An al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-02

This sample received a Matrix Spike? Yes __ No X

Analyst: Aldan Ridle
Date Sample Collected:
Date Tested: 9/8/8

Volatile Organics (Heated P. & T.)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup
Acrolein	ND	50	-		200	103%			
Acrylonitrile	ND	50	-		200	104%			
Allyl alcohol	ND	50	-		200	99%			
Benzylalcohol*	-	-	-		-	-			
3-Chloropropionitrile*	-	-	-		-	-			
1,4-Dioxane	ND	10	-		200	85%			
Ethylene oxide	NR	-	-		-	-			
Ethylmethacrylate	ND	10	-		200	125%			
Isobutyl Alcohol	3B	100	-		200	100%			
2-Propyn-1-ol	NR	-	-		200	0%			
Malononitrile*	-	-	-		-	-			
Methyl ethyl ketone	15B	10	-		200	105%			
Pyridine	22B	10	-		200	87%			
Trichloromethanethiol	NM	-	-		-	-			
Surrogates									
Toluene-D_8	60	-	-	120	-	-			
4-Bromofluorobenzene	44	-	-	88	-	-			
1,2-Dichloroethane-D_4	38	-	-	75	-	-			

ND = Not detected. NM = Not measurable. *Not measurable by this method; measurable as semivolatile.
NR = Not recovered in spike, detection limit cannot be established. B = Compound was found in the blank.

ANALYTIC/ RESULTS FOR Rocky Mountain Ana' al Laboratory

Georgia Environmen.. Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zilis
Date Sample Collected: -
Date Tested: 9/23/86

Semi-Volatiles (Extractables)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals									
Acenaphthene	ND	10	10						
Acenaphthalene	ND	10	10						
Acetonitrile**	-	-	-						
Acetophenone	ND	10	-						
2-Acetylaminofluorene	ND	20	-						
4-Aminobiphenyl	ND	10	-						
Anthracene	ND	10	10						
Aniline	ND	10	10						
Aramite	ND	20	-						
Benz(a)anthracene	ND	10	10						
Benzenethiol	NR	-	-						
Benzidine	ND	80	80						
Benzo(k)fluoranthene	ND	10	10						
Benzo(b)fluoranthene	ND	10	10						
Benzo(g,h,i)perylene	ND	10	10						
Benzo(a)pyrene	ND	10	10						
p-Benzoquinone	ND	100	-						
Bis(2-Chloroethoxy)methane	ND	10	10						
Bis(2-Chloroethyl)ether	ND	10	10						
Bis(2-Chloroisopropyl)ether	ND	10	10						
Bis(2-ethylhexyl)phthalate	3BJ	10	10						
4-Bromophenyl phenyl ether	ND	10	10						
Butyl benzyl phthalate	ND	10	10						
2-sec-Butyl-4,6-dinitrophenol	ND	20	-						
p-Chloroaniline	ND	10	10						

NR = Not recovered in spike, detection limit cannot be established. ND = Not detected.
**Not measurable by this method, measurable as heated purge and trap volatile.

ANALYTIC RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received a Matrix Spike? Yes __ No X

Analyst: Kimberly Zili
Date Sample Collected:
Date Tested: 9/23/8

Semi-Volatiles (Extractables)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Base/Neutrals (Cont'd)									
Chlorobenzene*	-	-	-						
o-Dichlorobenzene	ND	10	10						
m-Dichlorobenzene	ND	10	10						
p-Dichlorobenzene	ND	10	10						
4 Chlorophenyl phenyl ether	ND	10	10						
2 Chloronaphthalene	ND	10	10						
Chrysene	ND	10	10						
Dibenz(a,h)anthracene	ND	10	10						
Dibenzofuran	ND	10	10						
Dibenzo(a,e)pyrene	NM	-	-						
Dibenzo(a,h)pyrene	NM	-	-						
Dibenzo(a,i)pyrene	NM	-	-						
Di-n-butyl phthalate	1BJ	10	10						
3,3'-Dichlorobenzidine	ND	20	20						
3,3'-Dimethoxybenzidine	ND	80	-						
3,3-Dimethylbenzidine	ND	80	-						
Diethyl phthalate	ND	10	10						
p-Dimethylaminoazobenzene	ND	10	-						
7,12-Dimethylbenz(a)anthracene	ND	10	-						
a,a - Dimethylphenethylamine	ND	10	-						
Dimethyl phthalate	ND	10	10						
m-Dinitrobenzene	ND	10	-						
2,4-Dinitrotoluene	ND	10	10						
2,6-Dinitrotoluene	ND	10	10						
Di-n-octyl phthalate	ND	10	10						

*Not measurable by this method; measurable as volatile. ND = Not detected. NM = Not measurable.

ANALYTIC RESULTS FOR Rocky Mountain Ana' al Laboratory

Georgia Environ. ital Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zil
Date Sample Collected:
Date Tested: 9/23/8

Semi Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Blank Spike %	Matrix Spike	Matrix Spike %	Matrix Spike Du
Base/Neutrals (Cont'd)									
Diphenylamine	ND	10	10						
1,2 Diphenylhydrazine[a]	ND	10	10						
Di-n-propylnitrosamine	ND	10	10						
Fluoranthene	ND	10	10						
Fluorene	ND	10	10						
Hexachlorobenzene	ND	10	10						
Hexachlorobutadiene	ND	10	10						
Hexachlorocyclopentadiene	ND	10	10						
Hexachloroethane	ND	10	10						
Hexachlorophene	NR	-	-						
Hexachloropropene	ND	20	-						
Indeno(1,2,3-cd)pyrene	ND	10	10						
Isophorone	ND	10	10						
Isosafrole	ND	50	-						
Melphalan	NM	-	-						
Methapyrilene	ND	10	-						
3 Methylcholanthrene	ND	20	-						
4,4 Methylenebis(2-Chloroanaline)	ND	50	-						
Methyl methacrylate	ND	10	-						
Methyl methanesulfonate	ND	10	-						
2-Methylnaphthalene	ND	10	10						
Naphthalene	ND	10	10						
1,4-Naphthoquinone	ND	10	-						
1 Naphthylamine	ND	10	-						
2 Naphthylamine	ND	10	-						

NR = Not recovered in spike, detection limit cannot be established. [a]As azobenzene.
NT = Not on Appendix IX; compound has not been tested. ND = Not detected.
NM = Not measurable

ANALYTIC RESULTS FOR Rocky Mountain Ana al Laboratory

Georgia Environn. .tal Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received a Matrix Spike? Yes __ No X

Analyst: Kimberly Zill
Date Sample Collected:
Date Tested: 9/23/86

Semi-Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Blank Spike %	Matrix Spike	Matrix Spike %	Matrix Spike Dup.
Base/Neutrals (Cont'd)									
2-Nitroaniline	ND	50	50						
3-Nitroaniline	ND	50	50						
p-Nitroaniline	ND	50	50						
Nitrobenzene	ND	10	10						
N-Nitrosodi-n-butylamine	ND	10	-						
N-Nitrosodiethylamine	ND	10	-						
N-Nitrosodimethylamine	ND	10	10						
N-Nitrosomethylethylamine	ND	10	-						
N-Nitrosodiphenylamine[b]	ND	10	10						
N-Nitrosomorpholine	ND	10	-						
N-Nitrosopiperidine	ND	10	-						
N-Nitrosopyrrolidine	ND	10	-						
5-Nitro-o-toluidine	ND	10	-						
Pentachlorobenzene	ND	10	-						
Pentachloronitrobenzene	ND	80	-						
Phenacetin	ND	10	-						
Phenanthrene	ND	10	10						
2-Picoline	ND	10	-						
Pronamide	ND	20	-						
Pyrene	ND	10	10						
Safrole	ND	10	-						
1,2,4,5-Tetrachlorobenzene	ND	10	-						
1,2,4-Trichlorobenzene	ND	10	10						
Tris(2,3-dibromopropyl)phosphate	NM	-	-						

[b]As diphenylamine. ND = Not detected. NM = Not measurable.

ANALYTIC RESULTS FOR Rocky Mountain Ana al Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zil
Date Sample Collected:
Date Tested: 9/23/8

Semi Volatiles (Extractables)	Conc. ug/l.	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix Spike Du
Additional Compounds									
Benzyl alcohol	ND	10	10						
3-Chloropropionitrile	ND	10	-						
Malononitrile	ND	50	-						
Pentachloroethane	ND	10	-						
Acid Organics									
2-Chlorophenol	ND	10	10						
o-Cresol	ND	10	10						
m/p-Cresol	ND	10	10						
4-Nitrophenol	ND	50	50						
2,4-Dichlorophenol	ND	10	10						
2,6-Dichlorophenol	ND	10	-						
2,4-Dimethylphenol	ND	10	10						
4,6-Dinitro-o-cresol	ND	50	50						
2,4-Dinitrophenol	ND	50	50						
Pentachlorophenol	ND	50	50						
Phenol	ND	10	10						
Resorcinol	ND	10	-						
2,4,5-Trichlorophenol	ND	50	50						
2,4,6-Trichlorophenol	ND	10	10						
2,3,4,6-Tetrachlorophenol	ND	20	-						
2-Nitrophenol**	ND	10	10						
Benzoic acid	ND	50	50						

**Not measurable by this method; measurable as heated purge & trap volatile.
ND = Not detected. J = Tentative value reported below detection limit.

ANALYTIC RESULTS FOR Rocky Mountain Analytical Laboratory

Georgia Environmental Protection Division

Facility Name: RMAL
Sample Description: Method Blank #2
Sample ID #: 61954-MB2

This sample received
a Matrix Spike? Yes __ No X

Analyst: Kimberly Zillis
Date Sample Collected: -
Date Tested: 9/23/86

Semi Volatiles (Extractables)	Conc. ug/L	Instru. L.D.L.	Method L.D.L.	Surr. %	Blank Spike	Spike Blank %	Matrix Spike	Matrix Spike %	Matrix % Spike Dup.
Surrogates									
Phenol-D5	76	-	-	38					
2-Fluorophenol	69	-	-	34					
2,4,6-Tribromophenol	81	-	-	40					
d 5 Nitrobenzene	39	-	-	39					
2-Fluorobiphenyl	39	-	-	39					
Terphenyl-D14	44	-	-	44					
Matrix Spikes									
1,2,4-Trichlorobenzene	-	-	-	-					
Acenaphthene	-	-	-	-					
2,4-Dinitrotoluene	-	-	-	-					
Di-n-butyl Phthalate	-	-	-	-					
Pyrene	-	-	-	-					
N-Nitroso-Di-n-Propylamine	-	-	-	-					
1,4-Dichlorobenzene	-	-	-	-					
Pentachlorophenol	-	-	-	-					
Phenol	-	-	-	-					
2-Chlorophenol	-	-	-	-					
4-Chloro-3-Methylphenol	-	-	-	-					
4-Nitrophenol	-	-	-	-					

APPENDIX C-5

ISS Monitoring Results
June 25, 1987

CAPSULE ✓
LABORATORIES
ADVANCED TECHNOLOGY DIVISION
A Division of Economics Laboratory, Inc.
605 West County Road E, St. Paul, MN 55112, (612) 482-8855

November 29, 1982

Mr. Robert Balducci
Torrington Bearing Company
P. O. Box 1667
Sylvania, Georgia 30467

Re: Groundwater Sampling Data for the Monitoring Wells at the Sylvania Facility

Dear Mr. Balducci:

At your request, we have attached the results for the initial groundwater sampling performed February 8 and 9, 1982, at the Sylvania facility. The initial groundwater sampling was performed in order to fulfill the agreement made with the Georgia Department of Natural Resources (GDNR) when the monitoring wells were installed. The parameters analyzed consisted of those on the general GDNR list. The GDNR agreed to send a letter to Torrington specifying the appropriate parameters and a monitoring frequency.

The attached results, including the analysis of TOX and TOC (indicator parameters for organic contaminants) were completed. The only high values noted were for TOX in Well No. 2 which showed concentrations of 14 to 15 mg/l. Well No. 2 was resampled and analyzed for the volatile and base/neutral priority pollutant fractions by GC/MS. The GC/MS analyses showed no significant concentrations of trace organic contaminants in the well. Therefore, we conclude that the TOX value (14 to 15 mg/l) was an anomalous value. Only the volatile and base/neutral fractions were analyzed by GC/MS since the total phenol concentrations (acid fraction) were low and it was not likely that significant concentrations of acid fraction priority pollutants would be detected if the analyses were performed.

I trust that the attached material provides you with the required information. If you have any questions regarding the attached information or if we can be of further assistance to you in this matter, please do not hesitate to contact our office.

Sincerely,

CAPSULE LABORATORIES

Robert J. Kadwell

Robert J. Kadwell, P.E., CPG
Manager of Engineering

RJK:ch
Attachments

MEMO

DATE: February 19, 1982

TO: Bob Kadwell

FROM: Henry Wilson

RE: Groundwater Sampling

Trip Log:

Groundwater Sampling at Torrington Bearing Plant Sylvania, GA

Date of Sampling:

February 8 & 9, 1982

Torrington Personnel Assisting:

Ross Knight, Plant Engineering

Equipment Used:

Glass bailer, vacuum pump, vacuum flask.

Sampling Procedures:

At each well, the glass bailer was first used to remove samples for Total Organic Carbon and Total Organic Halogen analyses. The vacuum pump was then used with the vacuum flask to remove the samples for the other parameters being tested (metals, phenols, cyanide, cold, herbicides, pesticides). The upgradient well (W-1) was sampled first, then W-3, W-2, and W-4. All sampling equipment was triple-rinsed with deionized water before the next well was sampled.

Available Data and Observations:

pH and specific conductance readings were taken at the site and were as follows:

Well #	pH	Spec. Cond. (umhos)
W - 1	4.65	67
W - 2	6.1	33
W - 3	5.3	800
W - 4	6.2	90

Well Water Levels:

Readings were taken from the top of the standpipe to the top of the water column before sampling.

W - 1	10'1"
W - 2	9'9"
W - 3	7'0"
W - 4	19'1"

Wells W-1 and W-3 showed little significant drop in water level during pumping.

Well W-2 was pumped dry before enough water was obtained to finish sampling. The approximate recharge rate was 0.5ℓ/hr. Sampling was finished the next morning.

Well W-4 was pumped dry after approximately 4.5ℓ were removed. It was allowed to recharge overnight and yielded approximately 0.5ℓ at that time. I asked Ross Knight to pump the well again to obtain the additional necessary samples. He did this on February 18, and removed approximately 2.5ℓ before the well was pumped dry. Very little rainfall occurred between February 9 and February 18th in the Sylvania area.

CC: Tari
Ron
Steve

REPORT OF ANALYSIS TO: Ingersoll-Rand Company, Sylvania, Georgia

DATE SAMPLES SUBMITTED: February 19, 1982

	Well #1 Capsule #11884	Well #2 Capsule #11885	Well #3 Capsule #11886	Well #4 Capsule #11887
Furnace AA Arsenic	<1 ug/l	<1 ug/l	11 ug/l	39 ug/l
Flame AA Barium	<0.1 mg/l	<0.1 mg/l	<0.1 mg/l	<0.1 mg/l
Flame AA Cadmium	<0.01 mg/l	<0.01 mg/l	<0.01 mg/l	<0.01 mg/l
Flame AA Chromium (Total)	<0.05 mg/l	<0.05 mg/l	<0.05 mg/l	<0.05 mg/l
Fluoride	<0.5 mg/l	<0.5 mg/l	<0.5 mg/l	<0.5 mg/l
Flame AA Lead	<0.2 mg/l	<0.2 mg/l	<0.2 mg/l	<0.2 mg/l
Flame AA Mercury Cold Vapor	<0.2 ug/l	<0.2 mg/l	<0.2 mg/l	0.4 ug/l
Technicon Nitrate-Nitrite	5.0 mg/l	1.6 mg/l	4.2 mg/l	0.22 mg/l
Furnace AA Selenium	3 ug/l	<2 ug/l	2 ug/l	4 ug/l
Flame AA Silver	<0.01 mg/l	<0.01 mg/l	<0.01 mg/l	<0.01 mg/l
Technicon Chlorides	10 mg/l	7 mg/l	390 mg/l	3 mg/l
Flame AA Iron	0.70 mg/l	4.0 mg/l	0.69 mg/l	13 mg/l
Flame AA Manganese	0.05 mg/l	0.04 mg/l	0.21 mg/l	0.03 mg/l
Phenol - Indirect	1.6 ug/l	6.6 ug/l	5.2 ug/l	1.4 ug/l
Flame AA Sodium	4.8 mg/l	2.7 mg/l	170 mg/l	16 mg/l
Technicon Sulfate	3.5 mg/l	<1 mg/l	12 mg/l	<1 mg/l
pH Measurement	4.7	6.1	5.3	6.2
Conductivity	67 umhos/cm	33 umhos/cm	800 umhos/cm	90 umhos/cm
Coliform	0.5 organisms/ml			

< denotes concentrations below EPA detection limits.

TECHNICAL DATA

Report of Analyses To: Ingersoll-Rand, Sylvania, Georgia

Date Samples Submitted: February 19, 1982

PRIORITY POLLUTANT ANALYSIS
(Pesticides)

	Well #1 Capsule #11884	Well #2 Capsule #11885	Well #3 Capsule #11886	Well #4 Capsule #11887
2,4-D	<10	<10	<10	
2,4,5-TP (Silvex)	<1	<1	<1	
Lindane	<0.02	<0.02	<0.02	
Endrin	<0.4	<0.4	<0.4	
Methoxychlor	<10	<10	<10	
Toxaphene	<15	<15	<15	

Concentrations expressed in parts per billion (ug/l).
< denotes concentrations below EPA detection limits.

TABLE OF RESULTS

Parameter	Units	Detection Limits	11884 Cap #W-1 (1721-01)	11885 Cap #W-2 (1721-02)	Field Blank Cap #W-5 (1721-03)	Spike Cap #W-6 (1721-04)	11886 Cap #W-3 (1721-05)	11887 Cap #W-4 (1721-06)
TOX - Value 1	ug Cl^-/l	5.0	27	14,000	ND	ND	170	13
- Value 2	ug Cl^-/l	5.0	20	15,000	6.5	10	160	11
- Value 3	ug Cl^-/l	5.0	23					
- Value 4	ug Cl^-/l	5.0	23					
TOC - Value 1	mg/l	1.0	1.1	4.9	1.2	3.0	6.4	2.2
- Value 2	mg/l	1.0	1.1				6.2	2.8
- Value 3	mg/l	1.0	2.2					

Quality Control

Analysis of standards containing known concentrations of chlorine and quadruplicate analyses of samples are routinely performed. A summary of data collected over the last six months is given below:

A. Analysis of Standards

Concentration of Standard ($ug\ Cl^-/l$)	Average % Recovery	% Std Deviation
50	105	12
100	98	7.5
500	104	8.8

B. Quadruplicate Analyses

Range of TOX Concentration ($ug\ Cl^-/l$)	Average % Std. Deviation	% Std. Deviation of Average
5 - 10	14	66
10 - 20	18	67
20 - 100	12	54
100 - 1000	7.4	72
over 1000	8.7	30

TECHNICAL DATA

Report of Analyses To: Ingersoll-Rand, Sylvania, Georgia

Date Samples Submitted: May 3, 1982

WELL #2

PRIORITY POLLUTANT ANALYSIS
(Volatile Organics by Purge and Trap)

	Duplicate	Capsule Log #13419	Lab Blank
chloromethane			
bromomethane			
vinyl chloride			
chloroethane			
methylene chloride	<10	<10	<10
trichlorofluoromethane			
1,1-dichloroethene	<10	<10	--
1,1-dichloroethane	30	30	--
trans-1,2-dichloroethene			
chloroform	<10	<10	<10
1,2-dichloroethane			
1,1,1-trichloroethane	<10	<10	<10
carbon tetrachloride			<10
bromodichloromethane			
1,2-dichloropropene			
trichloroethene	<10	<10	<10
dibromochloromethane			
cis-1,3-dichloropropene			
1,1,2-trichloroethane			
benzene			
2-chloroethylvinyl ether			
bromoform			
tetrachloroethene	<10	<10	<10
1,1,2,2-tetrachloroethane			
acrolein			
acrylonitrile			
toluene	<10	<10	<10
chlorobenzene			
ethylbenzene	<10	<10	<10

Concentrations expressed in parts per billion (ug/l).
< denotes concentrations below EPA detection limits.

TECHNICAL DATA

Report of Analyses To: Ingersoll-Rand, Sylvania, Georgia

Date Samples Submitted: May 3, 1982

WELL #2

PRIORITY POLLUTANT ANALYSIS - PAGE 1 OF 2
(Base/Neutrals)

Capsule Log #13419

Acenaphthene
Acenaphthylene
Anthracene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzidine
Bis(2-chloroethyl)ether
Bis(2-chloroethoxy)methane
Bis(2-ethylhexyl)phthalate
Bis(2-chloroisopropyl)ether
4-Bromophenyl phenyl ether
Butyl Benzyl phthalate
2-chloronapthalene
4-chlorophenyl phenyl ether
Chrysene
Dibenzo(a,h)anthracene
Di-n-butylphthalate
1,3-dichlorobenzene
1,4-dichlorobenzene
1,2-dichlorobenzene
3,3'-dichlorobenzidine
Diethylphthalate
Dimethylphthalate
2,4-Dinitrotoluene
2,6-dinitrotoluene
Dioctylphthalate
1,2-Diphenylhydrazine
Fluoranthene
Fluorene

None of the compounds listed were detected.

TECHNICAL DATA

Report of Analyses To: Ingersoll-Rand, Sylvania, Georgia

Date Samples Submitted: May 3, 1982

WELL #2

PRIORITY POLLUTANT ANALYSIS - PAGE 2 OF 2
(Base/Neutrals)

Capsule Log #13419

Hexachlorobenzene
Hexachlorobutadiene
Hexachloroethane
Hexachlorocyclopentadiene
Indeno(1,2,3,-cd)pyrene
Isophorone
Napthalene
Nitrobenzene
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene
2,3,7,8-Tetrachlorodibenzo-p-Dioxin
1,2,4-Trichlorobenzene

None of the compounds listed were detected.

CAPSULE
LABORATORIES

ADVANCED TECHNOLOGY DIVISION
A Division of Economics Laboratory, Inc.
605 West County Road E, St. Paul, MN 55112, (612) 482-8855

March 21, 1983

Mr. Bob Balducci
Torrington Company
Friendship Road
P. O. Box 1667
Sylvania, Georgia 30467

Dear Bob:

Please find enclosed the results of the groundwater sampling performed February 10 and 11, 1983, at the Sylvania facility. The parameters analyzed consisted of those specified by Verona Barnes of the Georgia Department of Natural Resources.

I suggest that copies of the groundwater sampling report and Tables A and B be forwarded under your cover letter to Verona Barnes if you have no questions. If there are concerns regarding this data, please contact me at your convenience.

Sincerely,

CAPSULE LABORATORIES

Henry W. Wilson, Jr.
Senior Environmental Technician

HWW:ch

Enclosures

GROUNDWATER SAMPLING REPORT

Location: Torrington Company
Sylvania, Georgia

Date: February 10 and 11, 1983

Field Personnel: Henry Wilson, Capsule Laboratories

Prior to sampling, the wells were pumped twice. On January 28, each well was either pumped dry or three casing volumes were removed. Pumping was accomplished by Torrington personnel. Well levels were not recorded. On February 8, the wells were again pumped. Levels prior to pumping are given below. Levels are recorded on top of two-inch PVC casing. Pumping was accomplished by Torrington personnel.

Well #	Level Prior To Pumping	Volume Removed (Gal.)	Total Well Depth	Number of Casing Volumes
1	8' 1"	6.0	24.5'	2.2
2	9' 7"	1.75 (until dry)	17.0'	1.5
3	6' 0"	2.00 (until dry)	15.0'	1.3
4	17' 6"	0.94 (until dry)	22.0'	1.3

Well Levels Prior to Sampling (February 10, 1983):

#1 - 8' 2"
#2 - 10' 3"
#3 - 6' 8"
#4 - 19' 2" Well #4 was pumped dry before sampling was completed.

Well Levels 24 Hours After Sampling (February 11, 1983):

#1 - 8' 3"
#2 - 11' 7"
#3 - 9' 4"
#4 - 20' 10" Well #4 was again pumped dry before sampling could be completed. Well was allowed to recharge for two days and enough water was obtained to complete sampling.

pH readings were taken immediately at the site.

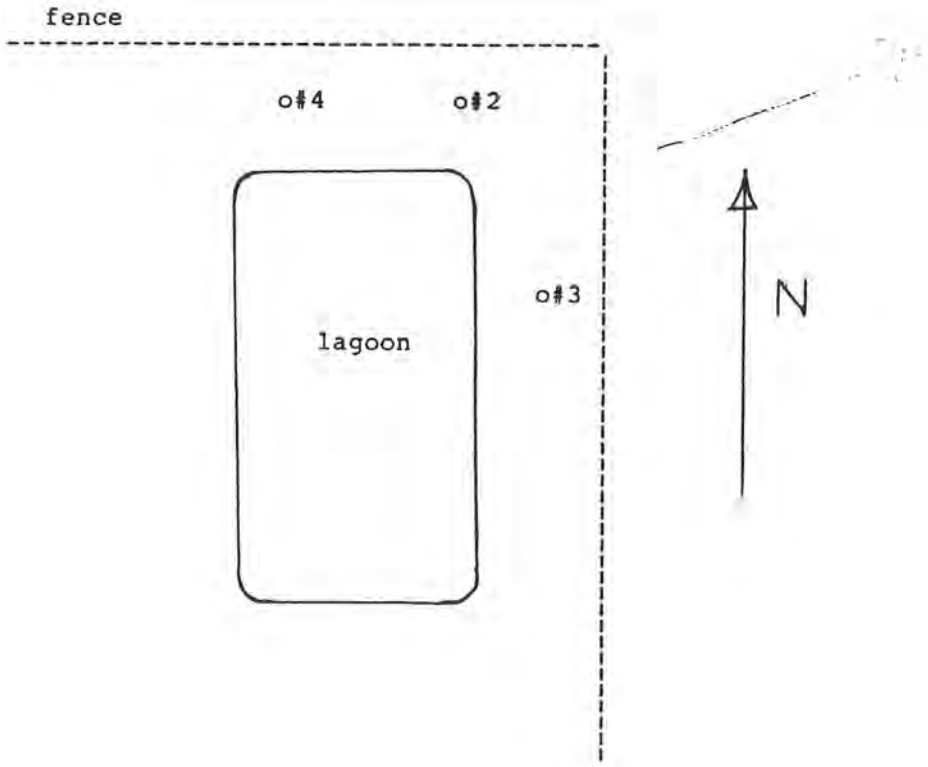
Well #1 was sampled first. At each well, a glass and teflon bailer was first used to remove samples for Total Organic Carbon, Total Organic Halide, and Total Phenol analyses. A vacuum system was used for subsequent sampling. All sampling equipment was triple-rinsed with deionized water before the next well was sampled.

Customary quality assurance procedures were followed. These included field blanks, duplicate samples, lab blanks and lab spiked samples.

FIGURE A

MONITORING WELL LOCATIONS AND NUMBERING KEY

TORRINGTON COMPANY
SYLVANIA, GEORGIA



o#1

TABLE A

RESULTS OF GROUNDWATER ANALYSIS

TORRINGTON COMPANY
SYLVANIA, GEORGIA
Samples Taken February 10 and 11, 1983

Parameter	Regulatory Standard *	Well #1*	Well #2*	Well #3*	Well #4*
Arsenic	50	22	5	7	5
Barium	1000	70	41	64	8
Cadmium	10	3	2	1	<1
Chromium	50	14	10	4	6
Lead	50	16	16	9	5
Mercury	2	0.2	<0.2	0.3	<0.2
Selenium	10	2	4	<2	<2
Silver	50	<1	<1	<1	<1
Lindane	4	<0.01	<0.01	<0.01	<0.01
Endrin	0.2	<0.04	<0.04	<0.04	<0.04
Methoxychlor	100	<1	<1	<1	<1
Toxaphene	5	<5	<5	<5	<5
2,4-D	100	<10	<10	<10	<10
2,4,5-TP	10	<1	<1	<1	<1

*All concentrations expressed in µg/l

TABLE B

RESULTS OF GROUNDWATER ANALYSIS

TORRINGTON COMPANY
SYLVANIA, GEORGIA
Samples Taken February 10 and 11, 1983

Parameter	Well #1	Well #2	Well #3	Well #4
pH	5.1	5.2	5.4	6.0
Elec. Conductivity (μmhos/cm)	54	30	230	27
Fluoride (mg/l)	<0.1	<0.1	0.1	0.1
Chloride (mg/l)	6.3	8.4	110	4.2
Sulfate (mg/l)	11	6	11	<5
Nitrate/Nitrogen (mg/l)	5.9	1.8	0.36	0.58
Total Cyanide (mg/l)	<0.02	<0.02	<0.02	<0.02
Total Phenol (μg/l)	7.3	<5.0	<5.0	8.6
Total Coliform (organisms/100 ml)	350	<2	49	8
Manganese (μg/l)	18	13	34	6
Sodium (mg/l)	6.2	3.2	65	2.7
Iron (mg/l)	4.9	2.8	2.5	0.57
Total Organic Carbon (mg/l)	7.1	2.7	2.6	8.8
Total Organic Halide ($\mu gCl^-/l$)	86	110	180	23

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

REPORT NO. 5352- 1a

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

DATE RECEIVED 7/27

SAMPLED BY R. Walla
Savannah

IDENTIFICATION: Ground water monitoring report for well # 1
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	0.11	mg/l
Lead	<0.05	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	<0.05	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	230	TU
Coliform Bacteria	0	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

ames W. Andrews, Ph.D.
President
Janette M. Davis
Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 5352 1b

DATE RECEIVED 7/27/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 1

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	17
Iron	9.2
Manganese	0.11
Phenols	<0.01
Sodium	7.5
Sulfate	11

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.4	5.4	5.4	5.4
Specific conductance (mhos/cm @25°C)	80	80	80	80
TOC (mg/l)	4.8	4.1	3.7	4.2
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

Special Parameters

Cyanide (mg/l)	<0.02

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

REPORT NO. 5352- 2a

DATE RECEIVED 7/27/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground water monitoring report for well # 2
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	<0.10	mg/l
Lead	0.10	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	<0.05	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	350	TU
Coliform Bacteria	18	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, V.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
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REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 5352 2b

DATE RECEIVED 7/27/83

SAMPLED BY R. Wallace, Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 2

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	20
Iron	7.1
Manganese	0.15
Phenols	<0.01
Sodium	6.5
Sulfate	5.1

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.5			
Specific conductance (mhos/cm @25°C)	70			
TOC (mg/l)	2.4			
TOX (mg/l)	<0.02			

Special Parameters

Cyanide (mg/l)	<0.02

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

REPORT NO. 5352-3a

DATE RECEIVED 7/27/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground water monitoring report for well # 3
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	0.15	mg/l
Lead	<0.05	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	0.06	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	380	TU
Coliform Bacteria	0	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, V.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 5352-3b

DATE RECEIVED 7/27/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 3

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	180
Iron	9.9
Manganese	0.22
Phenols	<0.01
Sodium	82
Sulfate	7.1

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.5			
Specific conductance (mhos/cm @25°C)	600			
TOC (mg/l)	2.9			
TOX (mg/l)	<0.02			

Special Parameters

Cyanide (mg/l)	<0.02

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

REPORT NO. 5352-4a

DATE RECEIVED 7/27/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground water monitoring report for well # 4
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	<0.10	mg/l
Lead	<0.05	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	<0.05	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	350	TU
Coliform Bacteria	20	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

James W. Andrews, Ph.D.
President
ic M. Davis
VP

REPORT OF ANALYSIS

REPORT NO. 5352-4b

DATE RECEIVED 7/27/83

SAMPLED BY R. Wallace,
Savannah Laboratories

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

IDENTIFICATION: Ground Water Samples from Monitoring Well # 4

METHODS: EPA SW 846 & EPA 600/4-79-020

<u>Section 265.92 - paragraph b(2) parameters</u>

	mg/liter
Chlorides	10
Iron	6.7
Manganese	0.05
Phenols	<0.01
Sodium	3.8
Sulfate	5.0

<u>Section 265.92 - paragraph b(3) parameters</u>

	Replicate Analyses			
pH (units)	6.0			
Specific conductance (mhos/cm @25°C)	45			
TOC (mg/l)	3.5			
TOX (mg/l)	<0.02			

<u>Special Parameters</u>

Cyanide (mg/l) <0.02

James W. Andrews, Ph.D.

GROUNDWATER MONITORING

CHAIN OF CUSTODY RECORD

Company's Name Torrington

Location Sylvania, Georgia

Collector's Name Richard Wallace Company Savannah Labs

Method of Collection PVC Foot Valve pump

Date sampled 7/27/83

Field Information

Time	Well No.	Collector's No.	Amount	Water Elevation*	Lab No.
11:39	1	5352	4l	12.4	5352-1
10:38	2	5352	4l	11.5	5352-2
10:26	3	5352	4l	9.3	5352-3
11:01	4	5352	4l	16.5	5352-4

Chain of Possession

			Inclusive Dates	
1.	Richard H. Wallace (signature)	Collector	7/27/83	7/27/83
2.	(signature)			
3.	(signature)			

*Feet from water surface to top of well casing.

4 rel

5562

GROUNDWATER MONITORING

CHAIN OF CUSTODY RECORD

Company's Name Torrington Company

Location Sylvania Georgia

Collector's Name Richard Wallace Company Savannah Labs

Method of Collection Hand Vacuum Rotary Pump

Date sampled 9/8/83

Field Information Pump 2-3 casings prior to sampling

Time	Well No.	Collector's No.	Amount	*Water Elevation	Lab No.
4:17	1	5562	4 l	13.4	-1
3:47	2	5562	4 l	14.1	-2
3:31	3	5562	4 l	11.5	-3
4:01	4	5562	4 l	16.0	-4

Chain of Possession

			Inclusive Dates	
1. Richard H. Wallace signature	Collector		9/8/83	9/8/83
2. Jeanette M. Davis signature	Savannah Laboratories		9/8	
3. signature				

*Feet from water surface to top of casing.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

REPORT NO. 5562- 1

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground water monitoring report for well # 1
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	<0.1	mg/l
Lead	<0.05	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	<0.05	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	120	TU
Coliform Bacteria	0	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 5562-1

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 1

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	10
Iron	2.0
Manganese	0.05
Phenols	<0.01
Sodium	6.2
Sulfate	5.2

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.5	5.5	5.5	5.5
Specific conductance (mhos/cm @25°C)	70	70	70	70
TOC (mg/l)	3.2	3.4	2.7	3.0
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02
Cyanide (mg/l)	<0.02			

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

REPORT NO. 5562-2

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground water monitoring report for well # 2
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	<0.1	mg/l
Lead	<0.05	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	<0.05	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	42	TU
Coliform Bacteria	7	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 5562- 2

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 2

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	14
Iron	3.5
Manganese	0.06
Phenols	<0.01
Sodium	4.2
Sulfate	6.9

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	4.5			
Specific conductance (mhos/cm @25°C)	110			
TOC (mg/l)	4.2			
TOX (mg/l)	<0.02			
Cyanide (mg/l)	<0.02			

James W. Andrews

James W. Andrews, Ph.D.

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P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

REPORT NO. 5562-3

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground water monitoring report for well # 3
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	0.15	mg/l
Lead	<0.05	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	<0.05	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	27	TU
Coliform Bacteria	8	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

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Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 5562-3

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 3

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	140
Iron	2.8
Manganese	0.10
Phenols	<0.01
Sodium	84
Sulfate	6.7

Section 265.92 - paragraph b(3) parameters

		Replicate Analyses		
pH (units)	5.1			
Specific conductance (mhos/cm @25°C)	650			
TOC (mg/l)	3.2			
TOX (mg/l)	<0.02			
Cyanide (mg/l)	<0.02			

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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
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REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Co.
P.O. Box 1667
Sylvania, GA. 30467

REPORT NO. 5562-4

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground water monitoring report for well # 4
at Sylvania, GA. Plant

METHODS: EPA SW 846 & EPA-600/4-79-020

Section 265.92 - paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	<1.0	mg/l
Cadmium	<0.01	mg/l
Chromium	<0.05	mg/l
Fluoride	<0.1	mg/l
Lead	<0.05	mg/l
Mercury	<0.002	mg/l
Nitrate (as N)	<0.05	mg/l
Selenium	<0.01	mg/l
Silver	<0.01	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Radium	*	pCi/liter
Gross Alpha	*	pCi/liter
Gross Beta	*	pCi/liter
Turbidity	110	TU
Coliform Bacteria	0	colonies/100ml

*Since this plant has never used or possessed radioactive materials, these samples were not analyzed for these parameters.

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
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REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 5562-4

DATE RECEIVED 9/8/83

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 4

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	6.4
Iron	1.7
Manganese	0.05
Phenols	<0.01
Sodium	2.6
Sulfate	<3.0

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.7			
Specific conductance (mhos/cm @25°C)	35			
TOC (mg/l)	4.0			
TOX (mg/l)	<0.02			
Cyanide (mg/l)	<0.02			

James W. Andrews, Ph.D.

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Janette M. Davis
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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

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912/354-7858

5th

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 6328-1

DATE RECEIVED 02/02/84

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 1

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	8.6
Iron	0.2
Manganese	<0.05
Phenols	<0.01
Sodium	10
Sulfate	5

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.4	5.4	5.4	5.4
Specific conductance (µmhos/cm @25°C)	94	94	94	94
TOC (mg/l)	1.2	1.6	1.0	1.2
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
President
Janette M. Davis
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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 6328-2

DATE RECEIVED 02/02/84

SAMPLED BY R. Wallace,
Savannah Laboratories

IDENTIFICATION: Ground Water Samples from Monitoring Well # 2

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	10
Iron	0.4
Manganese	<0.05
Phenols	<0.01
Sodium	3.5
Sulfate	4.2

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.2	5.2	5.2	5.2
Specific conductance (µmhos/cm @25°C)	60	60	60	60
TOC (mg/l)	4.1	3.7	4.2	4.4
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

James W. Andrews

James W. Andrews, Ph.D.

James W. Andrews, Ph.D.
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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 6328-3

DATE RECEIVED 02/02/84

SAMPLED BY R. Wallace, Savannah Laboratorie

IDENTIFICATION: Ground Water Samples from Monitoring Well # 3

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	110
Iron	0.4
Manganese	<0.05
Phenols	<0.01
Sodium	62
Sulfate	9.2

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	5.3	5.3	5.3	5.3
Specific conductance (µmhos/cm @25°C)	525	525	525	525
TOC (mg/l)	3.3	3.6	3.1	3.0
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

James W. Andrews
James W. Andrews, Ph.D.

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SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: Mr. Bob Balducci
The Torrington Company
P. O. Box 1667
Sylvania, GA 30467

REPORT NO. 6328-4

DATE RECEIVED 02/02/84

SAMPLED BY R. Wallace,
Savannah Laboratorie

IDENTIFICATION: Ground Water Samples from Monitoring Well # 4

METHODS: EPA SW 846 & EPA 600/4-79-020

Section 265.92 - paragraph b(2) parameters

	mg/liter
Chlorides	5.8
Iron	0.8
Manganese	<0.05
Phenols	<0.01
Sodium	3.2
Sulfate	6.3

Section 265.92 - paragraph b(3) parameters

	Replicate Analyses			
pH (units)	6.1	6.1	6.1	6.1
Specific conductance (µmhos/cm @25°C)	45	45	45	45
TOC (mg/l)	2.1	2.5	2.7	3.0
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

James W. Andrews
James W. Andrews, Ph.D.

GROUNDWATER MONITORING

CHAIN OF CUSTODY RECORD

Company's Name Torrington

Location Sylvania, Georgia

Collector's Name Richard Wallace Company Savannah Labs.

Method of Collection Hand Pump

Date sampled 2/2/84

Field Information Casings dry pumped the day before the samples were taken

Time	Well No.	Collector's No.	Amount	*Water Elevation	Lab No.
12:43	1	T-1	3 L	7.9	6328-1
11:57	2	T-2	3L	9	6328-2
12:17	3	T-3	3L	11.9	6328-3
12:23	4	T-4	3L	19.2	6328-4

Chain of Possession

			Inclusive Dates
1. Richard H. Wallace (signature)	Collector		2/2/84 - 2/2/84
2. (signature)			
3. (signature)			

*Feet from water surface to top of casing.

James W. Andrews, Ph.D.
President
Janette M. Davis
Chief Chemist, VP

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.
P.O. Box 13842 • Savannah, Ga. 31416-0842
912/354-7858

July 18, 1985

The Torrington Co.
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

Re: Groundwater Monitoring Report

Dear Bruce:

Please find enclosed a copy of your ground water monitoring report sampled on July 3, 1985.

A copy was mailed "Overnight Letter" to Janet Hart of Stottler Stagg & Associates in Atlanta. She should be receiving this some time Friday.

If you have any questions, please give me a call.

Sincerely,

Janette M. Davis

Janette M. Davis

JMD/mjb

James W. Andrews, Ph.D.
Janette M. Davis

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail,
Savannah Laboratory

INDENTIFICATION: Ground water monitoring wells

METHODS: EPA SW-846

Results mg/l unless stated

F006 Constituents	Well 1	Well 2	Well 3	Well 5	Well 7	Well 8	Well 9
Total Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cadmium	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Nickel	0.01	<0.01	0.02	<0.01	0.04	<0.01	<0.01
Copper	<0.05	<0.05	0.06	<0.05	0.06	<0.05	<0.05
Total Cyanides	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cyanide, Amenable to Chlorination	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis

Janette M. Davis

W. Andrews, Ph.D.
Janette M. Davis
Chief Chemist, I.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail,
Savannah Laboratory

IDENTIFICATION: Ground water monitoring report for well # 1

METHODS: EPA-530/SW-611, EPA-600/4-79-020 and EPA SW-846

Section 265.92 - Paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	0.12	mg/l
Cadmium	<0.002	mg/l
Chromium	<0.01	mg/l
Fluoride	0.23	mg/l
Lead	<0.01	mg/l
Mercury	<0.0002	mg/l
Nitrate-N	0.08	mg/l
Selenium	<0.003	mg/l
Silver	<0.002	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Turbidity	7.7	TU
Coliform Bacteria	0	colonies/100ml

Section 265.92 - paragraph b(2) parameters

Chlorides	6.8	mg/l
Iron	0.66	mg/l
Manganese	<0.05	mg/l
Phenols	<0.01	mg/l
Sodium	3.9	mg/l
Sulfate	2.1	mg/l

Section 265.92 - paragraph b(3) parameters

pH (units)	5.2	5.2	5.2	5.2
Specific Conductance (µmhos/cm @25C)	85	85	85	85
TOC (mg/l)	1.9	1.2	1.7	1.7
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis

Janette M. Davis

W. Andrews, Ph.D.
Janette M. Davis
Chief Chemist, I.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail, Savannah Laboratory

IDENTIFICATION: Ground water monitoring report for well # 2

METHODS: EPA-530/SW-611, EPA-600/4-79-020 and EPA SW-846

Section 265.92 - Paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	0.17	mg/l
Cadmium	<0.002	mg/l
Chromium	<0.01	mg/l
Fluoride	0.21	mg/l
Lead	<0.01	mg/l
Mercury	<0.0002	mg/l
Nitrate-N	0.07	mg/l
Selenium	<0.003	mg/l
Silver	<0.002	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Turbidity	330	TU
Coliform Bacteria	0	colonies/100ml

Section 265.92 - paragraph b(2) parameters

Chlorides	9.9	mg/l
Iron	1.0	mg/l
Manganese	<0.05	mg/l
Phenols	<0.01	mg/l
Sodium	6.0	mg/l
Sulfate	0.76	mg/l

Section 265.92 - paragraph b(3) parameters

pH (units)	5.6	5.6	5.6	5.6
Specific Conductance (µmhos/cm @25C)	70	70	70	70
TOC (mg/l)	3.1	2.7	2.8	2.9
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis
Janette M. Davis

J. Andrews, Ph.D.
Janette M. Davis
Chemist, I.C.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail, Savannah Laboratory

IDENTIFICATION: Ground water monitoring report for well # 3

METHODS: EPA-530/SW-611, EPA-600/4-79-020 and EPA SW-846

Section 265.92 - Paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	0.20	mg/l
Cadmium	<0.002	mg/l
Chromium	<0.01	mg/l
Fluoride	0.62	mg/l
Lead	<0.01	mg/l
Mercury	<0.0002	mg/l
Nitrate-N	0.03	mg/l
Selenium	<0.003	mg/l
Silver	<0.002	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Turbidity	240	TU
Coliform Bacteria	0	colonies/100ml

Section 265.92 - paragraph b(2) parameters

Chlorides	240	mg/l
Iron	1.2	mg/l
Manganese	<0.05	mg/l
Phenols	<0.01	mg/l
Sodium	190	mg/l
Sulfate	2.6	mg/l

Section 265.92 - paragraph b(3) parameters

pH (units)	5.0	5.0	5.0	5.0
Specific Conductance (µmhos/cm @25C)	800	800	800	800
TOC (mg/l)	5.1	4.7	5.0	4.9
TOX (mg/l)	0.04	0.03	0.03	0.03

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis
Janette M. Davis

W. Andrews, Ph.D.
Janette M. Davis
Chemist, I.C.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail,
Savannah Laboratory

IDENTIFICATION: Ground water monitoring report for well # 5

METHODS: EPA-530/SW-611, EPA-600/4-79-020 and EPA SW-846

Section 265.92 - Paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	0.13	mg/l
Cadmium	<0.002	mg/l
Chromium	<0.01	mg/l
Fluoride	0.27	mg/l
Lead	<0.01	mg/l
Mercury	<0.0002	mg/l
Nitrate-N	0.07	mg/l
Selenium	<0.003	mg/l
Silver	<0.002	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Turbidity	160	TU
Coliform Bacteria	0	colonies/100ml

Section 265.92 - paragraph b(2) parameters

Chlorides	6.9	mg/l
Iron	0.71	mg/l
Manganese	<0.05	mg/l
Phenols	<0.01	mg/l
Sodium	2.7	mg/l
Sulfate	0.95	mg/l

Section 265.92 - paragraph b(3) parameters

pH (units)	5.1	5.1	5.1	5.1
Specific Conductance (µmhos/cm @25C)	50	50	50	50
TOC (mg/l)	1.4	1.3	1.2	1.3
TOX (mg/l)	0.05	0.04	0.05	0.03

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis
Janette M. Davis

W. Andrews, Ph.D.
Janette M. Davis
Chemist, I.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail,
Savannah Laborator

IDENTIFICATION: Ground water monitoring report for well # 7

METHODS: EPA-530/SW-611, EPA-600/4-79-020 and EPA SW-846

Section 265.92 - Paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	0.15	mg/l
Cadmium	<0.002	mg/l
Chromium	<0.01	mg/l
Fluoride	0.39	mg/l
Lead	<0.01	mg/l
Mercury	<0.0002	mg/l
Nitrate-N	0.23	mg/l
Selenium	<0.003	mg/l
Silver	<0.002	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Turbidity	17	TU
Coliform Bacteria	0	colonies/100ml

Section 265.92 - paragraph b(2) parameters

Chlorides	4.3	mg/l
Iron	1.2	mg/l
Manganese	<0.05	mg/l
Phenols	<0.01	mg/l
Sodium	2.9	mg/l
Sulfate	1.9	mg/l

Section 265.92 - paragraph b(3) parameters

pH (units)	6.0	6.0	6.0	6.0
Specific Conductance (µmhos/cm @25C)	55	55	55	55
TOC (mg/l)	1.9	1.7	1.8	1.8
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis
Janette M. Davis

912/354-7858

Andrews, Ph.D.
M. Davis
Chemist, I.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
912/354-7858

REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail, Savannah Laboratory

IDENTIFICATION: Ground water monitoring report for well # 8

METHODS: EPA-530/SW-611, EPA-600/4-79-020 and EPA SW-846

Section 265.92 - Paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	0.05	mg/l
Cadmium	<0.002	mg/l
Chromium	<0.01	mg/l
Fluoride	0.18	mg/l
Lead	<0.01	mg/l
Mercury	<0.0002	mg/l
Nitrate-N	0.05	mg/l
Selenium	<0.003	mg/l
Silver	<0.002	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Turbidity	6.8	TU
Coliform Bacteria	4	colonies/100ml

Section 265.92 - paragraph b(2) parameters

Chlorides	3.3	mg/l
Iron	0.15	mg/l
Manganese	<0.05	mg/l
Phenols	<0.01	mg/l
Sodium	3.7	mg/l
Sulfate	1.2	mg/l

Section 265.92 - paragraph b(3) parameters

pH (units)	5.5	5.5	5.5	5.5
Specific Conductance (µmhos/cm @25C)	45	45	45	45
TOC (mg/l)	1.1	1.0	0.91	1.2
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis
Janette M. Davis

. Andrews, Ph.D.
ie M. Davis
Chemist, I.P.

SAVANNAH LABORATORIES AND ENVIRONMENTAL SERVICES, INC.

P.O. Box 13842 • Savannah, Ga. 31406
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REPORT OF ANALYSIS

TO: The Torrington Company
Attn: Bruce Peake
P.O. Box 1667
Sylvania, GA 30467

REPORT NO. 9957

DATE RECEIVED 7-3-85

SAMPLED BY T. Nail,
Savannah Laborator

IDENTIFICATION: Ground water monitoring report for well # 9

METHODS: EPA-530/SW-611, EPA-600/4-79-020 and EPA SW-846

Section 265.92 - Paragraph b(1) parameters

Arsenic	<0.01	mg/l
Barium	0.07	mg/l
Cadmium	<0.002	mg/l
Chromium	<0.01	mg/l
Fluoride	0.21	mg/l
Lead	<0.01	mg/l
Mercury	<0.0002	mg/l
Nitrate-N	0.05	mg/l
Selenium	<0.003	mg/l
Silver	<0.002	mg/l
Endrin	<0.0001	mg/l
Lindane	<0.0001	mg/l
Methoxychlor	<0.01	mg/l
Toxaphene	<0.001	mg/l
2,4-D	<0.01	mg/l
2,4,5-TP Silvex	<0.01	mg/l
Turbidity	230	TU
Coliform Bacteria	140	colonies/100ml

Section 265.92 - paragraph b(2) parameters

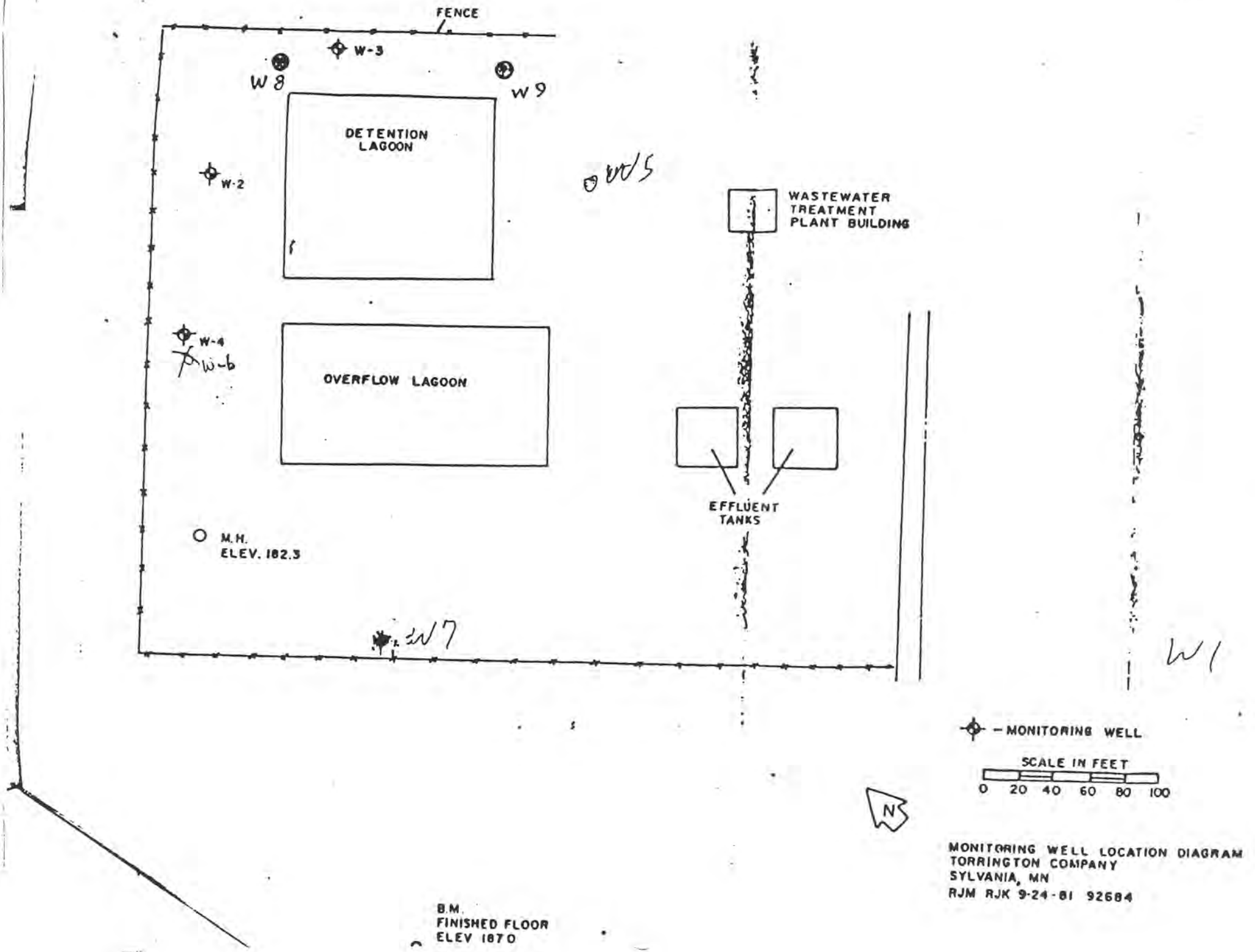
Chlorides	2.9	mg/l
Iron	0.66	mg/l
Manganese	<0.05	mg/l
Phenols	<0.01	mg/l
Sodium	4.0	mg/l
Sulfate	0.98	mg/l

Section 265.92 - paragraph b(3) parameters

pH (units)	5.7	5.7	5.7	5.7
Specific Conductance (µmhos/cm @25C)	45	45	45	45
TOC (mg/l)	1.0	1.2	1.3	1.0
TOX (mg/l)	<0.02	<0.02	<0.02	<0.02

cc: Janet Hart,
Stottler Stagg & Associates

Janette M. Davis
Janette M. Davis



MONITORING WELL LOCATION DIAGRAM
TORRINGTON COMPANY
SYLVANIA, MN
RJM RJK 9-24-81 92684

SAVANNAH LABORATORIES

Report 9957

11-20-84

To K Soil Sample to be sent to Sav Annual Lab For Cyanide Testing. Same Location As August 9, Samples.

Sav. Lab retuired more well water For semi-annual testing

6-26-85

Bailed Out Deep Wells with 2 10' x 1" Bailers

W7 - 35 Bailer Loads

W8 35 " "

W9 32 " "

W4. ~~W6~~ ~~W8~~	188"	1 Gal
W2	138"	1¾ Gal
W3		1½ Gal
W5	84"	3¼ Gal
W1	143"	5 Gal

Work Performed By Terry Reddick

Report 9957

July 2, 85
Pumped Out Wells By
Jerry Reddick

W1	159"	9½ Gal
W2	139	1½ Gal
W3	140	1 Gal
W5	120	3 Gal
W8	30 Bailers	31.3'
W9	33 Bailers	32'
W7	34.7'	

SAMPLE MONITORING
CHAIN OF CUSTODY RECORD

Company Name: Torrington Co.

Location: Sylvania, GA

Collector's Name: Tom Nail Company: Savannah Laboratory

Date Sampled: 7/3/85

Field Information: Site 4 dry

NOTICE: To avoid cross-contamination of preservatives which have been preadded to your sampling containers, please fill any purple color-coded (unpreserved) containers prior to filling any additional color-coded bottles sent to you in this shipment.

Sample Identification	coliform yellow	liter brown glass - green	liter plastic jug - blue	500 ml brown glass - red	500 ml plastic purple	liter glass purple				Savannah Lab ID#
1	X	X	X	X	X	X				9957
2	X	X	X	X	X	X				
3	X	X	X	X	X	X				
4	O	O	O	O	O	O				
5	X	X	X	X	X	X				
7	X	X	X	X	X	X				
8	X	X	X	X	X	X				
9	X	X	X	X	X	X				

Chain of Possession

Thomas J. Nail	Savannah Labs	3 July 85
Collector	Company	Date Sampled
Sheila Bryant	Savannah Labs	3 July 85
Recipient	Savannah Laboratories	Date Received