ERCO
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A DIVISION OF
ENSECO
INCORPORATED

Site: Wells G&H
Break: 3.2
Other: 549623

SDMS DocID 549623

January 27, 1987

Mr. Joe Mastone
ERT
33 Industrial Way
Wilmington, MA 01887

Dear Joe:

Enclosed are the analytical results for seven water samples we received on January 7, 1987, under Job No. D495-003 (ERCO Project No. 8801-3130).

If you have any questions about the data, please do not hesitate to contact me.

Sincerely,

Dallas Wait

A. Dallas Wait, Ph.D.
Director of Programs

ADW:km
Encl.

Regional and international offices:

- 2400 West Loop South, Suite 300, Houston, Texas 77027 (713) 960-9411
- 123 Grove Avenue, Suite 118, Cedarhurst, New York 11516 (516) 295-1162
- c/o Bectech Trading Co., Ltd., P.O. Box 101-41, Taipei, Taiwan (R.O.C.) Tel. 5013908

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT

CLIENT ID: NC-7-1 (deep)

ERCO ID: 87-000209

SAMPLE RECEIVED: 01/07/87

ANALYSIS COMPLETED: 01/21/87

RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	11	1
13V	1,1-Dichloroethane	31	1
30V	1,2-trans-Dichloroethylene	100	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	240	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	82	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	15,000	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: MR

Dilution factor: 1

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT
CLIENT ID: VC-7-2
ERCO ID: 87-000210
SAMPLE RECEIVED: 01/07/87
ANALYSIS COMPLETED: 01/21/87
RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	730	1
30V	1,2-trans-Dichloroethylene	480	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	3,200	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	22,000	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: [illegible]

Dilution factor: 100

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT
CLIENT ID: VC-7-3
ERCO ID: 87-000211
SAMPLE RECEIVED: 01/07/87
ANALYSIS COMPLETED: 01/21/87
RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	810	1
30V	1,2-trans-Dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	270	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	10,000	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: MR

Dilution factor: 100

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT

CLIENT ID: VC-7-4

ERCO ID: 87-000212

SAMPLE RECEIVED: 01/07/87

ANALYSIS COMPLETED: 01/21/87

RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	ND	1
30V	1,2-trans-Dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene ----------	1,300	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: [illegible]

Dilution factor: 100

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT

CLIENT ID: VC-7-5

ERCO ID: 87-000213

SAMPLE RECEIVED: 01/07/87

ANALYSIS COMPLETED: 01/21/87

RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	30	1
30V	1,2-trans-Dichloroethylene	26	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	7.4	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	180	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: MOR

Dilution factor: 5

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT

CLIENT ID: VC-7-6 FIELD BLANK

ERCO ID: 87-000214

SAMPLE RECEIVED: 01/07/87

ANALYSIS COMPLETED: 01/21/87

RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	ND	1
30V	1,2-trans-Dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: MR

Dilution factor: 1

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT
CLIENT ID: Trip Blank
ERCO ID: 87-000224
SAMPLE RECEIVED: 01/07/87
ANALYSIS COMPLETED: 01/21/87
RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	ND	1
30V	1,2-trans-Dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: [illegible]

Dilution factor: 1

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT

CLIENT ID: Procedural Blank - Water

ERCO ID: AR912

SAMPLE RECEIVED: 01/07/87

ANALYSIS COMPLETED: 01/21/87

RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	ND	1
30V	1,2-trans-Dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: [illegible]

Dilution factor: 1

ND = Not detected above the minimum reporting limit.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT

CLIENT ID: Blank Spike

ERCO ID: AR923

SAMPLE RECEIVED: 01/07/87

ANALYSIS COMPLETED: 01/21/87

RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result[a]	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	ND	1
30V	1,2-trans-Dichloroethylene	24 (120%)	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	19 (95%)	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	18 (90%)	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: [illegible]

Dilution factor: 1

ND = Not detected above the minimum reporting limit.

[a]Percent recovery, in parentheses, is based on a spike concentration of 20 ppb.

ERCO/ A DIVISION OF ENSECO INCORPORATED

CLIENT: ERT
CLIENT ID: Blank Spike Duplicate
ERCO ID: AR939
SAMPLE RECEIVED: 01/07/87
ANALYSIS COMPLETED: 01/22/87
RESULTS IN: µg/l (ppb)

VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 601

- Data Report -

	Compound	Result[a]	Minimum reporting limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	5
29V	1,1-Dichloroethylene	ND	1
13V	1,1-Dichloroethane	ND	1
30V	1,2-trans-Dichloroethylene	23 (115%)	1
23V	Chloroform	ND	1
10V	1,2-Dichloroethane	ND	1
11V	1,1,1-Trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-Dichloropropane	ND	2
33V	trans-1,3-Dichloropropylene	ND	2
87V	Trichloroethylene	21 (105%)	1
51V	Dibromochloromethane	ND	1
33V	cis-1,3-Dichloropropylene	ND	2
14V	1,1,2-Trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-Tetrachloroethane	ND	2
85V	Tetrachloroethylene	22 (110%)	1
7V	Chlorobenzene	ND	5
19V	2-Chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: JL
Checked by: [illegible]

Dilution factor: 1

ND = Not detected above the minimum reporting limit.

[a]Percent recovery, in parentheses, is based on a spike concentration of 20 ppb.