

LEGGETTE, BRASHEARS & GRAHAM, INC.
PROFESSIONAL GROUND-WATER CONSULTANTS



DRAFT
REMEDIAL INVESTIGATION REPORT
VOLUME IX

ROWE INDUSTRIES
GROUND-WATER
CONTAMINATION SITE

SAG HARBOR, NEW YORK

MAY 1990
(REVISED FEBRUARY 1992)

WILTON
CONNECTICUT

ST. PAUL
MINNESOTA

TAMPA
FLORIDA

FISHKILL
NEW YORK

ALBUQUERQUE
NEW MEXICO

MIDLAND PARK
NEW JERSEY

EXTON
PENNSYLVANIA

SIOUX FALLS
SOUTH DAKOTA

NASHUA
NEW HAMPSHIRE

APPENDIX IX
Laboratory Form 1

APPENDIX X
Validation Reports

APPENDIX XI
onsite Geological Logs

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 1	
		PAGE 1 OF 2 PAGES	
LOCATION Northeast portion of		SCREEN TYPE	
parking lot near soil-gas survey N-1.		DIAM. SLOT NO.	
DATE COMPLETED September 28, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Encountered water at 16.1 feet.			
DEPTH (FEET) FROM TO		DESCRIPTION	
0	0.5	Asphalt.	
0.5	2.5	Blow count: 23-23-17-10	
		Sand, medium to coarse, and gravel; trace of asphalt; gray;	
		moist; no odor; 1.1-foot recovery.	
2.5	5.0	Blow count: 11-6-12-8	
		SAND, dark brown; trace of concrete; moist; no odor; 0.95-foot	
		recovery.	
5.0	7.5	Blow count: 7-9-8-7	
		Top 0.2 feet; Cobble and asphalt.	
		Middle 0.2 feet; SAND, dark brown; trace of cobbles; moist.	
		Bottom 0.5 feet; SAND, medium to coarse; brown; no odor; 0.90-foot	
		recovery.	

OWNER Rowe Industries

WELL NO. Boring No. 1

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 2	
		PAGE 1 OF 3 PAGES	
LOCATION East parking lot at		SCREEN TYPE	
soil-gas survey location N-5.		DIAM.	SLOT NO.
DATE COMPLETED September 28, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS			
DEPTH (FEET)		DESCRIPTION	
FROM	TO		
0	0.5	Asphalt.	
0.5	2.5	Blow count: 8-6-8-8	
		Top 0.4 feet SAND, medium to fine, brown; trace of well-rounded	
		cobbles, diameter less than 0.25 inch.	
		Middle 0.6 feet; SAND, medium to fine, dark brown to black.	
		Bottom 0.6 feet; SAND, medium to fine, tan to brown; moist; no	
		odor; 1.6-foot recovery.	
3.0	5.0	Blow count: 16-9-6-7	
		SAND, medium to coarse; trace of well-rounded quartz gravel;	
		brown; no odor; 1.6-foot recovery.	
5.0	7.0	Blow count: 6-11-13-15	
		Top 0.6 feet; SAND, medium to coarse; dark brown to black.	

OWNER Rowe Industries

WELL NO. Boring No. 2

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DEPTH (FEET) FROM TO		DESCRIPTION
5.0	7.0	Bottom 1.4 feet; SAND, medium to fine; trace of pea-sized rounded quartz cobbles; no odor; 2-foot recovery.
7.0	9.0	Blow count: 8-16-18-22
		Top 0.4 feet; SAND, medium to coarse, light brown; some quartz cobbles.
		Bottom 1.1 feet; SAND, medium to fine, tan; trace of well-rounded pebbles; no odor; 1.5-foot recovery.
9.0	11.0	Blow count: 8-13-16-16
		SAND, medium to coarse; trace of fine sand; trace of quartz rounded cobbles (diameter greater than 1 inch); mica rich; no odor; 2-foot recovery.
11.0	13.0	Blow count: 8-13-15-20
		Top 0.4 feet; SAND, medium to fine.
		Middle 1 foot; SAND, medium to very fine, grading down the spoon.
		Bottom 0.45 feet; CLAY, grayish red; very cohesive, no odor; 1.85-foot recovery.
13.0	15.0	Blow count: 19-23-36-40
		Top 0.6 feet; SAND, medium to fine.
		Middle 1 foot; CLAY red; trace very fine sand.
		Bottom 0.4 feet; SAND, fine to very fine, light brown; trace of mica; no odor; 2-foot recovery.
15.0	17.0	Blow count: 20-23-25-30
		Top 0.5 feet; CLAY, reddish-brown.
		Bottom 1.5 foot; SAND, alternating bands of medium to fine gray sand and fine to very fine brown sand. Wet at bottom 0.7 feet.

OWNER: Rowe Industries

WELL NO. Boring No. 2

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 3	
		PAGE 1 OF 2 PAGES	
LOCATION Southeast portion of		SCREEN TYPE	
parking lot at soil-gas location N-9.		DIAM.	SLOT NO.
DATE COMPLETED September 28, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Water encountered at 16.95 feet.			
DEPTH (FEET)		DESCRIPTION	
FROM	TO		
0.	0.5	Asphalt.	
0.5	2.0	Blow count: 12-15-17	
		Sand, medium to fine, and quartz cobbles (diameter is	
		greater than 1-inch); brown; no odor; 1.4-foot recovery.	
2.0	4.0	Blow count: 8-17-27-26	
		Sand, medium to fine, and quartz cobbles (diameter is	
		greater than 1 inch); brown; no odor; 2-foot recovery.	
4.0	6.0	Blow count: 17-27-27-30	
		SAND, medium to fine; brown with alternating thin bands of gray	
		sand; no odor; 2-foot recovery.	
8.0	10.0	Blow count: 15-21-22-22	

OWNER Rowe Industries

WELL NO. Boring No. 3

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 4	
		PAGE 1 OF 3 PAGES	
LOCATION North side of parking		SCREEN TYPE	
lot soil-gas location U-2.		DIAM.	SLOT NO.
DATE COMPLETED September 29, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Water table at 25.15 feet.			
DEPTH (FEET) FROM TO		DESCRIPTION	
0	0.5	Asphalt	
0.5	2.0	Blow count: 11-15-11	
		SANDY Fill, brown; no odor; 1.3-foot recovery.	
2.0	4.0	Blow count: 13-15-16-18	
		SANDY Fill and quartz cobbles; brown, moist; no odor; 1.8-foot recovery.	
4.0	6.0	Blow count: 14-21-26-30	
		SANDY Fill, brown; trace of quartz pebbles; no odor; 1.45-foot recovery.	
6.0	8.0	Blow count: 19-26-28-35	
		SAND.	

OWNER Rowe Industries

WELL NO. Boring No. 4

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DEPTH (FEET) FROM TO		DESCRIPTION
8.0	10.0	Blow count: 18-23-30-34
		SAND, medium to coarse; some cobbles; trace of thin bands of mica
		rich, black sand; 2-foot recovery.
10.0	12.0	Blow count: 19-26-33-35
		SAND, medium to coarse; some gravel; thin silty clay band in
		center of spoon; 1.5-foot recovery.
12.0	14.0	Blow count: 15-17-24-36
		SAND, medium to coarse; trace of fine sand, brown clay and
		cobbles (diameter greater than 2-inches); 1.6-foot recovery.
14.0	16.0	Blow count: 16-27-31-36
		SAND, fine to coarse; trace of cobble; 1.8-foot recovery.
16.0	18.0	Blow count: 12-17-26-31
		SAND, medium to coarse, brown; trace of quartz cobble; moist at
		bottom of spoon; 1.5-foot recovery.
18.0	20.0	Blow count: 10-20-23-27
		SAND, medium to coarse, brown; some cobbles, subrounded; trace
		of mica rich, fine black sand; 1.3-foot recovery.
20.0	22.0	Blow count: 9-14-20-21
		SAND, medium to coarse, brown; some cobbles (diameter greater
		than 2 inches).
22.0	24.0	Blow count: 17-42-32-33
		SAND, medium to coarse, brown; some quartz cobbles, well rounded;
		1-foot recovery.

OWNER Rowe Industries

WELL NO. Boring No. 4

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 5	
		PAGE 1 OF 3 PAGES	
LOCATION East side of parking lot between		SCREEN TYPE	
soil-gas survey locations Q-6 and Q-5.		DIAM.	SLOT NO.
DATE COMPLETED September 29, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
		CASING	
DRILLING METHOD Hollow-stem auger		SETTING	
SAMPLING METHOD Continuous split spoon		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Water encountered at approximately 14.5 feet.			
DEPTH (FEET)		DESCRIPTION	
FROM	TO		
0	0.5	Asphalt	
0.5	2.0	Blow count: 12-10-10	
		Top 0.2 feet; SAND, medium to fine, dark brown to black; some asphalt.	
		Bottom 0.9 feet; Sand, medium to fine, and well-rounded cobbles; brown; no odor; 1.1-foot recovery.	
2.0	4.0	Blow count: 5-10-3-4	
		Top 0.6 feet; SAND, medium to coarse; some quartz cobbles.	
		Bottom 0.6 feet; SAND, medium; gray to dark brown; moist, no odor; 1.2-foot recovery.	

OWNER Rowe Industries

WELL NO. Boring No. 5

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DEPTH (FEET) FROM TO		DESCRIPTION
4.0	6.0	Blow count: 8-6-7-7
		Top 0.5 feet; SAND, fine, dark brown; trace of silt.
		Bottom 1 foot Sand, fine to very fine, and well-rounded quartz
		gravel; no odor; 1.5-foot recovery.
6.0	8.0	Blow count: 13-13-13-23
		SAND, medium to coarse, brown; trace of cobbles; no odor; 1.8-foot
		recovery.
8.0	10.0	Blow count: 23-32-32-27
		Top 0.5 feet; SAND, medium to fine, brown; trace of cobble.
		Middle 0.6 feet; SAND, medium, gray, mica rich.
		Bottom 0.4 feet; SAND, fine to very fine; trace of clay band;
		no odor; 1.5-foot recovery.
10.0	12.0	Blow count: 23-23-29-30
		Top 0.5 feet; SAND, medium, buff-beige.
		Middle 0.1 feet; CLAY, gray.
		Bottom 0.5 feet; SAND, medium to fine, trace of thin bands of
		very fine sand and clay; gray; no odor; 1.1-foot recovery.
12.0	14.0	Blow count: 24-26-29-30
		Top 0.65 feet; SAND, fine to very fine; trace of cobbles (dia-
		meter greater than 2 inches).
		Bottom 0.95 feet; SAND, medium to fine; alternating bands of
		gray and brown; no odor; 1.6-foot recovery.

OWNER Rowe Industries

WELL NO. Boring No. 5

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 6	
		PAGE 1	OF 2 PAGES
LOCATION Southeast portion of		SCREEN TYPE	
parking lot near soil gas 2-7.		DIAM.	SLOT NO.
DATE COMPLETED September 30, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Water encountered at approximately 14.5 feet.			
DEPTH (FEET) FROM TO		DESCRIPTION	
0	0.5	Asphalt	
0.5	2.0	SAND, medium to fine; trace of cobble, well rounded; moist; no odor;	
		1-foot recovery.	
2.0	4.0	SAND, medium to fine; trace of cobble, well rounded; brown; moist; no	
		odor; 1-foot recovery.	
4.0	6.0	Top 0.5 feet; SAND, medium to fine; trace of cobble, well rounded;	
		band of organic-rich sand.	
		Bottom 0.9 feet; SAND, fine to very fine, trace of organic material;	
		trace of pea-sized pebble; beige; no odor; 1.4-foot recovery.	
6.0	8.0	Top 0.3 feet; SAND, medium to fine, organic-rich; trace of cobble; gray.	
		Bottom 1.7 feet; SAND, medium to fine; orange-brown; no odor; 2-foot	
		recovery.	

OWNER: Rowe Industries

WELL NO. Boring No. 6

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 7	
		PAGE 1 OF 1 PAGES	
LOCATION Back parking lot area		SCREEN TYPE	
soil-gas survey location D-8		DIAM.	SLOT NO.
DATE COMPLETED September 30, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Water encountered at 3 feet.			
DEPTH (FEET) FROM TO		DESCRIPTION	
0	2.0	Blow count: 3-6-7-6	
		Top 0.4 feet; SAND, medium; organic rich.	
		Bottom 1.1 feet; SAND, medium to fine; trace of well rounded	
		cobbles; brown; no odor; 1.5-foot recovery.	
2.0	4.0	Blow count: 7-10-8-10	
		Top 0.85 feet; SAND, fine to very fine; trace of cobble; moist.	
		Bottom 1.15 feet; SAND, medium to coarse, coarsens down spoon; wet.	
		End of boring.	

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. Boring No. 8	
		PAGE 1 OF 1 PAGES	
LOCATION Back parking lot between		SCREEN TYPE	
soil-gas survey locations A-8 and B-8		DIAM.	SLOT NO.
DATE COMPLETED September 30, 1989		SETTING	
DRILLING COMPANY Delta Well & Pump Co., Inc.		SAND PACK	
		CASING	
DRILLING METHOD Hollow-stem auger		SETTING	
SAMPLING METHOD Continuous split spoon		DEVELOPMENT	
OBSERVER K. Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS			
DEPTH (FEET) FROM TO		DESCRIPTION	
0	2.0	Blow count: 2-2-3-3	
		SAND, organic rich.	
2.0	4.0	Blow count: 4-6-9-9	
		SAND, medium to fine.	
4.0	6.0	Blow count: 6-9-13-15	
		SAND; wet.	
		End of boring.	

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. B-9	
		PAGE 1	OF 5 PAGES
LOCATION Rowe Industries site; former		SCREEN TYPE	
drum storage area		DIAM.	SLOT NO.
DATE COMPLETED May 16, 1991		SETTING	
DRILLING COMPANY Delta Well and Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER Karen Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Water encountered at approximately 18.6 feet below grade. Borehole located between soil-vapor survey Stations BB-2, CC-2 and CC-1.			
DEPTH (FEET)		DESCRIPTION	
FROM	TO		
0	2	Blow count: 5-10-9-13	
		Top 0.30 foot; SAND, organic-rich; black.	
		Bottom 1.00 foot; SAND, medium to fine; some coarse; some fine gravel;	
		trace coarse gravel; 1.30-foot recovery.	
2	4	Blow count: 18-17-15-18	
		SAND, medium; trace fine; trace medium gravel; mica-rich; brown;	
		1.70-foot recovery.	
4	6	Blow count: 5-13-14-18	
		SAND, medium; trace medium gravel; round; tan-brown; 1-foot recovery.	
6	8	Blow count: 39-44-17-30	
		SAND, medium to fine; some rounded quartz gravel; brown-tan; mica	
		bands; 1.70-foot recovery.	

OWNER Rowe Industries		
WELL NO. B-9		PAGE 2 OF 5 PAGES
DEPTH (FEET) FROM	TO	DESCRIPTION
8	10	Blow count: 8-15-20-27
		SAND, medium to coarse; some fine sand; little medium quartz gravel;
		well sorted; tan; 1.60-foot recovery.
10	12	Blow count: 8-13-21-29
		Top 0.80 foot; SAND, medium; some coarse sand; trace fine gravel;
		mica-rich.
		Bottom 1.20 feet; SAND, medium to fine; 0.25 silt layer 1.10 feet
		from top of spoon; cohesive; 2.00-foot recovery.
13	15	Blow count: 21-32-22-34
		Top 0.30 foot; SAND, medium; tan-brown.
		Middle 0.30 foot; SAND, medium; some fine gravel; dark brown; moist.
		Bottom 0.40 foot; SAND, medium; tan-brown; 1.00-foot recovery.
15	17	Blow count: 15-17-29-25
		Top 1.05 feet; SAND, medium to fine; some very fine quartz gravel;
		light gray.
		Middle 0.30 feet; SAND, medium to fine; trace silt; brown.
		Bottom 0.65 feet; SAND, medium; light beige; 2.00-foot recovery.
17	19	Blow count: 7-9-30-25
		Top 0.30 foot; SAND, medium to fine slightly cohesive; moist; dark
		BROWN.
		Next 0.50 foot; SAND, medium; some coarse sand; light brown-beige.
		Next 0.30 foot; GRAVEL, medium; well rounded.
		Bottom 0.70 foot; SAND, medium to coarse, well rounded; medium to fine
		gravel at bottom of spoon; wet; light brown-tan with orange (iron)
		stain; 1.80-foot recovery.

OWNER Rowe Industries		
WELL NO. 8-9		PAGE 3 OF 5 PAGES
DEPTH (FEET) FROM	TO	DESCRIPTION
19	21	Blow count: 12-11-20-13
		Top 0.25 foot; SAND, medium to fine; dark brown.
		Middle 0.80 foot; SAND, medium trace medium gravel; light brown-gray.
		Bottom 0.65 foot; SAND, medium to fine; dark brown; gets finer toward bottom of spoon with orange (iron) stain; 1.70-foot recovery.
21	23	Blow count: 11-20-22-17
		Top 0.50 foot; SAND, medium to fine; trace very fine, rounded gravel; gray.
		Middle 0.30 foot; SAND, fine to very fine; mica-rich; dark brown with orange (iron) staining.
		Bottom 0.50 foot; CLAY; 1.30-foot recovery.
23	25	Blow count: 1-1-2-5
		Top 0.30 foot; SAND, medium.
		Middle 0.75 foot; CLAY, trace silt; gray.
		Bottom 0.45 foot; SAND, medium to fine; trace silt; gray.
25	27	Blow count: 2-3-5-8
		Top 0.40 foot; SAND, medium.
		Middle 0.60 foot; CLAY; trace silt; brown-gray.
		Bottom 0.60 foot; Sand, fine to medium and fine to medium gravel, well rounded, orange-brown; 1.60-foot recovery.
27	29	Blow count: 1-5-4-4
		Top 0.90 foot; SAND, medium to coarse, brown.
		Middle 0.50 foot; sand, medium and fine to medium gravel.

OWNER Rowe Industries

WELL NO. B-9

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DEPTH (FEET)		DESCRIPTION
FROM	TO	
27	29	Bottom 0.60 foot; SAND, medium to very fine; trace coarse gravel; trace gray clay band less than 0.10 foot thick; gray; 2.00-foot recovery.
29	31	Blow count: 4-5-7-8 Top 0.35 foot; SAND, medium to fine. Middle 0.85 foot; SAND, fine to coarse; some silt and clay; some fine to medium gravel; brown. Bottom 0.80 foot; SAND, medium to coarse; gray; trace medium gravel; trace clay band 0.10 foot thick; 2.00-foot recovery.
31	33	Blow count: 4-4-5-5 Top 0.60 foot; WASH; Sand, medium to fine; brown. Middle 1.20 feet; Clay and medium to coarse sand. Bottom 0.20 foot; SAND, medium; gray; 2.00-foot recovery.
33	35	Blow count: 23-22-20-30 Clay and medium sand; 2.00-foot recovery.
35	37	Blow count: 5-4-3-3 SAND, medium; some fine sand; mica-rich; silver-gray; 1.35-foot recovery.
37	39	Blow count: 5-6-2-2 Top 0.95 foot; SAND, medium; some fine sand; silver-gray. Middle 0.65 foot; CLAY; trace silt. Bottom 0.40 foot; CLAY; trace silt with very fine sand and silt band 0.10-foot thick; silver-gray; 2.00-foot recovery.

OWNER: Rowe Industries

WELL NO. B-9

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER <u>Rowe Industries</u>	
		WELL NO. <u>B-10</u>	
		PAGE <u>1</u>	OF <u>6</u> PAGES
LOCATION <u>Rowe Industries site; former</u>		SCREEN TYPE	
<u>drum storage area</u>		DIAM.	SLOT NO.
DATE COMPLETED <u>May 20, 1991</u>		SETTING	
DRILLING COMPANY <u>Delta Well and Pump Co., Inc.</u>		SAND PACK	
DRILLING METHOD <u>Hollow-stem auger</u>		CASING	
SAMPLING METHOD <u>Continuous split spoon</u>		SETTING	
OBSERVER <u>Karen Billick</u>		DEVELOPMENT	
REFERENCE POINT (RP) <u>Grade</u>		DURATION	
ELEVATION OF RP		STATIC WATER LEVEL	
REMARKS <u>Water encountered at approximately 22 feet below grade.</u>		YIELD	
DEPTH (FEET)		DESCRIPTION	
FROM	TO		
0	2	Blow count: 1-2-6-9	
		Top 0.80 foot; SAND, medium to fine; some medium to fine gravel, well rounded.	
		Bottom 0.80 foot; SAND, medium to coarse; moist, green stain; organic-rich; odor; trace cobble (diameter greater than 1/4 inch); trace medium gravel; 1.60-foot recovery.	
2	4	Blow count: 9-17-15-15	
		Top 0.80 foot; SAND, medium; some fine and coarse sand; little fine gravel; well rounded; dark brown; wet; strong odor.	
		Bottom 1.20 feet; SAND, medium; some medium to coarse gravel; trace coarse sand; trace cobble (diameter greater than 1/4 inch); brown; 2.00-foot recovery.	

OWNER Rowe Industries

WELL NO. B-10

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DEPTH (FEET) FROM TO		DESCRIPTION
4	6	Blow count: 16-37-16-17
		Top 0.80 foot; SAND, medium to fine; trace very fine quartz cobble;
		brown.
		Middle 0.65 foot; SAND, medium to fine; trace fine gravel; dark brown
		with red and green stain; strong odor.
		Bottom 0.55 foot; SAND, medium to fine; tan-brown; slight odor;
		2.00-foot recovery.
6	8	Blow count: 14-19-21-29
		Top 1.40 feet; SAND, medium to fine; some medium gravel; well rounded;
		red-brown; wet; odor.
		Bottom 0.60 foot; SAND, medium; mica bands near bottom of spoon; tan-
		brown; 2.00-foot recovery.
8	10	Blow count: 17-20-21-28
		Top 1.00 foot; SAND, medium to fine; trace fine gravel; well sorted;
		brown; slight odor.
		Bottom 1.00 foot; SAND, medium; trace fine gravel; tan-brown; moist;
		slight odor; 2.00-foot recovery.
10	12	Blow count: 22-18-26-20
		SAND, medium to fine; trace medium gravel, well sorted; mica-
		banding less than 0.01 foot thick; tan-brown; moist; odor;
		1.70-foot recovery.
12	14	Blow count: 9-10-12-15
		Top 0.90 foot; SAND, medium to fine; trace very fine gravel; brown;
		odor.

OWNER Rowe Industries

WELL NO. B-10

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DEPTH (FEET) FROM TO		DESCRIPTION
12	14	Bottom 1.10 feet; SAND, medium to coarse; trace very coarse sand; trace medium to fine gravel; well rounded; tan; silty clay and cobble in tip of split spoon; 2.00-foot recovery.
14	16	Blow count: 16-21-26-32 Top 0.40 foot; SAND, medium to fine; trace fine gravel. Next 0.50 foot; SAND, medium; moist; beige-white; odor. Next 0.50 foot; SAND, medium to fine; trace medium gravel; well rounded; moist. Bottom 0.60 foot; SAND, medium to very coarse; trace fine gravel, well rounded; tan-brown; 2.00-foot recovery.
16	18	Blow count: 19-11-13-15 Top 0.60 foot; SAND, medium to fine; trace cobble (diameter greater than 1/4 inch); dark brown. Bottom 1.00 foot; SAND, medium to coarse; light brown-tan; 1.60-foot recovery.
18	20	Blow count: 8-16-11-14 Top 0.30 foot; SAND, medium to fine; trace medium to fine gravel; light brown-tan. Bottom 1.30 feet; SAND, medium; brown; odor; 1.60-foot recovery.
20	22	Blow count: 7-8-10-11 Top 0.50 foot; SAND; medium to fine; brown. Bottom 1.00 foot; SAND, medium; some coarse sand; wet at tip of spoon; brown-beige; slight odor; 1.50-foot recovery.

OWNER Rowe Industries

WELL NO. B-10

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PAGES

DEPTH (FEET) FROM TO		DESCRIPTION
22	24	Blow count: 5-7-11-12
		Top 0.90 foot; SAND; medium to coarse; tan-brown.
		Bottom 0.90 foot; SAND, medium to fine; mica-rich; brown; 1.80-foot
		recovery.
24	26	Blow count: 13-11-10-12
		Top 0.85 foot; SAND, medium to coarse; trace fine gravel; orange-
		red stain.
		Middle 0.25 foot; Silty clay; mica-rich; silver-grav.
		Bottom 0.90 foot; SAND, medium; rust orange stain; 2.00-foot
		recovery.
26	28	Blow count: 4-8-12-10
		Top 1.00 foot; SAND, medium; brown.
		Bottom 0.60 foot; Sand, very fine; and silt; gray; 1.60-foot recovery.
28	30	Blow count: 3-4-10-4
		Top 0.60 foot; SAND, medium; brown.
		Middle 0.40 foot; SAND, medium to fine; white-gray.
		Bottom 0.40 foot; Silty clay; gray; 1.40-foot recovery.
30	32	Blow count: 3-5-2-1
		Top 1.00 foot; SAND, medium to fine; brown.
		Bottom 0.60 foot; Silty clay and very fine sand; 1.60-foot recovery.
32	34	Blow count: 4-6-3-2
		Top 1.00 foot; SAND, medium to fine; brown.
		Middle 0.70 foot; CLAY; some silt; red-gray.
		Bottom 0.30 foot; SAND, medium; trace fine and coarse sand; tan-brown;
		2.00-foot recovery.

OWNER Rowe Industries

WELL NO. B-10

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DEPTH (FEET) FROM TO		DESCRIPTION
34	36	Blow count: 6-8-6-7
		Top 1.20 feet; SAND, medium; trace fine sand.
		Middle 0.50 foot; Silty clay and sand; red.
		Bottom 0.30 foot; SAND, medium to coarse; mica-rich; gray;
		2.00-foot recovery.
36	38	Blow count: 15-16-10-12
		Top 0.60 foot; WASH; Sand, medium to fine; brown.
		Bottom 1.40 feet; SAND, medium; some coarse sand; gray; 2.00-foot
		recovery.
38	40	Blow count: 3-1-1-2
		Top 1.00 foot; SAND, medium to coarse; gray.
		Middle 0.15 foot; CLAY; some silt; silver-gray.
		Bottom 0.25 foot; SAND, medium to coarse; trace medium gravel;
		rounded; 1.40-foot recovery.
40	42	Blow count: 3-4-6-5
		Top 0.50 foot; WASH; Sand, medium to fine; brown.
		Middle 0.30 foot; CLAY; trace silt; silver-gray.
		Bottom 0.90 foot; SAND, medium to coarse; trace medium to fine gravel;
		1.70-foot recovery.
42	44	Blow count: 4-2-3-6
		Top 1.00 foot; SAND, medium to fine; trace silt.
		Middle 0.50 foot; CLAY; some silt; trace very fine sand; gray-silver.
		Bottom 0.50 foot; SAND; fine to very fine; trace silt, gray; 2.00-foot
		recovery.

OWNER	Rowe Industries
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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. B-11	
		PAGE 1	OF 2 PAGES
LOCATION Rowe Industries site; former		SCREEN TYPE	
drum storage area		DIAM.	SLOT NO.
DATE COMPLETED May 20, 1991		SETTING	
DRILLING COMPANY Delta Well and Pump Co, Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
OBSERVER Karen Billick		DEVELOPMENT	
REFERENCE POINT (RP) Grade		DURATION	
ELEVATION OF RP		STATIC WATER LEVEL	
REMARKS Borehole located approximately 5 feet east of B-10; between soil-vapor survey Stations DD-3 and DD-4.		YIELD	
DEPTH (FEET) FROM TO		DESCRIPTION	
0	2	Blow count: 2-5-7-8	
		Sand, fine to very fine and silt; some medium gravel; well rounded;	
		green staining; brown; 1.40-foot recovery.	
2	4	Blow count: 6-6-5-7	
		SAND, medium to fine; some fine gravel; trace cobble; brown; moist;	
		odor; 1.30-foot recovery.	
4	6	Blow count: 8-10-12-14	
		SAND, medium to very fine; trace medium to fine gravel; trace cobble;	
		brown; slight odor.	

OWNER Rowe Industries

WELL NO. B-11

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DEPTH (FEET) FROM TO		DESCRIPTION
6	8	Blow count: 30-20-12-16
		Top 0.60 foot; SAND, medium to fine; some silt; trace cobble (diameter greater than 1/6 inch).
		Middle 0.60 foot; SAND, medium to fine; brown with green and rust discoloration.
		Bottom 0.50 foot; SAND, medium to fine; trace fine gravel; tan; 1.70-foot recovery.
8	10	Blow count: 31-12-18-19
		Top 0.60 foot; SAND, medium to fine; trace very fine gravel; subangular.
		Middle 0.40 foot; SILT; some very fine sand; black with green and orange-red stainings.
		Bottom 0.75 foot; SAND, medium; trace fine gravel; gray-beige.
10	12	Top 0.25 foot; SAND, medium to fine; trace very fine gravel.
		Bottom 1.30 feet; SAND, medium; some coarse sand near bottom of spoon; trace medium quartz gravel; brown; 1.55-foot recovery.
12	14	Blow count: 19-9-19-26
		Top 1.00 foot; SAND, medium to fine; little fine gravel; angular; brown.
		Bottom 0.50 foot; SAND, medium to coarse; trace fine gravel; gray-beige; 1.50-foot recovery.
		End of Borehole.

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER <u>Rowe Industries</u>	
		WELL NO. <u>B-12</u>	
		PAGE <u>1</u>	OF <u>2</u> PAGES
LOCATION <u>Rowe Industries site; former</u>		SCREEN TYPE <u>1</u>	
<u>drum storage area</u>		DIAM.	SLOT NO.
DATE COMPLETED <u>May 21, 1991</u>		SETTING	
DRILLING COMPANY <u>Delta Well and Pump Co., Inc.</u> DRILLING METHOD <u>Hollow-stem auger</u> SAMPLING METHOD <u>Continuous split spoon</u>		SAND PACK	
		CASING	
		SETTING	
		DEVELOPMENT	
OBSERVER <u>Karen Billick</u>		DURATION	
REFERENCE POINT (RP) <u>Grade</u>		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	

REMARKS Borehole located 5 feet west of B-11 and 5 feet north of B-10.

DEPTH (FEET)		DESCRIPTION
FROM	TO	
0	2	Blow count: 3-24-19-8
		SAND, medium to fine; some medium gravel; trace crushed quartz cobble;
		brown with trace of black stain; 0.50-foot recovery.
2	4	Blow count: 4-4-5-6
		Sand, medium to very fine and silt; trace of fine to medium gravel;
		rounded; moist; strong odor; 1.00-foot recovery.
4	6	Blow count: 14-4-2-1
		Top 0.60 foot; SAND, medium to fine; trace silt; brown; moist.
		Bottom 0.40 foot; SAND, medium to fine; brown; moist; 1.00-foot
		recovery.

OWNER	Rowe Industries
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WELL NO. B-12

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER <u>Rowe Industries</u>	
		WELL NO. <u>B-13</u>	
		PAGE <u>1</u>	OF <u>2</u> PAGES
LOCATION <u>Rowe Industries site; former</u>		SCREEN TYPE	
<u>drum storage area</u>		DIAM.	SLOT NO.
DATE COMPLETED <u>May 21, 1991</u>		SETTING	
DRILLING COMPANY <u>Delta Well and Pump Co., Inc.</u>		SAND PACK	
DRILLING METHOD <u>Hollow-stem auger</u>		CASING	
SAMPLING METHOD <u>Continuous split spoon</u>		SETTING	
OBSERVER <u>Karen Sillick</u>		DEVELOPMENT	
REFERENCE POINT (RP) <u>Grade</u>		DURATION	
ELEVATION OF RP		STATIC WATER LEVEL	
		YIELD	

REMARKS Borehole located approximately 5 feet west of B-10.

DEPTH (FEET)		DESCRIPTION
FROM	TO	
0	2	Blow count: 4-7-9-12
		SAND, medium to fine; trace quartz cobble (diameter greater than 1/4 inch); tan-brown; moist; slight odor; 1.60-foot recovery.
2	4	Blow count: 8-4-4-5
		Top 0.20 foot; SAND, medium to fine; moist; brown.
		Bottom 1.00 foot; SAND, medium to fine; trace silt; trace medium gravel; brown-black; wet; 1.20-foot recovery.
4	6	Blow count: 5-6-7-10
		SAND, medium to fine; some fine gravel; thin medium to very fine sand and silt band; 0.02-foot thick; moist; 1.70-foot recovery.

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER Rowe Industries	
		WELL NO. B-14	
		PAGE 1	OF 2 PAGES
LOCATION Rowe Industries site; former		SCREEN TYPE	
drum storage area		DIAM.	SLOT NO.
DATE COMPLETED May 21, 1991		SETTING	
DRILLING COMPANY Delta Well and Pump Co., Inc.		SAND PACK	
DRILLING METHOD Hollow-stem auger		CASING	
SAMPLING METHOD Continuous split spoon		SETTING	
		DEVELOPMENT	
OBSERVER Karen Billick		DURATION	
REFERENCE POINT (RP) Grade		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS Borehole located approximately 5 feet west of B-13.			
DEPTH (FEET) FROM TO		DESCRIPTION	
0	2	Blow count: 1-2-9-10	
		SAND, medium to fine; trace silt; trace cobble (diameter greater than 1/4 inch); brown with green stain; 1.40-foot recovery.	
2	4	Blow count: 6-6-7-5	
		SAND, medium to fine; trace medium to fine gravel; trace quartz cobble (diameter greater than 1/4 inch); 1.00-foot recovery.	
4	6	Blow count: 6-6-9-14	
		SAND, medium to fine; trace silt; trace medium to fine gravel; brown; 1.50-foot recovery.	

OWNER Rowe Industries

WELL NO. B-14

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER <u>Rowe Industries</u>	
		WELL NO. <u>B-15</u>	
		PAGE <u>1</u>	OF <u>2</u> PAGES
LOCATION <u>Rowe Industries site; inside</u>		SCREEN TYPE	
<u>SHI building</u>		DIAM.	SLOT NO.
DATE COMPLETED <u>June 4, 1991</u>		SETTING	
DRILLING COMPANY <u>Delta Well and Pump Co., Inc.</u>		SAND PACK	
DRILLING METHOD <u>Hollow-stem auger</u>		CASING	
SAMPLING METHOD <u>Continuous split spoon</u>		SETTING	
OBSERVER <u>Karen Billick</u>		DEVELOPMENT	
REFERENCE POINT (RP) <u>Grade</u>		DURATION	
ELEVATION OF RP		STATIC WATER LEVEL	
REMARKS <u>Borehole inside building near soil-vapor survey location.</u>		YIELD	
DEPTH (FEET)		DESCRIPTION	
FROM	TO		
<u>0</u>	<u>2</u>	Blow count: <u>46-60-39-35</u>	
		<u>SAND, fine to coarse; some medium to fine gravel; trace cobble at</u>	
		<u>bottom of spoon; brown; dry; 1.50-foot recovery.</u>	
<u>2</u>	<u>4</u>	Blow count: <u>30-22-15-17</u>	
		<u>Top 0.65 foot; COBBLE; crushed.</u>	
		<u>Bottom 0.20 foot; SAND, medium to fine; trace gravel; 0.85-foot</u>	
		<u>recovery.</u>	
<u>4</u>	<u>6</u>	Blow count: <u>22-24-25-27</u>	
		<u>Top 0.40 foot; COBBLE; crushed.</u>	
		<u>Bottom 1.30 feet; SAND, medium to fine; some fine gravel; trace</u>	
		<u>cobble; tan-brown; dry; 1.70-foot recovery.</u>	

OWNER Rowe Industries

WELL NO. B-15

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GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT		OWNER <u>Rowe Industries</u>	
		WELL NO. <u>B-16</u>	
		PAGE <u>1</u>	OF <u>2</u> PAGES
LOCATION <u>Rowe Industries site</u>		SCREEN TYPE	
		DIAM.	SLOT NO.
DATE COMPLETED <u>June 5, 1991</u>		SETTING	
DRILLING COMPANY <u>Delta Well and Pump Co., Inc.</u>		SAND PACK	
DRILLING METHOD <u>Hollow-stem auger</u>		CASING	
SAMPLING METHOD <u>Continuous split spoon</u>		SETTING	
		DEVELOPMENT	
OBSERVER <u>Karen Billick</u>		DURATION	
REFERENCE POINT (RP) <u>Grade</u>		STATIC WATER LEVEL	
ELEVATION OF RP		YIELD	
REMARKS <u>Borehole in shed area near soil-vapor survey location</u>			
DEPTH (FEET)		DESCRIPTION	
FROM	TO		
0	2	Blow count: 19-7-4-5	
		SAND, medium to fine; trace silt and fine gravel; cobble wedged	
		inside tip of spoon; 0.25-foot recovery.	
2	4	Blow count: 5-4-11-20	
		SAND, fine; trace gravel; trace very fine sand; trace silt; brown;	
		iron staining; 0.60-foot recovery.	
4	6	Blow count: 28-34-28-43	
		SAND, medium to fine; trace fine gravel; brown; no measurable	
		recovery.	

OWNER	Rowe Industries
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WELL NO. B-16

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APPENDIX XII
GC Chromatographs

SCENTOGRAPH TRACE PRINOUT

TRACE #11 DATE: Wed Sep 27 17:07:13 1989

CHANNEL: 1 NAME: AA-1
COLUMN: 3%SP-1000 DETECTOR: AID

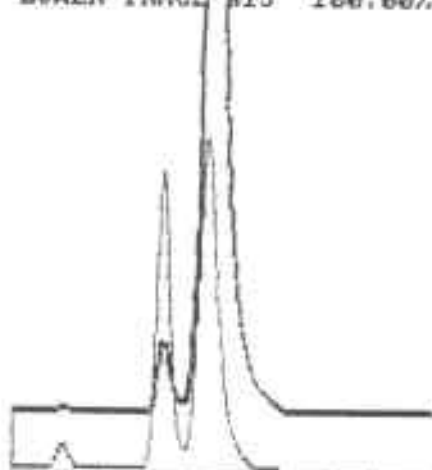
COLUMN PRESSURE: 26

TEMPERATURE: 40 INHIBIT TIME: 50 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	111-TCA	85	22652	154.848 PPB
2	TCE	149	527736	253.872 PPB
3	PCE	178	10464131	2825.348 PPB

TOTAL AREA: 11014519

NAME: AA-1
UPPER TRACE #11 101.78% Sep 27, 89 17:07
LOWER TRACE #15 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 40-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #17 DATE: Wed Sep 27 17:38:57 1989

CHANNEL: 1 NAME: AA-2

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 40 INHIBIT TIME: 50 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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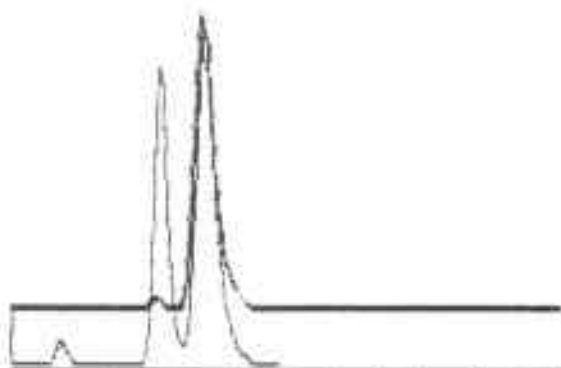
1	TCE	146	57942	23.665 PPB
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2	PCE	175	3226500	729.109 PPB
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TOTAL AREA: 3284442

NAME: AA-2
UPPER TRACE #17 54.28% Sep 27,89 17:38
LOWER TRACE #15 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 40-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #20 DATE: Wed Sep 27 18:03:45 1989

CHANNEL: 1 NAME: AA-3
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26

TEMPERATURE: 40 INHIBIT TIME: 50 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	TCE	146	23896	9.760 PPB
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2	PCE	175	2321595	524.623 PPB
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TOTAL AREA: 2345491

NAME: AA-3
UPPER TRACE #20 38.71% Sep 27, 89 18:03
LOWER TRACE #15 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 40-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #23 DATE: Wed Sep 27 18:22:00 1989

CHANNEL: 1 NAME: AA-4
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26

TEMPERATURE: 40 INHIBIT TIME: 50 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	TCE	144	9585	3.915 PPB
2	PCE	174	4772991	1078.578 PPB
3	UNKNOWN	370	288874	19.595 PPB

TOTAL AREA: 5071450

NAME: AA-4
UPPER TRACE #23 83.70% Sep 27, 89 18:22
LOWER TRACE #15 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 40-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #26 DATE: Wed Sep 27 18:54:01 1989

CHANNEL: 1 NAME: AA-5

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 40 INHIBIT TIME: 50 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	TCE	144	23326	9.527 PPB
---	-----	-----	-------	-----------

2	PCE	173	496725	112.248 PPB
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TOTAL AREA: 520051

NAME: AA-5
UPPER TRACE #26 8.58% Sep 27,89 18:54
LOWER TRACE #15 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 40-60 , @ Seos
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 15 Minutes



SCENTOGRAPH TRACE PRINOUT

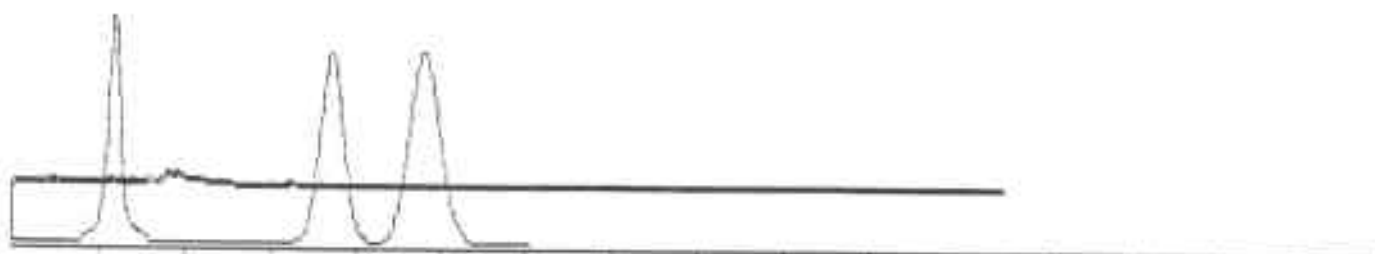
TRACE #38 DATE: Thu Aug 17 12:59:23 1989

CHANNEL: 1 NAME: A-2
COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	33	198416	0.000 PPM
2	UNKNOWN	89	241432	0.000 PPM
3	TCE	135	34784	0.017 PPM
4	UNKNOWN	154	40718	0.000 PPM
5	UNKNOWN	222	70564	0.000 PPM
6	UNKNOWN	310	31950	0.000 PPM
TOTAL AREA:			617864	

NAME: A-2
UPPER TRACE #38 10.53% Aug 17,89 12:59
LOWER TRACE #33 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #30 DATE: Thu Aug 17 12:13:42 1989

CHANNEL: 1 NAME: A-4
COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

TOTAL AREA: 0

NAME: A-4
UPPER TRACE #30 0.00% Aug 17,89 12:13
LOWER TRACE #20 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #26 DATE: Thu Aug 17 11:39:50 1989

CHANNEL: 1 NAME: A-6
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	47	164459	0.000 PPM
2	TCE	133	85959	0.057 PPM
3	PCE	167	52118	0.025 PPM
4	UNKNOWN	214	155379	0.000 PPM
5	UNKNOWN	395	26724	0.000 PPM
6	UNKNOWN	445	39784	0.000 PPM
7	UNKNOWN	485	10011	0.000 PPM
TOTAL AREA:			534434	

NAME: A-6
UPPER TRACE #26 11.50% Aug 17,89 11:39
LOWER TRACE #20 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 8 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #23 DATE: Thu Aug 17 11:11:55 1989

CHANNEL: 1 NAME: A-7
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	111-TCA	59	19217	0.016 PPM
2	UNKNOWN	68	109167	0.000 PPM
3	TCE	133	905615	0.604 PPM
4	PCE	165	186189	0.090 PPM
5	UNKNOWN	199	26266	0.000 PPM
6	UNKNOWN	281	68562	0.000 PPM
7	UNKNOWN	385	68203	0.000 PPM
8	UNKNOWN	405	55256	0.000 PPM

TOTAL AREA: 1438475

NAME: A-7
UPPER TRACE #23 30.96% Aug 17,89 11:11
LOWER TRACE #20 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #15 DATE: Thu Aug 17 10:27:36 1989

CHANNEL: 1 NAME: A-8
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	35	16620	0.000 PPM
2	UNKNOWN	43	37212	0.000 PPM
3	UNKNOWN	66	113854	0.000 PPM
4	TCE	132	1833687	1.076 PPM
5	PCE	164	436015	0.185 PPM
6	UNKNOWN	225	78429	0.000 PPM
7	UNKNOWN	354	72923	0.000 PPM

TOTAL AREA: 2588740

NAME: A-8
UPPER TRACE #15 50.97% Aug 17, 89 10:27
LOWER TRACE #8 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 8 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #12 DATE: Thu Aug 17 09:29:45 1989

CHANNEL: 1 NAME: A-11

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	UNKNOWN	66	16713	0.000 PPM
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2	UNKNOWN	106	11840	0.000 PPM
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3	TCE	131	210438	0.123 PPM
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4	PCE	164	180995	0.077 PPM
---	-----	-----	--------	-----------

5	UNKNOWN	267	30014	0.000 PPM
---	---------	-----	-------	-----------

6	UNKNOWN	373	103252	0.000 PPM
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TOTAL AREA: 553252

NAME: A-11
UPPER TRACE #12 10.99% Aug 17,89 09:29
LOWER TRACE #8 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #85 DATE: Fri Aug 18 11:07:06 1989

CHANNEL: 1 NAME: B-7
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	136	188446	0.086 PPM
TOTAL AREA:			188446	

NAME: B-7
UPPER TRACE #85 2.95% Aug 18, 89 11:07
LOWER TRACE #68 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #81 DATE: Fri Aug 18 10:44:46 1989

CHANNEL: 1 NAME: B-8

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

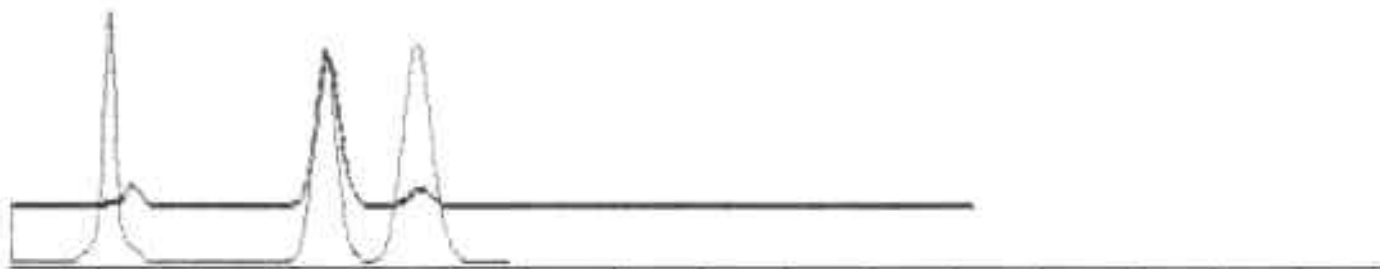
PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	UNKNOWN	67	165387	0.000 PPM
2	TCE	135	1511137	0.692 PPM
3	PCE	169	187125	0.061 PPM
4	UNKNOWN	193	121252	0.000 PPM
5	UNKNOWN	320	84980	0.000 PPM

TOTAL AREA: 2069881

NAME: B-8
UPPER TRACE #81 32.48% Aug 18, 89 10:44
LOWER TRACE #68 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.790
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #74 DATE: Fri Aug 18 10:13:11 1989

CHANNEL: 1 NAME: B-9

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	65	392678	0.000 PPM
2	TCE	132	6378979	2.922 PPM
3	PCE	164	736398	0.239 PPM
4	UNKNOWN	266	51639	0.000 PPM
5	UNKNOWN	282	10160	0.000 PPM
6	UNKNOWN	300	47088	0.000 PPM

TOTAL AREA: 7616942

NAME: B-9
UPPER TRACE #74 9.21% Aug 18, 89 10:13
LOWER TRACE #68 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #72 DATE: Fri Aug 18 09:54:07 1989

CHANNEL: 1 NAME: B-10
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	80	88658	0.000 PPM
2	UNKNOWN	105	19122	0.000 PPM
3	TCE	131	114248	0.052 PPM
4	UNKNOWN	147	17650	0.000 PPM
5	PCE	166	104740	0.034 PPM
TOTAL AREA:			344418	

NAME: B-10
UPPER TRACE #72 5.39% Aug 18, 89 09:54
LOWER TRACE #68 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #60 DATE: Thu Aug 17 16:18:16 1989

CHANNEL: 1 NAME: C-2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	42	35557	0.000 PPM
2	UNKNOWN	76	34222	0.000 PPM
3	UNKNOWN	107	106421	0.000 PPM
4	UNKNOWN	181	106089	0.000 PPM
5	UNKNOWN	225	95694	0.000 PPM
6	UNKNOWN	292	23077	0.000 PPM
7	UNKNOWN	300	101599	0.000 PPM
TOTAL AREA:			502659	

NAME: C-2
UPPER TRACE #60 8.81% Aug 17,89 16:18
LOWER TRACE #50 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #59 DATE: Thu Aug 17 16:07:49 1989

CHANNEL: 1 NAME: C-4
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	97	30438	0.000 PPM
2	UNKNOWN	171	72975	0.000 PPM
3	UNKNOWN	197	97561	0.000 PPM
4	UNKNOWN	264	54382	0.000 PPM
5	UNKNOWN	357	96003	0.000 PPM
6	UNKNOWN	460	62626	0.000 PPM

TOTAL AREA: 413985

NAME: C-4
UPPER TRACE #59 7.26% Aug 17,89 16:07
LOWER TRACE #50 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #58 DATE: Thu Aug 17 16:01:55 1989

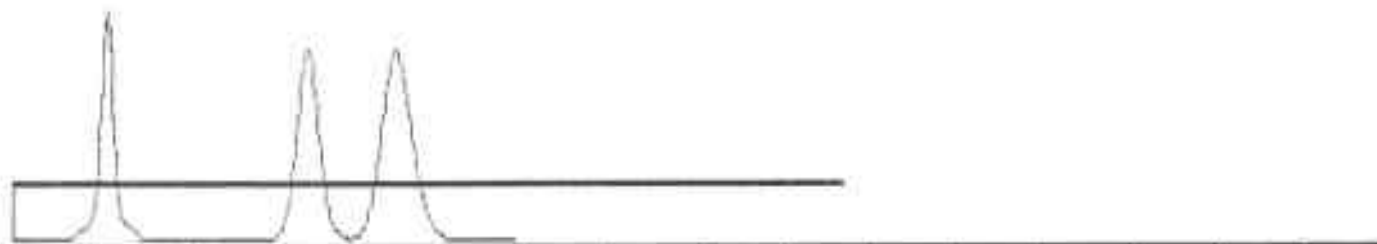
CHANNEL: 1 NAME: C-4
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	47	117294	0.000 PPM
2	TCE	126	115850	0.060 PPM
3	UNKNOWN	195	36997	0.000 PPM
4	UNKNOWN	219	9670	0.000 PPM
5	UNKNOWN	226	19038	0.000 PPM
6	UNKNOWN	251	61085	0.000 PPM
7	UNKNOWN	275	43366	0.000 PPM
8	UNKNOWN	310	23415	0.000 PPM
TOTAL AREA:			426715	

NAME: C-4
UPPER TRACE #58 7.48% Aug 17,89 16:01
LOWER TRACE #58 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #56 DATE: Thu Aug 17 15:45:29 1989

CHANNEL: 1 NAME: C-6
COLUMN: 3%SP-1000 DETECTOR: AID

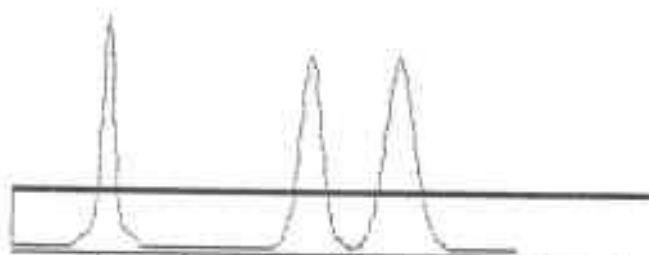
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	UNKNOWN	73	52114	0.000 PPM
2	TCE	129	168347	0.088 PPM
3	UNKNOWN	217	23736	0.000 PPM
4	UNKNOWN	239	31390	0.000 PPM

TOTAL AREA: 275587

NAME: C-6
UPPER TRACE #56 4.83% Aug 17,89 15:45
LOWER TRACE #50 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #53 DATE: Thu Aug 17 15:24:55 1989

CHANNEL: 1 NAME: C-7
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	111-TCA	58	245424	0.180 PPM
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TOTAL AREA: 245424

NAME: C-7
UPPER TRACE #53 4.30% Aug 17,89 15:24
LOWER TRACE #50 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

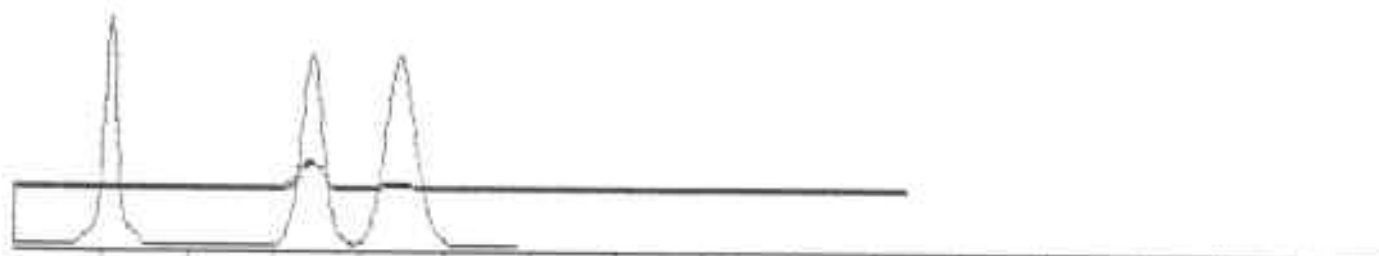
TRACE #49 DATE: Thu Aug 17 14:55:23 1989

CHANNEL: 1 NAME: C-8
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	71	78028	0.000 PPM
2	TCE*	129	268252	0.140 PPM
3	PCE*	160	74528	0.028 PPM
4	UNKNOWN	187	111631	0.000 PPM
5	UNKNOWN	280	29922	0.000 PPM
6	UNKNOWN	300	64422	0.000 PPM
TOTAL AREA:			626783	

NAME: C-8
UPPER TRACE #49 10.99% Aug 17,89 14:55
LOWER TRACE #50 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #46 DATE: Thu Aug 17 14:29:58 1989

CHANNEL: 1 NAME: C-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	128	69264	0.035 PPM
2	UNKNOWN	216	46085	0.000 PPM
TOTAL AREA:			115349	

NAME: C-9
UPPER TRACE #46 1.97% Aug 17, 89 14:29
LOWER TRACE #33 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #45 DATE: Thu Aug 17 14:22:34 1989

CHANNEL: 1 NAME: C-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	86	72989	0.000 PPM
2	TCE	136	86256	0.043 PPM
3	UNKNOWN	207	20681	0.000 PPM

TOTAL AREA: 179926

NAME: C-9
UPPER TRACE #25 3.87% Aug 17, 89 14:22
LOWER TRACE #33 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #43 DATE: Thu Aug 17 14:04:42 1989

CHANNEL: 1 NAME: C-10
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	140	68761	0.034 PPM
2	UNKNOWN	153	21936	0.000 PPM
TOTAL AREA:			90697	

NAME: C-10
UPPER TRACE #43 1.55% Aug 17,89 14:04
LOWER TRACE #33 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #40 DATE: Thu Aug 17 13:35:43 1989

CHANNEL: 1 NAME: C-11
COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	PCE	165	96911	0.035 PPM
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TOTAL AREA: 96911

NAME: C-11
UPPER TRACE #40 1.65% Aug 17, 89 13:35
LOWER TRACE #33 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #41 DATE: Thu Aug 17 13:40:45 1989

CHANNEL: 1 NAME: C-11
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	85	129912	0.000 PPM
TOTAL AREA:			129912	

NAME: C-11
UPPER TRACE #41 2.21% Aug 17, 89 13:40
LOWER TRACE #33 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #98 DATE: Fri Aug 18 13:46:42 1989

CHANNEL: 1 NAME: D-7
COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	68	298245	0.000 PPM
2	TCE	137	51704	0.029 PPM
TOTAL AREA:			349949	

NAME: D-7
UPPER TRACE #98 6.46% Aug 18,89 13:46
LOWER TRACE #94 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 8 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #90 DATE: Fri Aug 18 12:59:18 1989

CHANNEL: 1 NAME: D-8
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

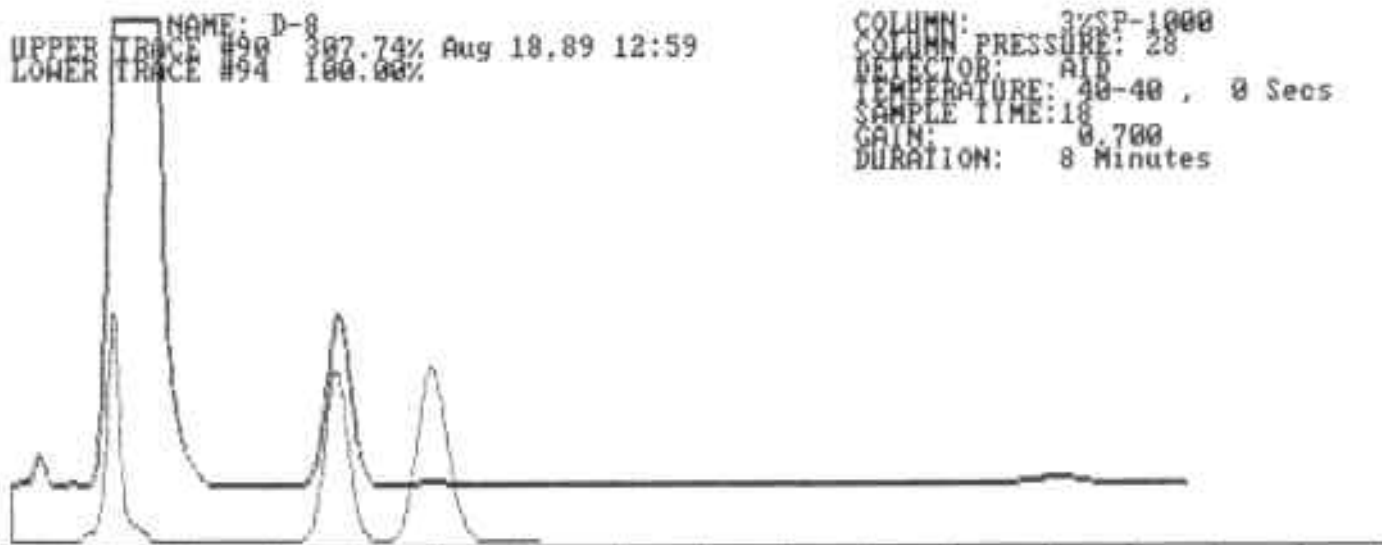
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	35	128573	0.000 PPM
2	UNKNOWN	47	24308	0.000 PPM
3	UNKNOWN	73	14371137	0.000 PPM
4	TCE*	139	1819023	1.014 PPM
5	PCE	170	88711	0.029 PPM
6	UNKNOWN	392	241532	0.000 PPM

TOTAL AREA: 16673284

NAME: D-8
UPPER TRACE #90 387.74% Aug 18, 89 12:59
LOWER TRACE #94 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #89 DATE: Fri Aug 18 12:42:23 1989

CHANNEL: 1 NAME: D-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	41	3865	0.000 PPM
2	UNKNOWN	207	48184	0.000 PPM
3	UNKNOWN	388	26212	0.000 PPM
TOTAL AREA:			78261	

NAME: D-9
UPPER TRACE #89 1.22% Aug 18,89 12:42
LOWER TRACE #68 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #87 DATE: Fri Aug 18 11:31:20 1989

CHANNEL: 1 NAME: D-11
COLUMN: 3%SP-1000 DETECTOR: AID

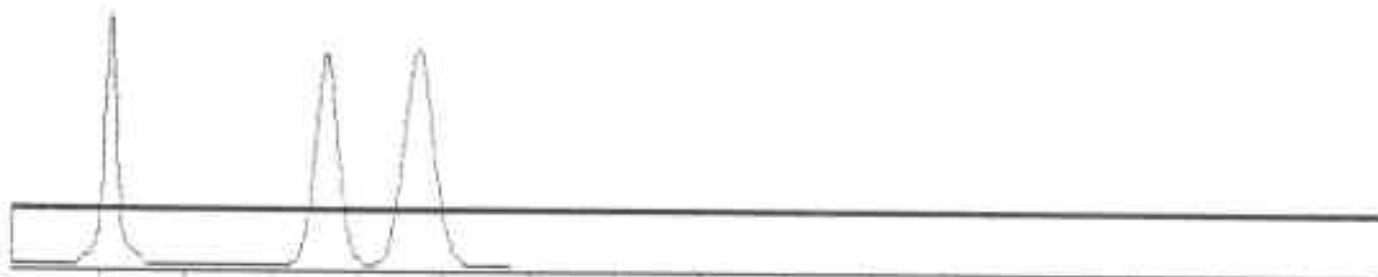
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	235	47058	0.000 PPM
2	UNKNOWN	301	56501	0.000 PPM
3	UNKNOWN	331	22018	0.000 PPM

TOTAL AREA: 125577

NAME: D-11
UPPER TRACE #87 1.97% Aug 18, 89 11:31
LOWER TRACE #88 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #103 DATE: Fri Aug 18 14:51:28 1989

CHANNEL: 1 NAME: E-8
COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	47	5833	0.000 PPM
2	UNKNOWN	57	4899	0.000 PPM
3	UNKNOWN	183	48792	0.000 PPM
4	UNKNOWN	219	7638	0.000 PPM

TOTAL AREA: 67162

NAME: E-8
UPPER TRACE #103 1.24% Aug 18, 89 14:51
LOWER TRACE #94 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 @ Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

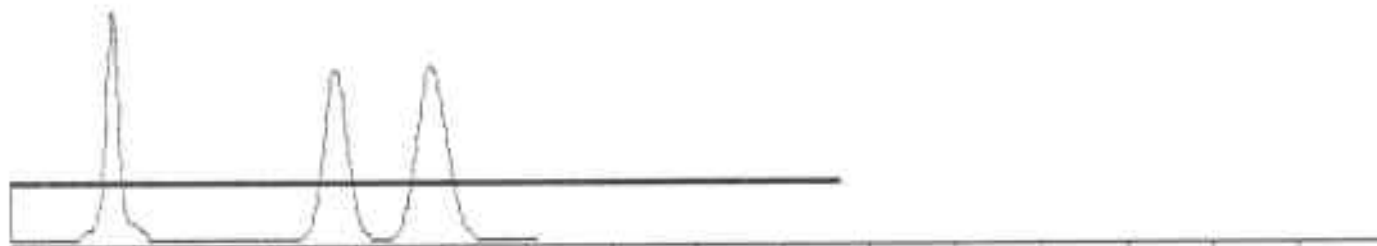
TRACE #101 DATE: Fri Aug 18 14:25:58 1989

CHANNEL: 1 NAME: E-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	67	4290	0.000 PPM
2	UNKNOWN	89	22827	0.000 PPM
3	UNKNOWN	290	30334	0.000 PPM
TOTAL AREA:			57451	

NAME: E-9
UPPER TRACE #101 1.06% Aug 18, 89 14:25
LOWER TRACE #94 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #102 DATE: Fri Aug 18 14:33:13 1989

CHANNEL: 1 NAME: E-9/DUP

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	93	75975	0.000 PPM
2	UNKNOWN	186	119719	0.000 PPM
3	UNKNOWN	252	48832	0.000 PPM
4	UNKNOWN	310	61772	0.000 PPM
5	UNKNOWN	361	56259	0.000 PPM
6	UNKNOWN	416	42155	0.000 PPM

TOTAL AREA: 404712

NAME: E-9/DUP
UPPER TRACE #102 7.47% Aug 18, 89 14:33
LOWER TRACE #94 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #100 DATE: Fri Aug 18 14:07:46 1989

CHANNEL: 1 NAME: E-11
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	121	119152	0.000 PPM
2	UNKNOWN	236	105887	0.000 PPM
TOTAL AREA:			225039	

NAME: E-11
UPPER TRACE #100 4.15% Aug 18, 89 14:07
LOWER TRACE #94 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #31 DATE: Tue Aug 15 16:27:47 1989

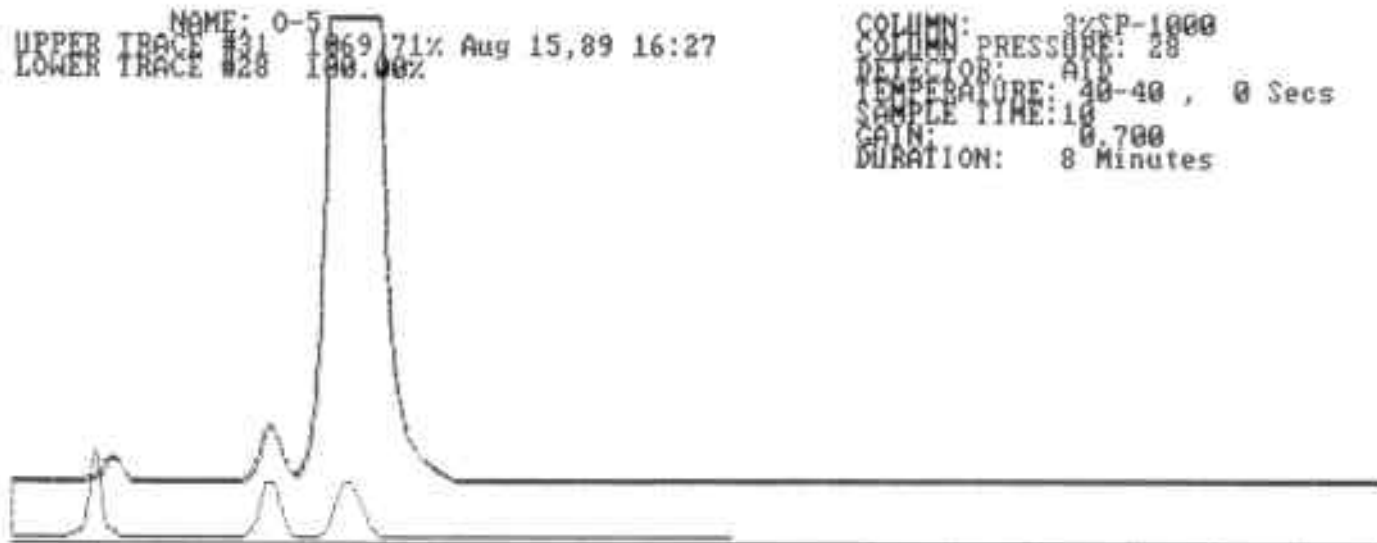
CHANNEL: 1 NAME: O-5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	61	195036	0.000 PPM
2	TCE	116	546559	1.026 PPM
3	PCE*	149	16901948	24.039 PPM
4	UNKNOWN	435	151489	0.000 PPM

TOTAL AREA: 17795032

NAME: O-5
UPPER TRACE #31 1869.71% Aug 15, 89 16:27
LOWER TRACE #28 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

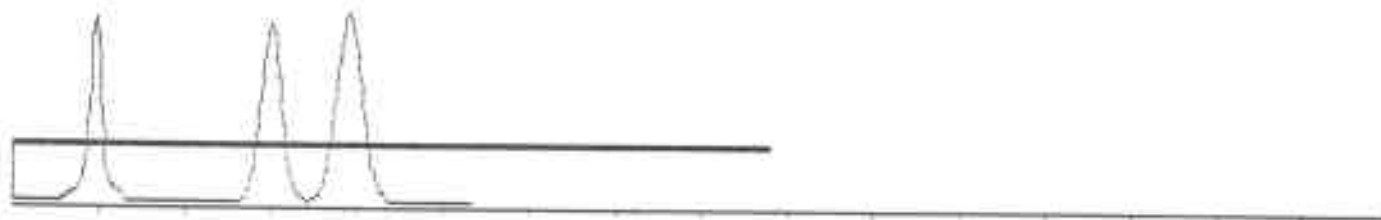
TRACE #27 DATE: Tue Aug 15 15:38:32 1989

CHANNEL: 1 NAME: O-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	273	12905	0.000 PPB
TOTAL AREA:			12905	

NAME: O-9
UPPER TRACE #27 0.27% Aug 15,89 15:38
LOWER TRACE #6 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 8 Secs
SAMPLE TIME: 20
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #91 DATE: Wed Aug 16 14:49:24 1989

CHANNEL: 1 NAME: Q-4
COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	32	4073	0.000 PPM
2	UNKNOWN	58	129167	0.000 PPM
3	TCE*	104	1225804	1.097 PPM
4	PCE*	129	663380	0.418 PPM
5	UNKNOWN	192	60182	0.000 PPM
TOTAL AREA: 2082606				

NAME: Q-4
UPPER TRACE #91 65.88% Aug 16,89 14:49
LOWER TRACE #93 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #81 DATE: Wed Aug 16 13:53:44 1989

CHANNEL: 1 NAME: Q-6

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	59	88299	0.000 PPM
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2	UNKNOWN	92	8235	0.000 PPM
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3	TCE	108	108882	0.128 PPM
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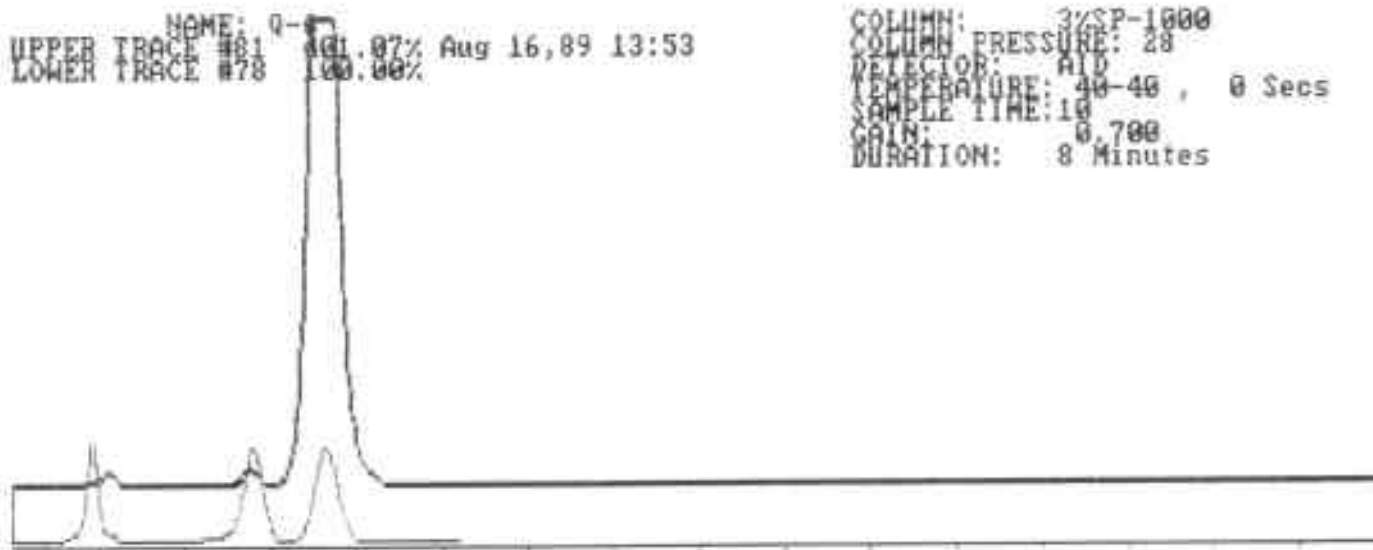
4	PCE	134	9059681	8.549 PPM
---	-----	-----	---------	-----------

5	UNKNOWN	317	159136	0.000 PPM
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TOTAL AREA: 9424233

NAME: Q-6
UPPER TRACE #81 101.87% Aug 16, 89 13:53
LOWER TRACE #78 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #61 DATE: Wed Aug 16 12:19:00 1989

CHANNEL: 1 NAME: Q-8
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

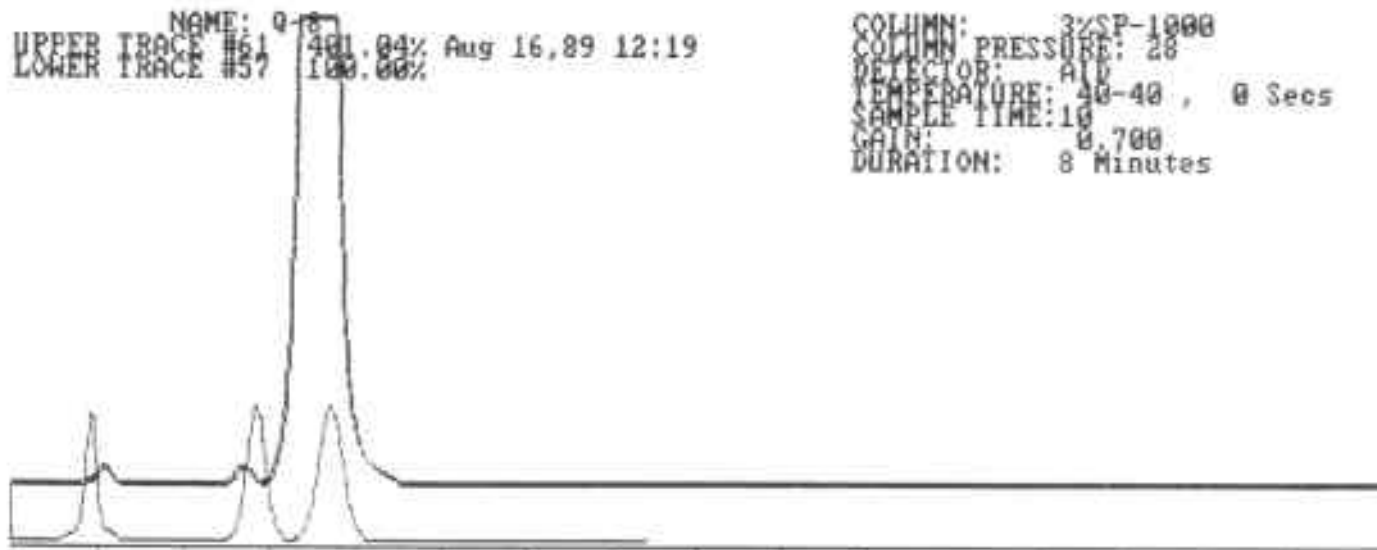
PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	UNKNOWN	58	113727	0.000 PPM
2	TCE	106	128358	0.110 PPM
3	PCE	135	12785620	7.942 PPM
4	UNKNOWN	483	188209	0.000 PPM

TOTAL AREA: 13215914

NAME: Q-8
UPPER TRACE #61 481.84% Aug 16,89 12:19
LOWER TRACE #57 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #76 DATE: Sat Aug 19 16:57:48 1989

CHANNEL: 1 NAME: NS-2

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	TCE	135	333397	159.447 PPB
---	-----	-----	--------	-------------

2	PCE	167	23262	7.781 PPB
---	-----	-----	-------	-----------

TOTAL AREA: 356659

NAME: NS-2
UPPER TRACE #76 5.88% Aug 19,89 16:57
LOWER TRACE #61 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #74 DATE: Sat Aug 19 16:42:08 1989

CHANNEL: 1 NAME: NS-2.5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	76	34466	0.000 PPB
2	TCE	134	392064	187.504 PPB
TOTAL AREA:			426530	

NAME: NS-2.5
UPPER TRACE #74 6.94% Aug 19,89 16:42
LOWER TRACE #61 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 8 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #70 DATE: Sat Aug 19 16:06:15 1989

CHANNEL: 1 NAME: S-1.5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	TCE	131	338850	162.055 PPB
2	UNKNOWN	200	41612	0.000 PPB

TOTAL AREA: 380462

NAME: S-1.5
UPPER TRACE #70 6.19% Aug 19,89 16:06
LOWER TRACE #61 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #72 DATE: Sat Aug 19 16:20:39 1989

CHANNEL: 1 NAME: S-2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	TCE	133	197457	94.434 PPB
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TOTAL AREA: 197457

NAME: S-2
UPPER TRACE #72 3.21% Aug 19,89 16:20
LOWER TRACE #61 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #60 DATE: Sat Aug 19 15:08:03 1989

CHANNEL: 1 NAME: T-1

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

TOTAL AREA: 0

NAME: T-1
UPPER TRACE #60 9.00% Aug 19,89 15:08
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #57 DATE: Sat Aug 19 14:43:40 1989

CHANNEL: 1 NAME: T-1.5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCE 163 51429 15.355 PPB
 TOTAL AREA: 51429

NAME: T-1.5
UPPER TRACE #57 0.80% Aug 19,89 14:43
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #58 DATE: Sat Aug 19 14:50:01 1989

CHANNEL: 1 NAME: T-1.5/DUP
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE	164	36269	10.829 PPB
TOTAL AREA:			36269	

NAME: T-1.5/DUP
UPPER TRACE #58 0.56% Aug 19,89 14:50
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #55 DATE: Sat Aug 19 14:28:06 1989

CHANNEL: 1 NAME: T-2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	136	53855	0.000 PPB
2	UNKNOWN	246	78214	0.000 PPB
3	UNKNOWN	266	48685	0.000 PPB
4	UNKNOWN	278	34644	0.000 PPB
TOTAL AREA:			215398	

NAME: T-2
UPPER TRACE #55 3.35% Aug 19, 89 14:28
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #49 DATE: Sat Aug 19 13:43:04 1989

CHANNEL: 1 NAME: TU-1
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	PCE	158	136760	40.832 PPB
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TOTAL AREA: 136760

NAME: TU-1
UPPER TRACE #49 2.13% Aug 19,89 13:43
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1,000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #51 DATE: Sat Aug 19 13:59:54 1989

CHANNEL: 1 NAME: TU-1.5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	131	4733	2.033 PPB
2	PCE	158	400834	119.677 PPB
TOTAL AREA:			405567	

NAME: TU-1.5
UPPER TRACE #51 6.32% Aug 19, 89 13:59
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #53 DATE: Sat Aug 19 14:14:50 1989

CHANNEL: 1

NAME: TU-2

COLUMN: 3%SP-1000

DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40

INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	PCE	158	182333	54.439 PPB
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TOTAL AREA: 182333

NAME: TU-2
UPPER TRACE #53 2.84% Aug 19,89 14:14
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
COIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #47 DATE: Sat Aug 19 13:25:40 1989

CHANNEL: 1 NAME: U-0.5

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	28	53832	0.000 PPB
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2	UNKNOWN	141	23530	0.000 PPB
---	---------	-----	-------	-----------

3	PCE	158	207126	61.842 PPB
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TOTAL AREA: 284488

NAME: U-0.5
UPPER TRACE #47 4.43% Aug 19, 89 13:25
LOWER TRACE #41 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #44 DATE: Sat Aug 19 13:09:59 1989

CHANNEL: 1 NAME: U-1

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	67	59240	0.000 PPB
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2	PCE	160	371024	110.777 PPB
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TOTAL AREA: 430264

NAME: U-1
UPPER TRACE #44 6.70% Aug 19,89 13:09
LOWER TRACE #41 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #37 DATE: Sat Aug 19 12:31:03 1989

CHANNEL: 1 NAME: U-1.5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE*	166	779187	232.642 PPB
2	UNKNOWN	320	93479	0.000 PPB
TOTAL AREA:			872666	

NAME: U-1.5
UPPER TRACE #37 13.59% Aug 19,89 12:31
LOWER TRACE #41 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #34 DATE: Sat Aug 19 12:08:29 1989

CHANNEL: 1 NAME: U-2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE	170	491461	277.232 PPB
TOTAL AREA:			491461	

NAME: U-2
UPPER TRACE #34 7.65% Aug 19, 89 12:08
LOWER TRACE #11 100.00%
PEAK# NAME RT AREA
1 PCE 170 491461 = 277.23 PPB



SCENTOGRAPH TRACE PRINOUT

TRACE #34 DATE: Sat Aug 19 12:08:29 1989

CHANNEL: 1 NAME: U-2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	PCE	170	491461	277.232 PPB
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TOTAL AREA: 491461

NAME: U-2
UPPER TRACE #34 7.65% Aug 19, 89 12:08
LOWER TRACE #41 100.00%

PEAK#	NAME	RT	AREA
1	PCE	170	491461 = 277.23 PPB



SCENTOGRAPH TRACE PRINOUT

TRACE #28 DATE: Sat Aug 19 11:34:31 1989

CHANNEL: 1 NAME: V-2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	UNKNOWN	94	37784	0.000 PPB
2	TCE*	140	29845	20.534 PPB
3	PCE	178	40680	19.426 PPB

TOTAL AREA: 108309

NAME: U-2
UPPER TRACE #28 2.78% Aug 19,89 11:34
LOWER TRACE #38 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #7 DATE: Fri Aug 18 16:24:46 1989

CHANNEL: 1 NAME: V-3
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	115	35390	0.000 PPM
2	TCE	133	16579	0.009 PPM
3	PCE	160	18960	0.007 PPM
TOTAL AREA:			70929	

NAME: U-3
UPPER TRACE #2 1.28% Aug 18,89 16:24
LOWER TRACE #3 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes



SCINTOGRAPH TRACE PRINOUT

TRACE #8 DATE: Fri Aug 18 16:46:44 1989

CHANNEL: 1 NAME: V-4

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	55	2295	0.000 PPM
2	UNKNOWN	89	9813	0.000 PPM
3	PCE	163	24035	0.009 PPM

TOTAL AREA: 36143

NAME: U-4
UPPER TRACE #8 0.65% Aug 18, 89 16:46
LOWER TRACE #3 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 0.700
DURATION: 8 Minutes

SCINTOGRAPH TRACE PRINOUT

TRACE #13 DATE: Fri Aug 18 17:15:18 1989

CHANNEL: 1 NAME: V-5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	154	55379	0.000 PPB
2	UNKNOWN	263	13369	0.000 PPB
3	UNKNOWN	300	19919	0.000 PPB
TOTAL AREA:			88667	

NAME: U-5
UPPER TRACE #13 1.47% Aug 18, 89 17:15
LOWER TRACE #10 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 6 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #15 DATE: Fri Aug 18 17:28:03 1989

CHANNEL: 1 NAME: V-6
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	TCE	128	25795	12.739 PPB
2	UNKNOWN	185	18752	0.000 PPB

TOTAL AREA: 44547

NAME: U-6
UPPER TRACE #15 0.74% Aug 18, 89 17:28
LOWER TRACE #10 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 8 Minutes



SCINTOGRAPH TRACE PRINOUT

TRACE #17 DATE: Fri Aug 18 17:43:52 1989

CHANNEL: 1 NAME: V-7

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	UNKNOWN	64	11457	0.000 PPB
2	UNKNOWN	88	8209	0.000 PPB
3	UNKNOWN	176	6350	0.000 PPB
4	UNKNOWN	253	4875	0.000 PPB

TOTAL AREA: 30891

NAME: U-7
UPPER TRACE #17 0.51% Aug 18,89 17:43
LOWER TRACE #10 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #19 DATE: Fri Aug 18 18:07:31 1989

CHANNEL: 1 NAME: V-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds
____ PEAK# NAME RT AREA CONCENTRATION

1 UNKNOWN 100 12147 0.000 PPB

TOTAL AREA: 12147

NAME: U-9
UPPER TRACE #19 0.20% Aug 18, 89 18:07
LOWER TRACE #19 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 8 Minutes



SCINTOGRAPH TRACE PRINOUT

TRACE #51 DATE: Wed Aug 16 11:04:07 1989

CHANNEL: 1 NAME: Y-7
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds
PEAK# NAME RT AREA CONCENTRATION

1	TCE	115	121713	0.176 PPM
2	PCE	142	2829990	3.042 PPM
3	UNKNOWN	268	97545	0.000 PPM
4	UNKNOWN	335	36448	0.000 PPM

TOTAL AREA: 3085696

NAME: Y-7
UPPER TRACE #51 143.56% Aug 16, 89 11:04
LOWER TRACE #47 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40, 8 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINTOUT

TRACE #56 DATE: Wed Aug 16 11:31:12 1989

CHANNEL: 1 NAME: Y-9
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 28
 TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE*	135	194079	0.121 PPM
2	UNKNOWN	280	51590	0.000 PPM
TOTAL AREA:			245669	

NAME: Y-9
 UPPER TRACE #56 7.45% Aug 16,89 11:31
 LOWER TRACE #57 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 28
 DETECTOR: AID
 TEMPERATURE: 40-40 , 0 Secs
 SAMPLE TIME: 10
 GAIN: 0.700
 DURATION: 8 Minutes



SCIENTOGRAPH TRACE PRINOUT

TRACE #99 DATE: Wed Aug 16 16:58:41 1989

CHANNEL: 1 NAME: Z-6
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE#	108	68315	0.061 PPM
2	PCE	133	577232	0.364 PPM
TOTAL AREA:			645547	

NAME: Z-6
 UPPER TRACE #99 20.42% Aug 16,89 16:58
 LOWER TRACE #93 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 28
 DETECTOR: AID
 TEMPERATURE: 40-40 , 0 Secs
 SAMPLE TIME: 10
 GAIN: 0.700
 DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #96 DATE: Wed Aug 16 15:34:03 1989

CHANNEL: 1 NAME: Z-8
COLUMN: 3%SP-1000 DETECTOR: AID

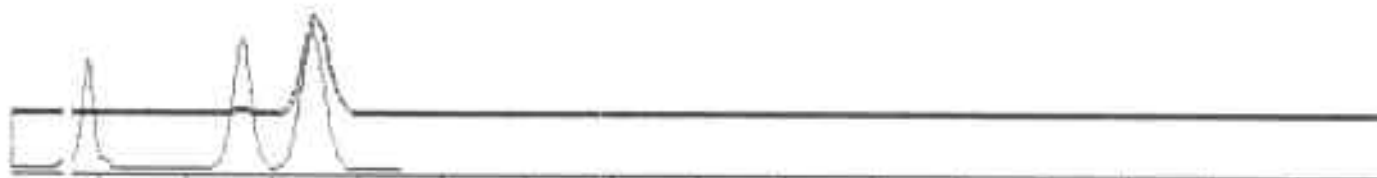
COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	UNKNOWN	27	2496	0.000 PPM
2	UNKNOWN	58	2848	0.000 PPM
3	TCE	106	30953	0.028 PPM
4	PCE	130	1043000	0.657 PPM
5	UNKNOWN	172	44015	0.000 PPM

TOTAL AREA: 1123312

NAME: Z-8
UPPER TRACE #96 35.54% Aug 16,89 15:34
LOWER TRACE #93 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes

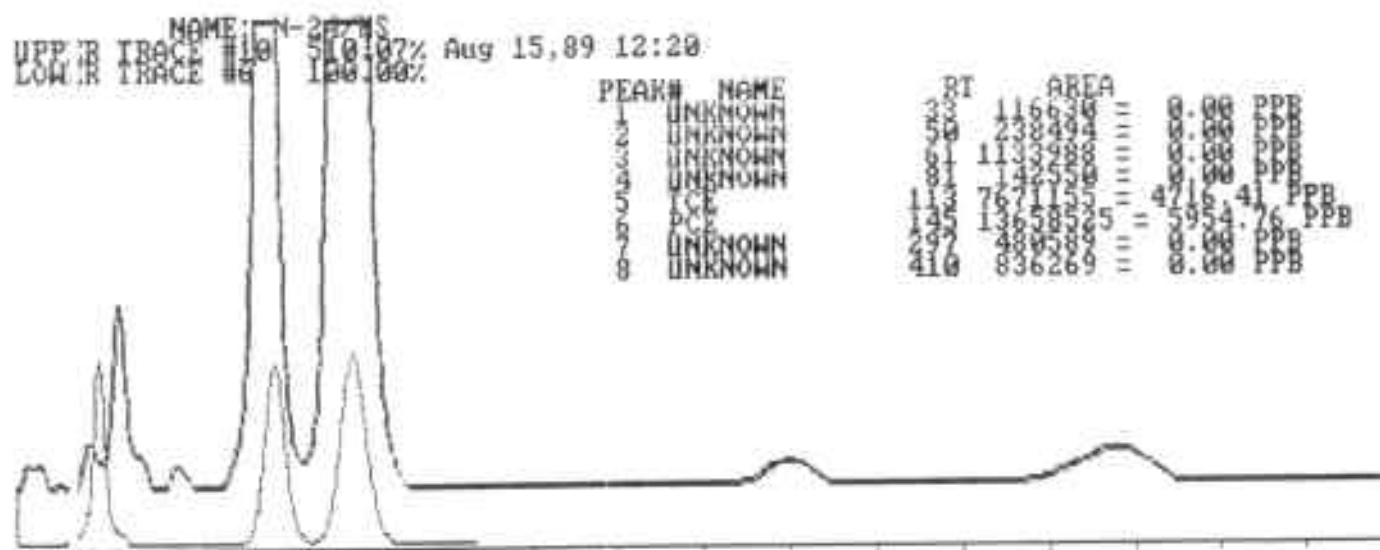
SCE#TOGRAPH TRACE PRINOUT

TRACE #10 DATE: Tue Aug 15 12:20:55 1989

CHANNEL: 1 NAME: N-24/HS
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 28
 TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	33	116630	0.000 PPB
2	UNKNOWN	50	238494	0.000 PPB
3	UNKNOWN	61	1133988	0.000 PPB
4	UNKNOWN	81	142550	0.000 PPB
5	TCE	113	7671155	4716.411 PPB
6	PCE	145	13658525	5954.764 PPB
7	UNKNOWN	297	480589	0.000 PPB
8	UNKNOWN	410	836269	0.000 PPB

TOTAL AREA: 24278200



SCENTOGRAPH TRACE PRINOUT

TRACE #9 DATE: Tue Aug 15 12:15:29 1989

CHANNEL: 1 NAME: AMBIENT

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

TOTAL AREA: 0

UPPER TRACE #9	NAME: AMBIENT	0.00%	Aug 15,89 12:15
LOWER TRACE #6		100.00%	

COLUMN:	3%SP-1000
COLUMN PRESSURE:	28
DETECTOR:	AID
TEMPERATURE:	40-40 , 0 Secs
SAMPLE TIME:	20
GAIN:	0.700
DURATION:	8 Minutes



SCINTOGRAPH TRACE PRINOUT

TRACE #30 DATE: Tue Aug 15 16:11:29 1989

CHANNEL: 1 NAME: AMBIENT

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	168	36236	0.000 PPM
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TOTAL AREA: 36236

NAME: AMBIENT
UPPER TRACE #30 2.18% Aug 15,89 16:11
LOWER TRACE #28 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes

SCINTOGRAPH TRACE PRINOUT

TRACE #102 DATE: Wed Aug 16 17:12:23 1989

CH/NNEL: 1 NAME: AMBIENT

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

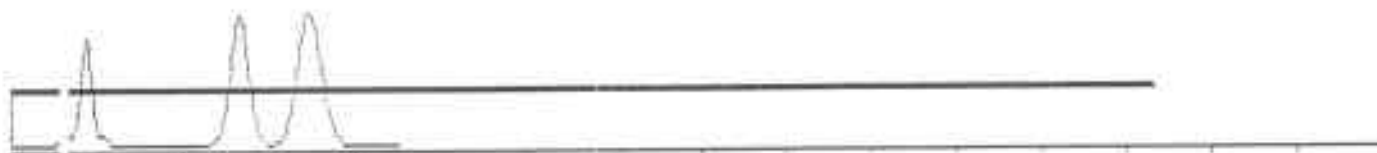
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

TOTAL AREA: 0

NAME: AMBIENT
UPPER TRACE #102 0.00% Aug 16,89 17:12
LOWER TRACE #93 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
COIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #90 DATE: Wed Aug 16 14:33:03 1989

CHANNEL: 1 NAME: BLANK
CCLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 28
TEMPERATURE: 40 INHIBIT TIME: 25 Seconds
 PEAK# NAME RT AREA CONCENTRATION

TOTAL AREA: 0

NAME: BLANK
UPPER TRACE #90 0.00% Aug 16,89 14:33
LOWER TRACE #78 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #32 DATE: Thu Aug 17 12:27:39 1989

CHANNEL: 1 NAME: BLANK
COLUMNS: 3%SP-1000 DETECTOR: AID

COLUMNS PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

TOTAL AREA: 0

NAME: BLANK
UPPER TRACE #32 0.00% Aug 17,89 12:27
LOWER TRACE #20 100.00%COLUMNS: 3%SP-1000
COLUMNS PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 0.700
DURATION: 8 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #63 DATE: Sat Aug 19 15:21:24 1989

CHANNEL: 1 NAME: BLANK

CCLUMN: 3%SP-1000 DETECTOR: AID

CCLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

TOTAL AREA: 0

NAME: BLANK
UPPER TRACE #63 0.00% Aug 19,89 15:21
LOWER TRACE #61 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 8 Minutes



SCINTOGRAPH TRACE PRINOUT

TRACE #64 DATE: Sat Aug 19 15:26:05 1989

CH/NNEL: 1 NAME: SPIKE

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 28

TEMPERATURE: 40 INHIBIT TIME: 25 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	111-TCA	59	1224212	890.606 PPB
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2	TCE	131	2071972	990.919 PPB
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3	PCE	163	2738121	915.934 PPB
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TOTAL AREA: 6034305

NAME: SPIKE
UPPER TRACE #64 98.13% Aug 19,89 15:26
LOWER TRACE #61 100.00%COLUMN: 3%SP-1000
COLUMN PRESSURE: 28
DETECTOR: AID
TEMPERATURE: 40-40 , 8 Secs
SAMPLE TIME: 18
GAIN: 1.000
DURATION: 8 Minutes

SCINTOGRAPH TRACE PRINTOUT

TRACE #59 DATE: Thu Apr 04 13:10:47 1991

CHANNEL: 1 NAME: BE-1 1:10

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK# NAME RT AREA CONCENTRATION

1	111-TCA	100	6420	52.245 PPB
2	TCE	146	123872	73.446 PPB
3	PCE*	174	107749588	34917.629 PPB

TOTAL AREA: 107879880

NAME: BE-1 1:10
UPPER TRACE #49 100.002
LOWER TRACE #49 100.002
DATE: Apr 04, 91 13:10

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
DURATION: 10 Minutes



SCEN TOGRAPH TRACE PRINOUT

TRACE #65 DATE: Thu Apr 04 13:49:56 1991

CHANNEL: 1 NAME: BB-2 1:20
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
 PEAK# NAME RT AREA CONCENTRATION

1	TCE	144	37269	22.097 PPB
2	PCE	170	74484929	24137.793 PPB
TOTAL AREA: 74522198				

NAME: BB-2 1:20
 UPPER TRACE #65 1343.15Z Apr 04,91 13:49
 LOWER TRACE #49 100.00Z

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 0 Secs
 SAMPLE TIME: 10
 DURATION: 10 Minutes



SCINTOGRAPH TRACE PRINTOUT

TRACE #71 DATE: Thu Apr 04 14:19:36 1991

CH/NNEL: 1 NAME: BB-3 1:20
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	144	19145	11.351 PPB
2	PCE	166	36811338	11929.184 PPB
TOTAL AREA: 36830483				

NAME: BB-3 1:20
UPPER TRACE #71 663.822 Apr 04,91 14:19
LOWER TRACE #49 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCINTOGRAPH TRACE PRINTOUT

TRACE #75 DATE: Thu Apr 04 14:43:24 1991

CHANNEL: 1 NAME: BB-4 1:10

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	111-TCA	99	5738	46.695 PPB
2	TCE	143	41618	24.676 PPB
3	PCE	169	78173387	25333.084 PPB

TOTAL AREA: 78220743

NAME: BB-4 1:10
UPPER TRACE #75 1409.81% Apr 04, 91 14:43
LOWER TRACE #49 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 8 Secs
SAMPLE TIME: 10
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #81 DATE: Thu Apr 04 15:16:09 1991

CHANNEL: 1 NAME: BB-5 1:5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1	111-TCA	98	19604	159.535 PPB
2	TCE	142	42247	25.049 PPB
3	PCE	168	77548692	25130.643 PPB

TOTAL AREA: 77610543

UPPER TRACE #81 100.002
LOWER TRACE #89 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
SPLIT: 1.000
DURATION: 10 Minutes



SCENIOGRAPH TRACE PRINTOUT

TRACE #93 DATE: Thu Apr 04 16:08:45 1991

CHANNEL: 1 NAME: BB-7
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
 PEAK# NAME RT AREA CONCENTRATION

1	111-TCA	98	19289	210.789 PPB
2	TCE	142	17682	11.082 PPB
3	PCE	165	50190329	15518.794 PPB

TOTAL AREA: 50227300

UPPER TRACE #93 111-TCA 98.44% Apr 04, 91 16:08
 LOWER TRACE #93 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60, 0 Secs
 SAMPLE TIME: 10
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #97 DATE: Thu Apr 04 16:24:53 1991

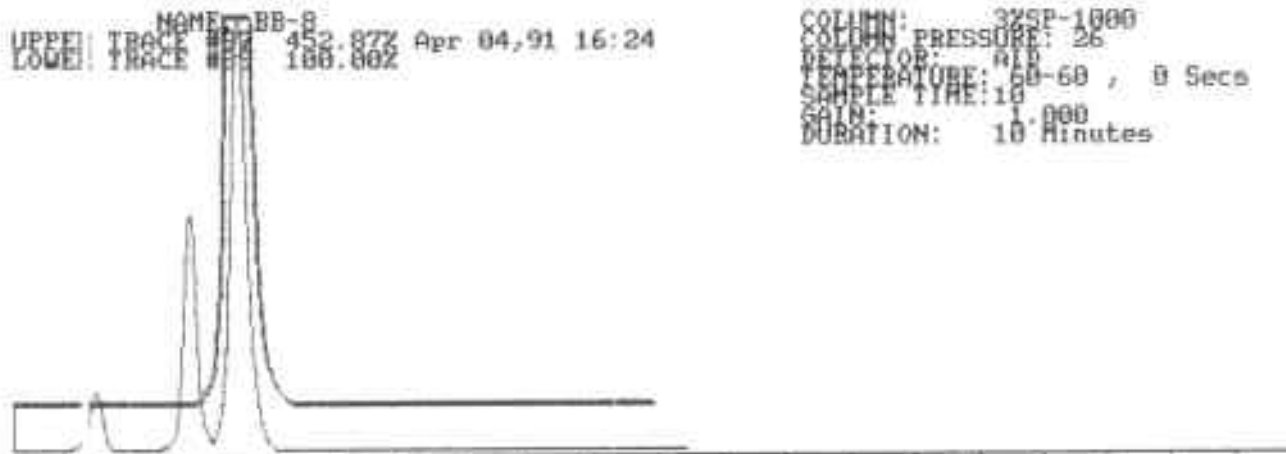
CHANNEL: 1 NAME: BB-8
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1	111-TCA	98	2921	31.921 PPB
2	TCE	141	10235	6.415 PPB
3	PCE	164	24834649	7678.846 PPB

TOTAL AREA: 24847805

NAME: BB-8
UPPER TRACE #97 452.87% Apr 04, 91 16:24
LOWER TRACE #98 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 8 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCINTOGRAPH TRACE PRINTOUT

TRACE #106 DATE: Thu Apr 04 16:53:39 1991

CHANNEL: 1 NAME: BB-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PIAK# NAME RT AREA CONCENTRATION

PCE 163 8664934 2679.188 PPB

TOTAL AREA: 8664934

NAME: BB-9
UPPER TRACE #106 157.93% Apr 04, 91 16:53
LOWER TRACE #39 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-68 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCINTOGRAPH TRACE PRINTOUT

TRACE #117 DATE: Thu Apr 04 17:26:47 1991

CHANNEL: 1 NAME: BB-10
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PIAK#	NAME	RT	AREA	CONCENTRATION
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1	PCS	163	6388965	1975.461 PPB
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TOTAL AREA: 6388965

NAME: BB-10
UPPER TRACE #117 116.44% Apr 04, 91 17:26
LOWER TRACE #118 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #119 DATE: Thu Apr 04 17:35:22 1991

CHANNEL: 1 NAME: BB-10 DUP

COLUMN: 3%SP-1000 DETECTOR: AID

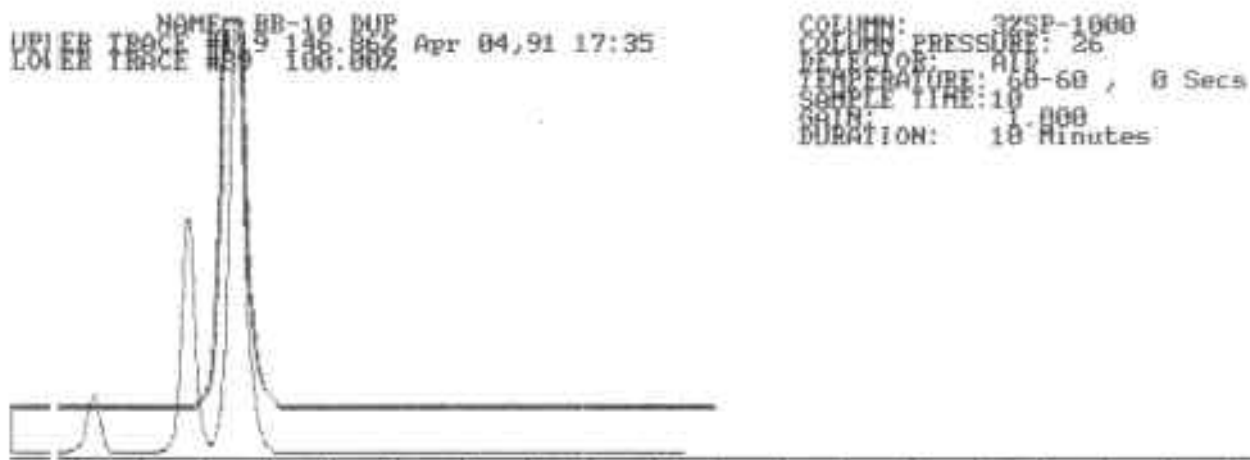
COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	PCE	162	8057720	2491.438 PPB
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TOTAL AREA: 8057720



SCENITOGRAPH TRACE PRINTOUT

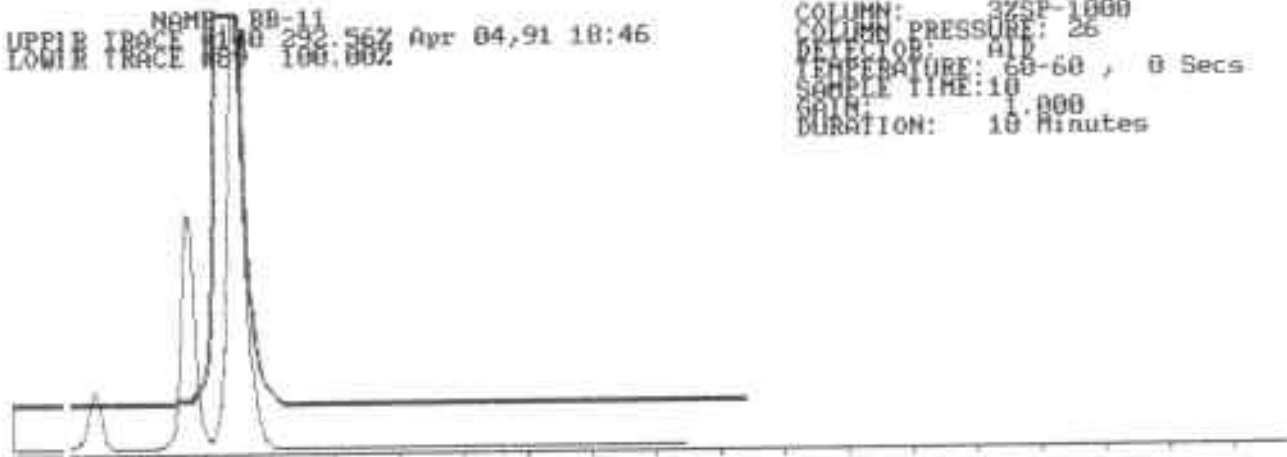
TRACE #140 DATE: Thu Apr 04 18:46:00 1991

CHANNEL: 1 NAME: BB-11
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	138	16017	10.038 PPB
2	PCE	161	16036099	4958.344 PPB
TOTAL AREA:			16052116	

UPPER TRACE: 11.00 292.56% Apr 04, 91 18:46
 LOWER TRACE: 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60, 0 Secs
 SAMPLE TIME: 10
 SPLIT: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #160 DATE: Fri Apr 05 10:28:10 1991

CHANNEL: 1 NAME: BB-12
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE	163	265069	102.490 PPB
TOTAL AREA:			265069	

NAME: BB-12
UPPER TRACE #160 5.35% Apr 85,91 10:28
LOWER TRACE #146 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINTOUT

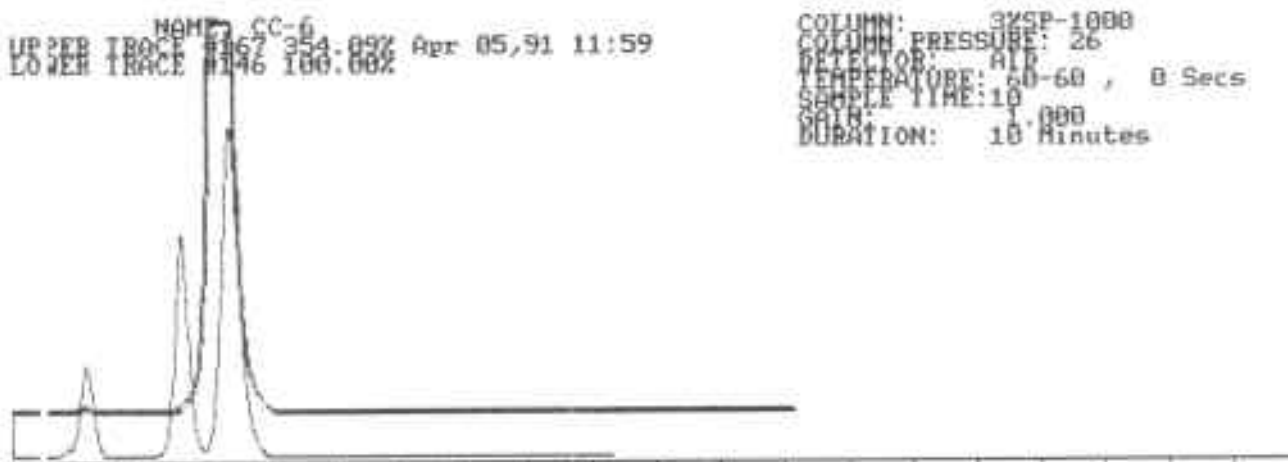
TRACE #167 DATE: Fri Apr 05 11:59:46 1991

CHANNEL: 1 NAME: CC-6
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
 PEAK# NAME RT AREA CONCENTRATION

1	111-TCA	94	15206	103.501 PPB
2	PCE	157	17538582	6781.372 PPB
TOTAL AREA: 17553788				

UPPER TRACE #167 354.89% Apr 05, 91 11:59
 LOWER TRACE #146 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 8 Secs
 SAMPLE TIME: 10
 SOLID: 1.000
 DURATION: 10 Minutes



SCENIOGRAPH TRACE PRINTOUT

TRACE #183 DATE: Fri Apr 05 12:47:19 1991

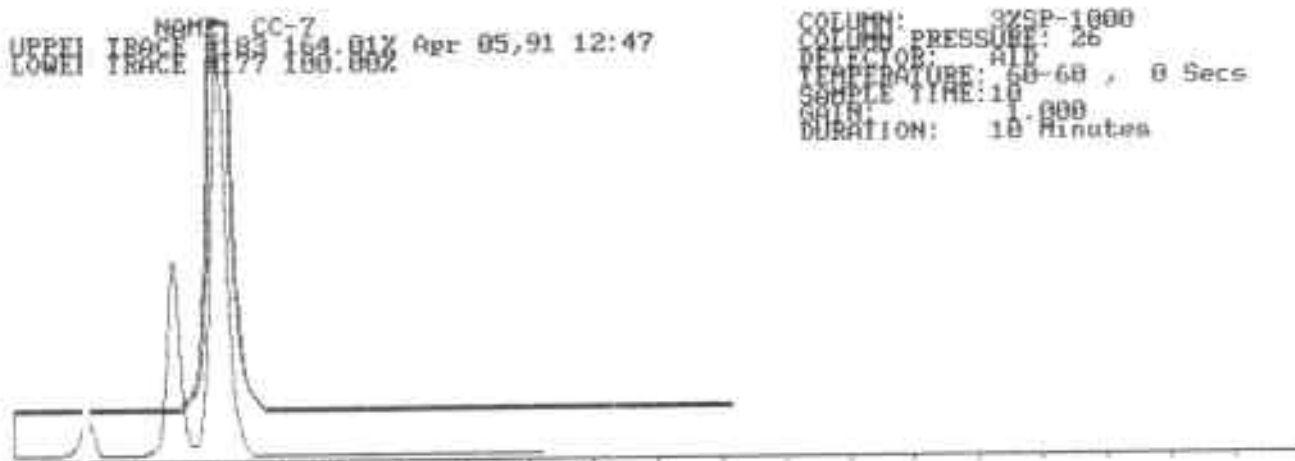
CHANNEL: 1 NAME: CC-7
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
 PEAK# NAME RT AREA CONCENTRATION

1 PCE 156 7599353 2680.130 PPB

TOTAL AREA: 7599353

UPPER TRACE #183 CC-7 Apr 05,91 12:47
 LOWER TRACE #177 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-68 , 0 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINTOUT

TRACE #193 DATE: Fri Apr 05 13:17:51 1991

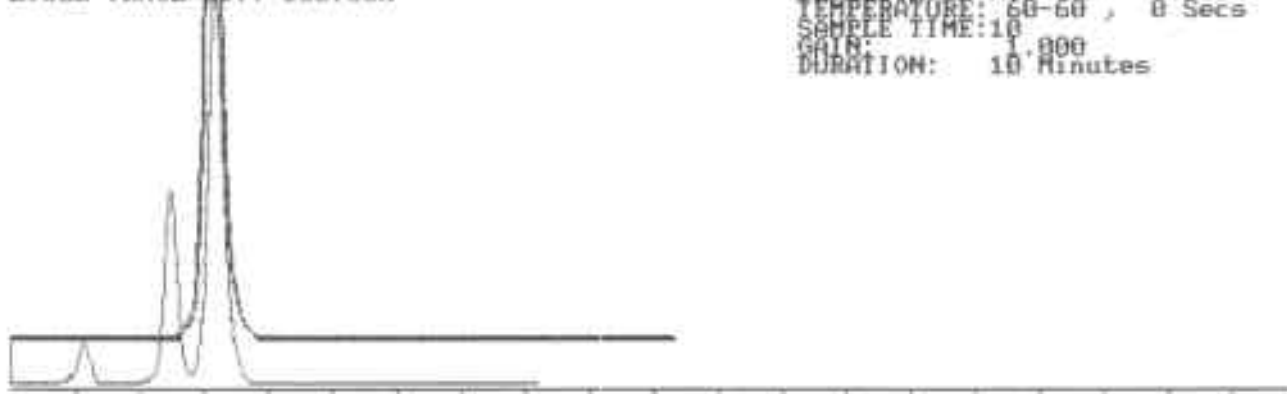
CHANNEL: 1 NAME: CC-8
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
 PEAK# NAME RT AREA CONCENTRATION

1 PCE 154 5757517 2030.553 PPB

TOTAL AREA: 5757517

NAME: CC-8
 UPPER TRACE #193 124.26% Apr 05, 91 13:17
 LOWER TRACE #177 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 8 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #202 DATE: Fri Apr 05 13:53:39 1991

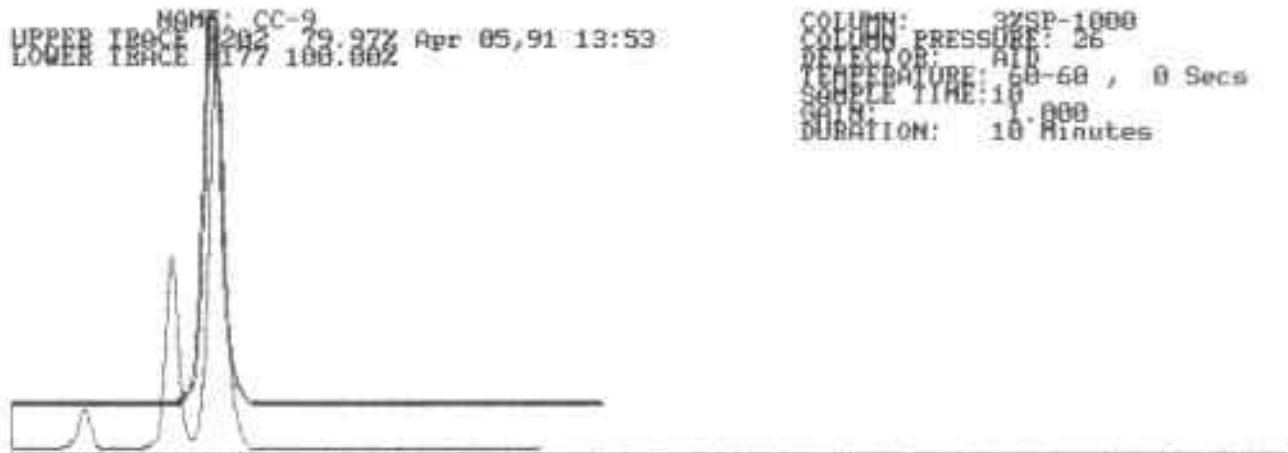
CHANNEL: 1 NAME: CC-9
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCE 153 3705277 1306.772 PPB

TOTAL AREA: 3705277

NAME: CC-9
UPPER TRACE #202 79.977 Apr 05, 91 13:53
LOWER TRACE #177 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #210 DATE: Fri Apr 05 14:23:47 1991

CHANNEL: 1 NAME: CC-10
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCB 154 2996794 1056.905 PPB

TOTAL AREA: 2996794

NAME: CC-10
UPPER TRACE #210 64.68% Apr 05, 91 14:23
LOWER TRACE #177 100.00%
COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #216 DATE: Fri Apr 05 14:54:44 1991

CHANNEL: 1 NAME: CC-11
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCE 153 1709832 603.021 PPB

TOTAL AREA: 1709832

NAME: CC-11
UPPER TRACE #216 35.90% Apr 05, 91 14:54
LOWER TRACE #177 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINTOUT

TRACE #222 DATE: Fri Apr 05 15:27:25 1991

CHANNEL: 1 NAME: CC-12
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCE 155 1531068 539.975 PPB

TOTAL AREA: 1531068

NAME: CC-12
UPPER TRACE #222 33.04% Apr 05,91 15:27
LOWER TRACE #177 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #11 DATE: Mon Apr 08 11:47:29 1991

CHANNEL: 1 NAME: DD-9
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE	169	446116	141.535 PPB
TOTAL AREA:			446116	

NAME: DD-9
 UPPER TRACE #11 8.21% Apr 08, 91 11:47
 LOWER TRACE #5 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 0 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #15 DATE: Mon Apr 08 12:03:26 1991

CHANNEL: 1 NAME: DD-10
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE	169	344267	109.222 PPB
TOTAL AREA:			344267	

NAME: DD-10
UPPER TRACE #15 9.34% Apr 08, 91 12:03
LOWER TRACE #5 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #18 DATE: Mon Apr 08 12:20:56 1991

CHANNEL: 1 NAME: DD-11
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCE 168 282504 89.627 PPB

TOTAL AREA: 282504

NAME: DD-11
UPPER TRACE #18 5.20% Apr 08, 91 12:20
LOWER TRACE #5 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINTOUT

TRACE #43 DATE: Mon Apr 03 15:42:02 1991

CHANNEL: 1 NAME: FF-1 1:10

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
-------	------	----	------	---------------

1	PCE	162	2590113	934.141 PPB
---	-----	-----	---------	-------------

TOTAL AREA: 2590113

NAME: FF-1 1:10
UPPER TRACE #43 56.532 Apr 03, 91 15:42
LOWER TRACE #26 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #46 DATE: Mon Apr 08 16:11:15 1991

CHANNEL: 1 NAME: FF-2 1:2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	111-TCA	98	15981	219.336 PPB
2	PCE	163	3790585	1367.098 PPB
TOTAL AREA:				3806566

UPPER TRACE #125 83.07% Apr 08, 91 16:11
LOWER TRACE #25 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 / 8 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #52 DATE: Mon Apr 08 17:45:23 1991

CHANNEL: 1 NAME: FF-4 1:2

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	UNKNOWN	128	8050	2.903 PPB
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2	PCE	165	189851	68.471 PPB
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TOTAL AREA: 197901

NAME: FF-4 1:2
UPPER TRACE #52 4.322 Apr 08, 91 17:45
LOWER TRACE #26 100.002COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 / 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #61 DATE: Tue Apr 09 10:25:32 1991

CHANNEL: 1 NAME: NN-4
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCE 162 11612 3.497 PPB
TOTAL AREA: 11612

NAME: NN-4
UPPER TRACE #61 0.20% Apr 09, 91 10:25
LOWER TRACE #55 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #65 DATE: Tue Apr 09 11:09:02 1991

CHANNEL: 1 NAME: NN-6
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
 PEAK# NAME RT AREA CONCENTRATION

1 TCE 139 16328 8.784 PPB
 TOTAL AREA: 16328

NAME: NN-6
 UPPER TRACE #52 0.28% Apr 09, 91 11:09
 LOWER TRACE #55 100.00%
 COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 / 8 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #63 DATE: Tue Apr 09 10:50:34 1991

CHANNEL: 1 NAME: NN-5
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1	TCE	139	18386	9.891 PPB
2	PCE	162	13644	4.109 PPB
TOTAL AREA:			32030	

NAME: NN-5
UPPER TRACE #63 0.55% Apr 09, 91 10:50
LOWER TRACE #55 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINTOUT

TRACE #73 DATE: Tue Apr 09 14:31:11 1991

CHANNEL: 1 NAME: NN-7
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 PCE 160 132215 36.202 PPB

TOTAL AREA: 132215

NAME: NN-7
UPPER TRACE #73 2.032 Apr 09, 91 14:31
LOWER TRACE #67 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #101 DATE: Wed Apr 10 10:03:54 1991

CHANNEL: 1 NAME: NN-8
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1 TCE 138 20059 10.838 PPB

TOTAL AREA: 20059

NAME: NN-8
UPPER TRACE #101 0.342 Apr 18, 91 10:03
LOWER TRACE #92 100.002

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #107 DATE: Wed Apr 10 11:16:38 1991

CHANNEL: 1 NAME: BK-1 GW

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
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1	PCE	159	11319	3.874 PPB
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TOTAL AREA: 11319

NAME: BK-1 GW
UPPER TRACE #107 0.192 Apr 10, 91 11:16
LOWER TRACE #92 100.002COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes

SCENTOGRAPH TRACE PRINOUT

TRACE #108 DATE: Wed Apr 10 11:35:34 1991

CHANNEL: 1 NAME: PURGE
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

TOTAL AREA: 0

NAME: PURGE
UPPER TRACE #109 0.00% Apr 10, 91 11:35
LOWER TRACE #92 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 6 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #110 DATE: Wed Apr 10 11:59:42 1991

CHANNEL: 1 NAME: BK-4 GW
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
 _____ PEAK# NAME RT AREA CONCENTRATION

TOTAL AREA: 0

NAME: BK-4 GW
 UPPER TRACE #110 0.00% Apr 10, 91 11:59
 LOWER TRACE #92 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 / 0 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #111 DATE: Wed Apr 10 12:16:24 1991

CHANNEL: 1 NAME: BK-5 GW
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

TOTAL AREA: 0

NAME: BK-5 GW
 UPPER TRACE #111 0.002 Apr 10, 91 12:16
 LOWER TRACE #92 100.002

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 0 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #112 DATE: Wed Apr 10 12:35:43 1991

CHANNEL: 1 NAME: BK-6 GW
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

TOTAL AREA: 0

NAME: BK-6 GW
 UPPER TRACE #112 0.000 Apr 10, 91 12:35
 LOWER TRACE #92 100.000

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 0 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #113 DATE: Wed Apr 10 12:52:42 1991

CHANNEL: 1 NAME: BK-7 GW
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

TOTAL AREA: 0

NAME: BK-7 GW
UPPER TRACE #113 0.00% Apr 10, 91 12:52
LOWER TRACE #92 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #76 DATE: Tue Apr 09 16:04:42 1991

CHANNEL: 1 NAME: GG-2

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

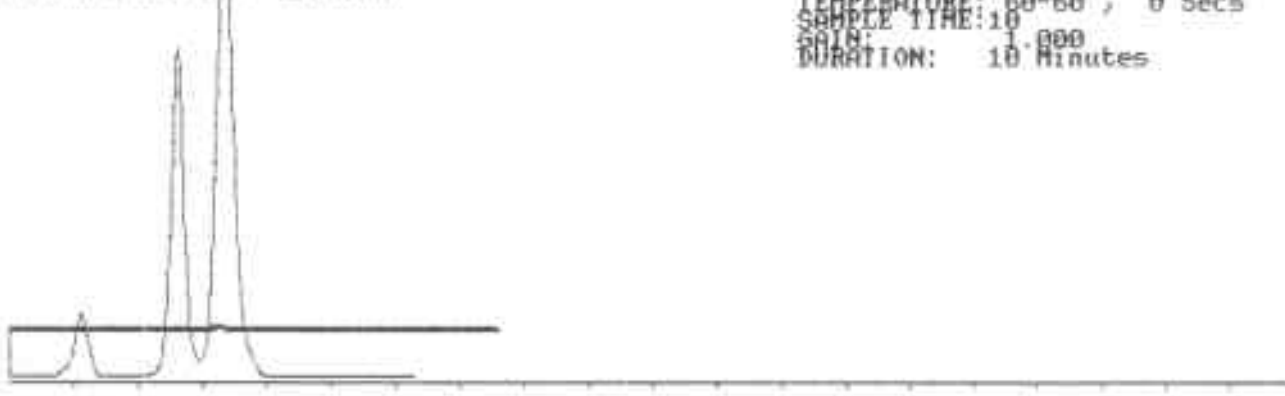
PEAK#	NAME	RT	AREA	CONCENTRATION
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1	PCE	158	12721	3.483 PPB
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TOTAL AREA: 12721

NAME: GG-2
UPPER TRACE #76 0.20% Apr 09, 91 16:04
LOWER TRACE #77 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #78 DATE: Tue Apr 09 16:39:30 1991

CHANNEL: 1 NAME: GG-3
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE	158	11224	3.073 PPB
TOTAL AREA:			11224	

NAME: GG-3
 UPPER TRACE #78 0.17% Apr 09, 91 16:39
 LOWER TRACE #57 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 0 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #80 DATE: Tue Apr 09 17:04:41 1991

CHANNEL: 1 NAME: GG-4
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	PCE	159	18625	5.100 PPB
TOTAL AREA:			18625	

NAME: GG-4
UPPER TRACE #80 0.29% Apr 09, 91 17:04
LOWER TRACE #87 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

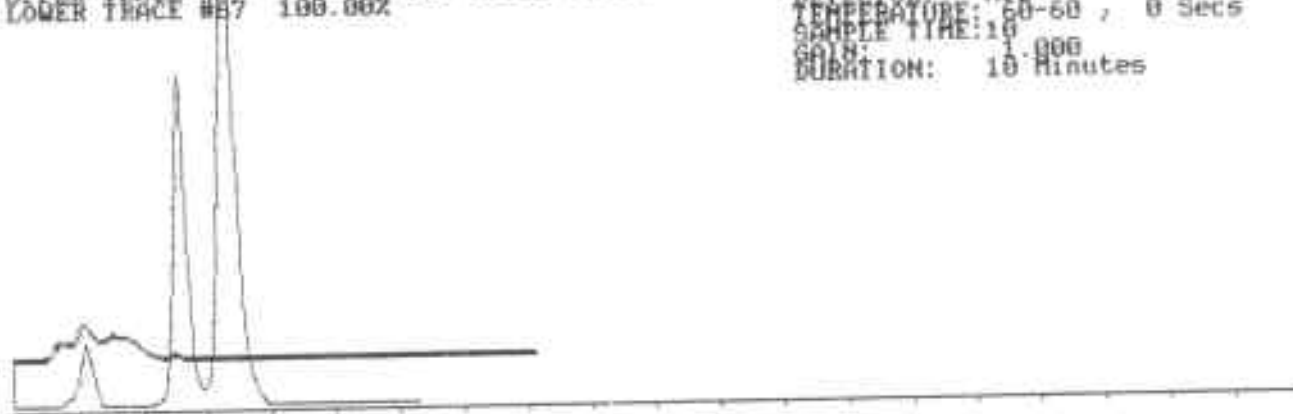
TRACE #83 DATE: Tue Apr 09 17:55:36 1991

CHANNEL: 1 NAME: GG-5 1:2
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	UNKNOWN	83	127009	34.776 PPB
2	111-TCA	93	286276	2923.417 PPB
3	UNKNOWN	107	374875	102.644 PPB
4	TCE	136	24427	11.462 PPB
TOTAL AREA:			812587	

NAME: GG-5 1:2
UPPER TRACE #83 12.51% Apr 09, 91 17:55
LOWER TRACE #87 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #85 DATE: Tue Apr 09 18:20:01 1991

CHANNEL: 1 NAME: GG-6
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

TOTAL AREA: 0

NAME: GG-6
 UPPER TRACE #85 0.00% Apr 09,91 18:20
 LOWER TRACE #87 100.00%

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 , 8 Secs
 SAMPLE TIME: 10
 INH: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #86 DATE: Tue Apr 09 18:44:30 1991

CHANNEL: 1 NAME: GG-7 1:2

COLUMN: 3%SP-1000 DETECTOR: AID

COLUMN PRESSURE: 26

TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	111-TCA	94	14599	149.083 PPB
2	TCE	136	69105	32.427 PPB
3	PCE	160	650577	178.134 PPB
TOTAL AREA:			734281	

NAME: GG-7 1:2
UPPER TRACE #86 11.38% Apr 09, 91 18:44
LOWER TRACE #87 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60, 0 Secs
SAMPLE TIME: 10
SIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #114 DATE: Wed Apr 10 14:09:59 1991

CHANNEL: 1 NAME: GG-8
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	111-TCA	94	12108	60.337 PPB
2	UNKNOWN	133	13918	4.764 PPB
TOTAL AREA:			26026	

NAME: GG-8
UPPER TRACE #114 0.44% Apr 10, 91 14:09
LOWER TRACE #92 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 / 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #121 DATE: Wed Apr 10 14:50:18 1991

CHANNEL: 1 NAME: GG-9
 COLUMN: 3%SP-1000 DETECTOR: AID
 COLUMN PRESSURE: 26
 TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	136	46272	24.004 PPB
2	PCE	158	67998	20.388 PPB
		TOTAL AREA:	114270	

NAME: GG-9
 UPPER TRACE #121 1.91Z Apr 10, 91 14:50
 LOWER TRACE #117 100.00Z

COLUMN: 3%SP-1000
 COLUMN PRESSURE: 26
 DETECTOR: AID
 TEMPERATURE: 60-60 / 0 Secs
 SAMPLE TIME: 10
 GAIN: 1.000
 DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #124 DATE: Wed Apr 10 15:04:37 1991

CHANNEL: 1 NAME: GG-10
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	TCE	135	3892	2.019 PPB
2	PCE	158	53102	15.922 PPB
TOTAL AREA:			56994	

NAME: GG-10
UPPER TRACE #124 0.95% Apr 10, 91 15:04
LOWER TRACE #117 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #128 DATE: Wed Apr 10 15:41:32 1991

CHANNEL: 1 NAME: GG-11
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds
PEAK# NAME RT AREA CONCENTRATION

1	111-TCA	93	73504	676.159 PPB
2	TCE	135	239185	124.081 PPB
3	PCE	158	276868	83.014 PPB

TOTAL AREA: 589557

NAME: GG-11
UPPER TRACE #128 9.83% Apr 10, 91 15:41
LOWER TRACE #117 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 / 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



SCENTOGRAPH TRACE PRINOUT

TRACE #132 DATE: Wed Apr 10 15:56:31 1991

CHANNEL: 1 NAME: GG-12
COLUMN: 3%SP-1000 DETECTOR: AID
COLUMN PRESSURE: 26
TEMPERATURE: 60 INHIBIT TIME: 60 Seconds

PEAK#	NAME	RT	AREA	CONCENTRATION
1	111-TCA	93	130412	1199.652 PPB
2	TCE*	135	527372	273.582 PPB
3	PCE	158	189630	56.857 PPB
TOTAL AREA:			847414	

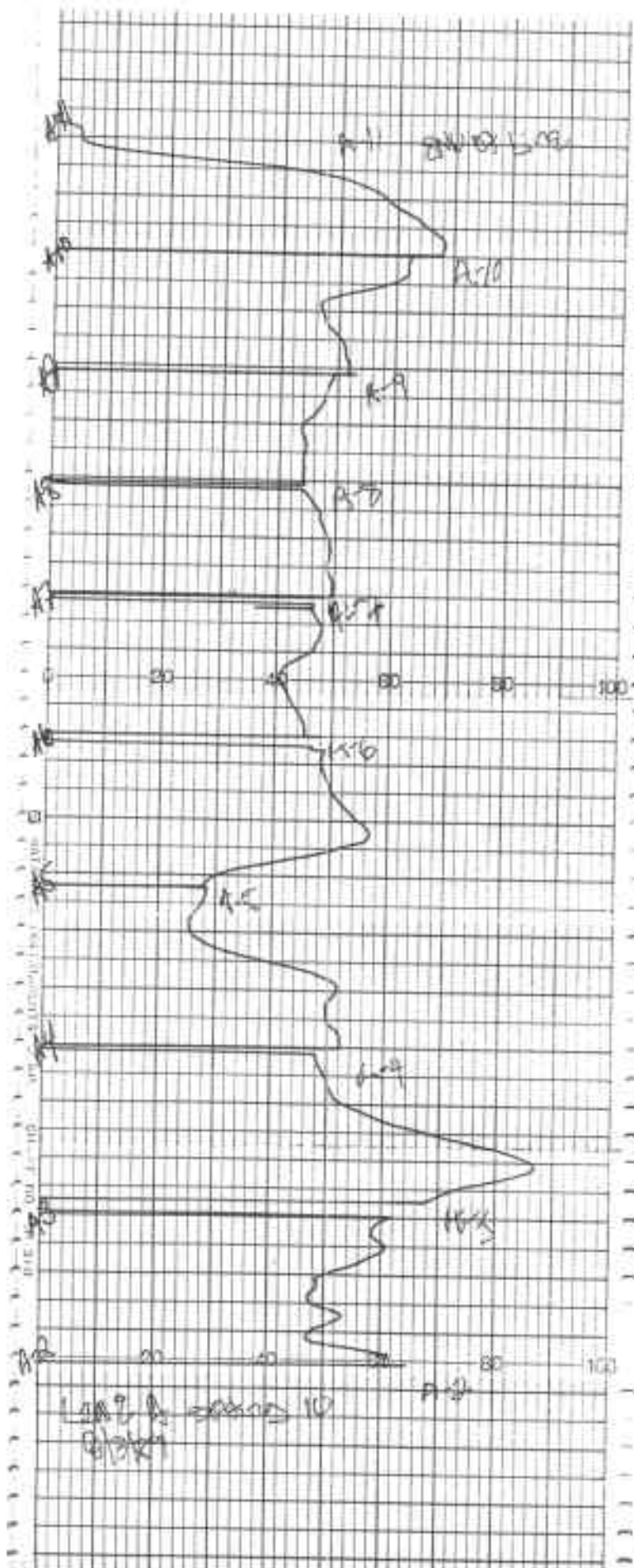
NAME: GG-12
UPPER TRACE #132 14.13% Apr 10, 91 15:56
LOWER TRACE #117 100.00%

COLUMN: 3%SP-1000
COLUMN PRESSURE: 26
DETECTOR: AID
TEMPERATURE: 60-60 , 0 Secs
SAMPLE TIME: 10
GAIN: 1.000
DURATION: 10 Minutes



APPENDIX XIII

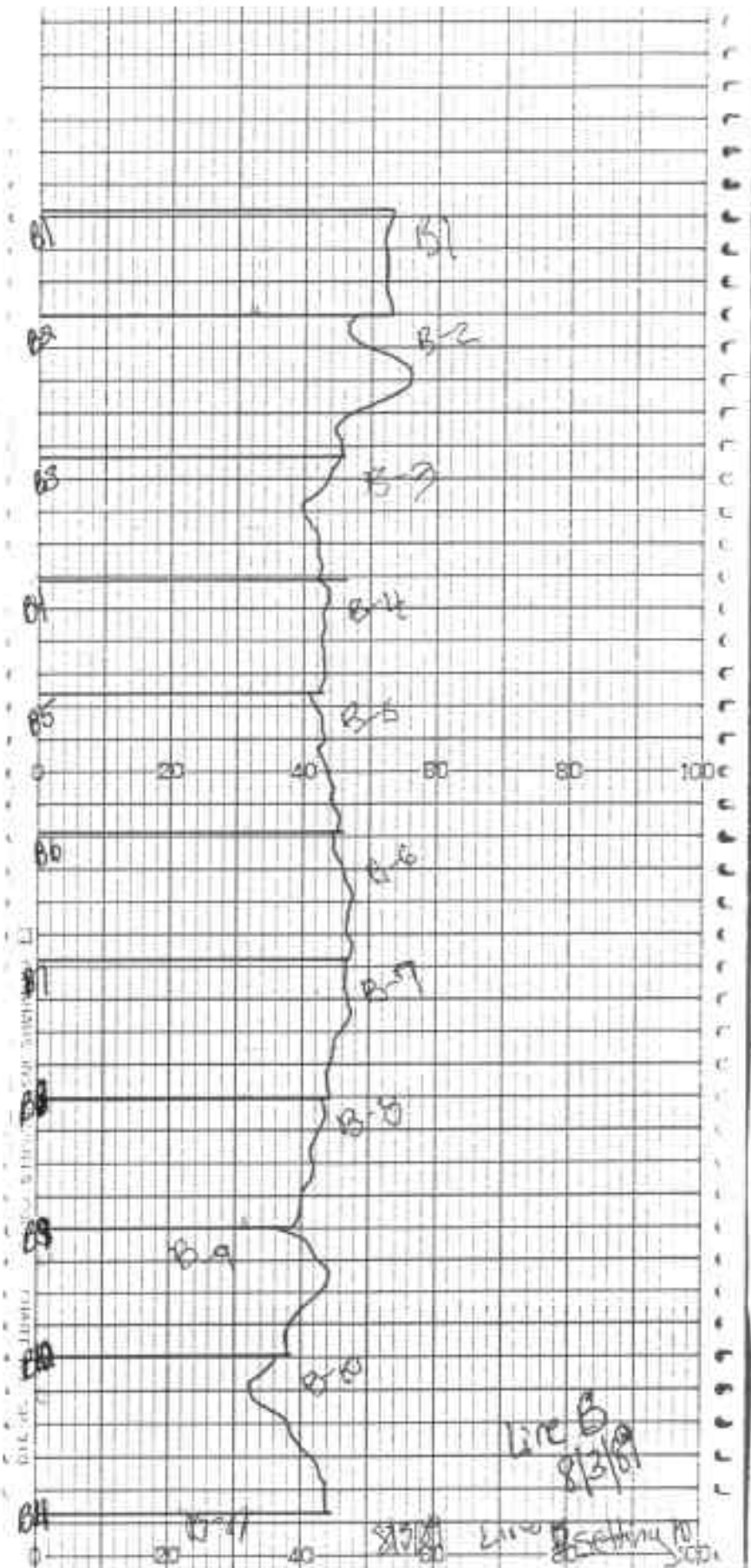
Raw Geophysical Data



Line A
8/3/89
East of SHI

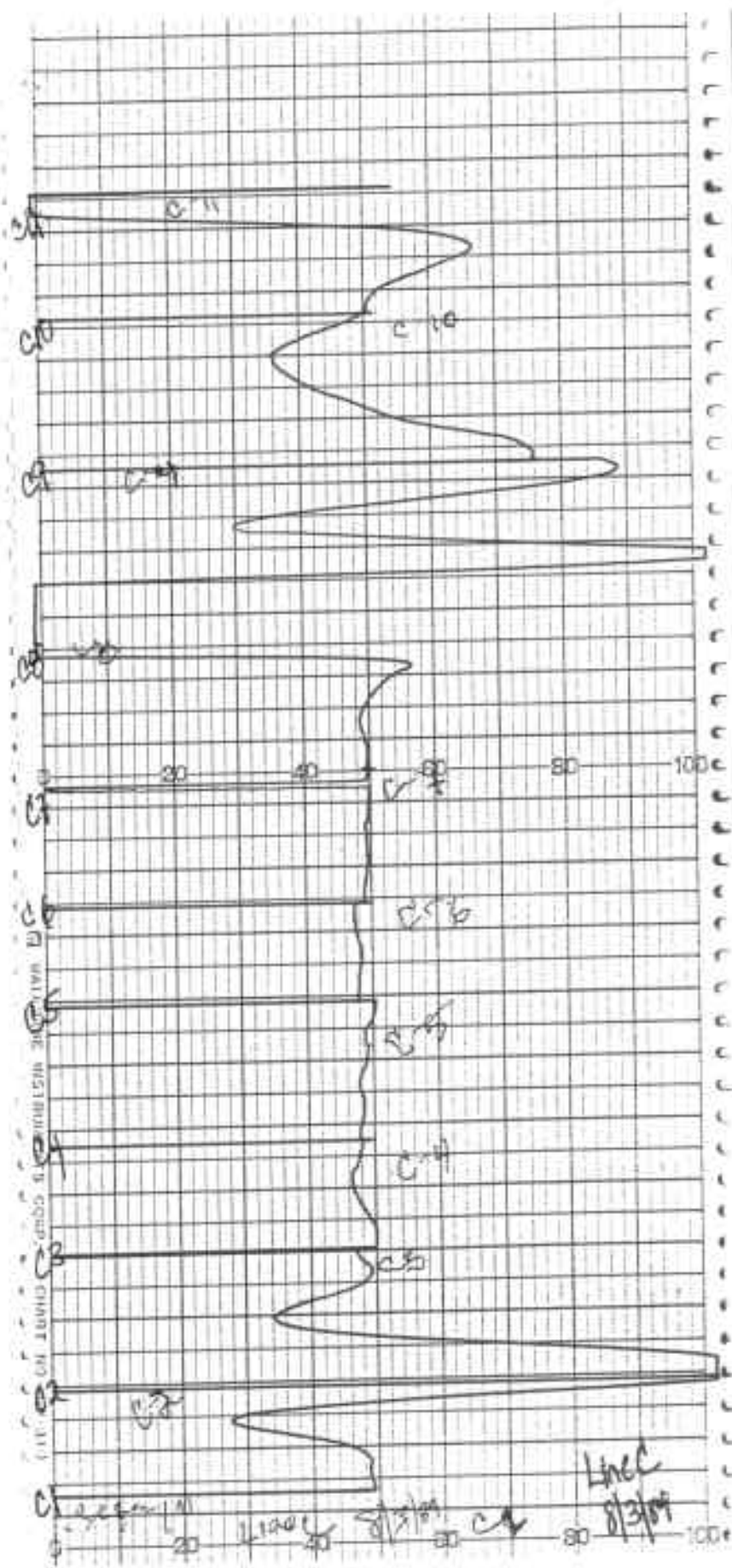
Line A
8/3/89
East of SHI

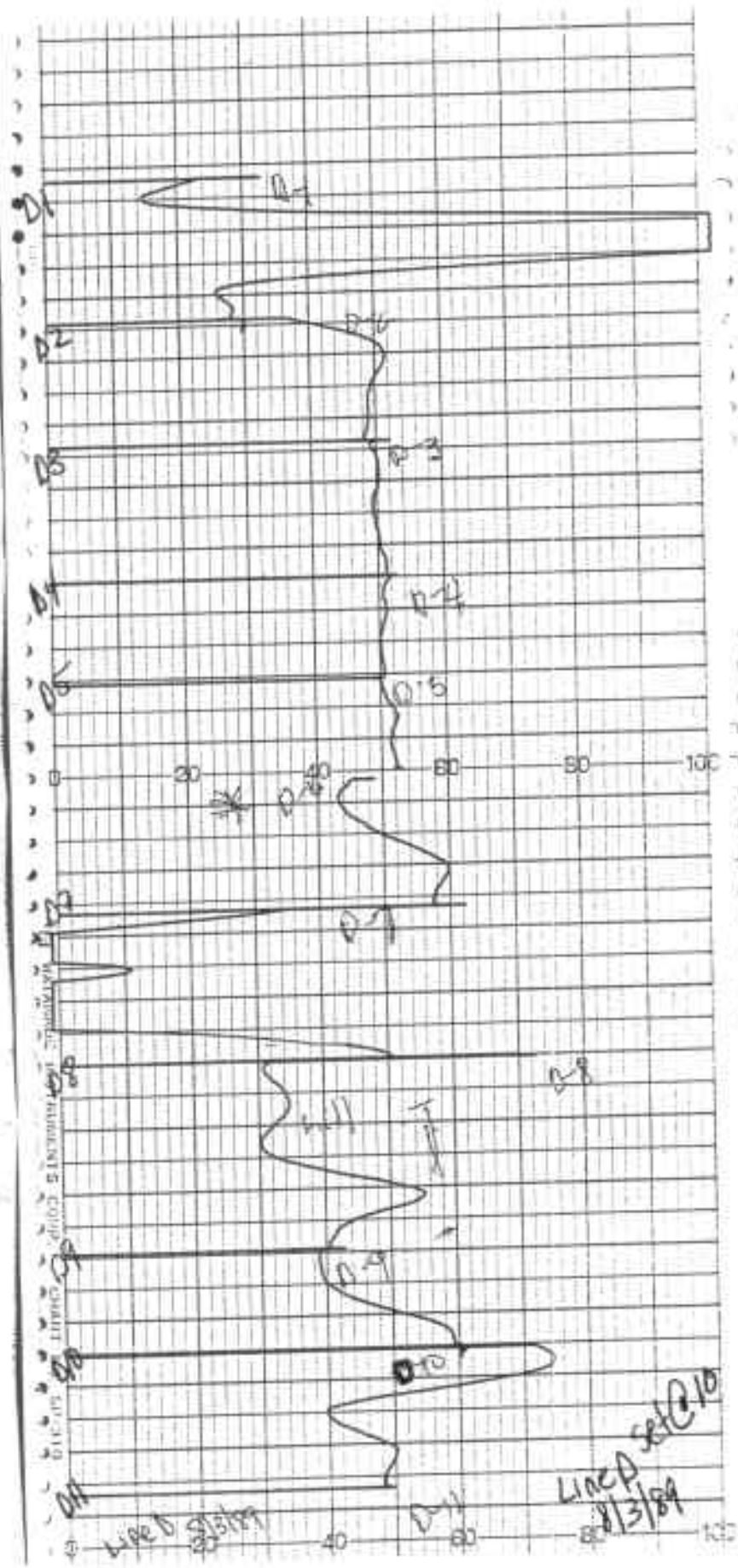
Line B
8/3/89
East of SHT

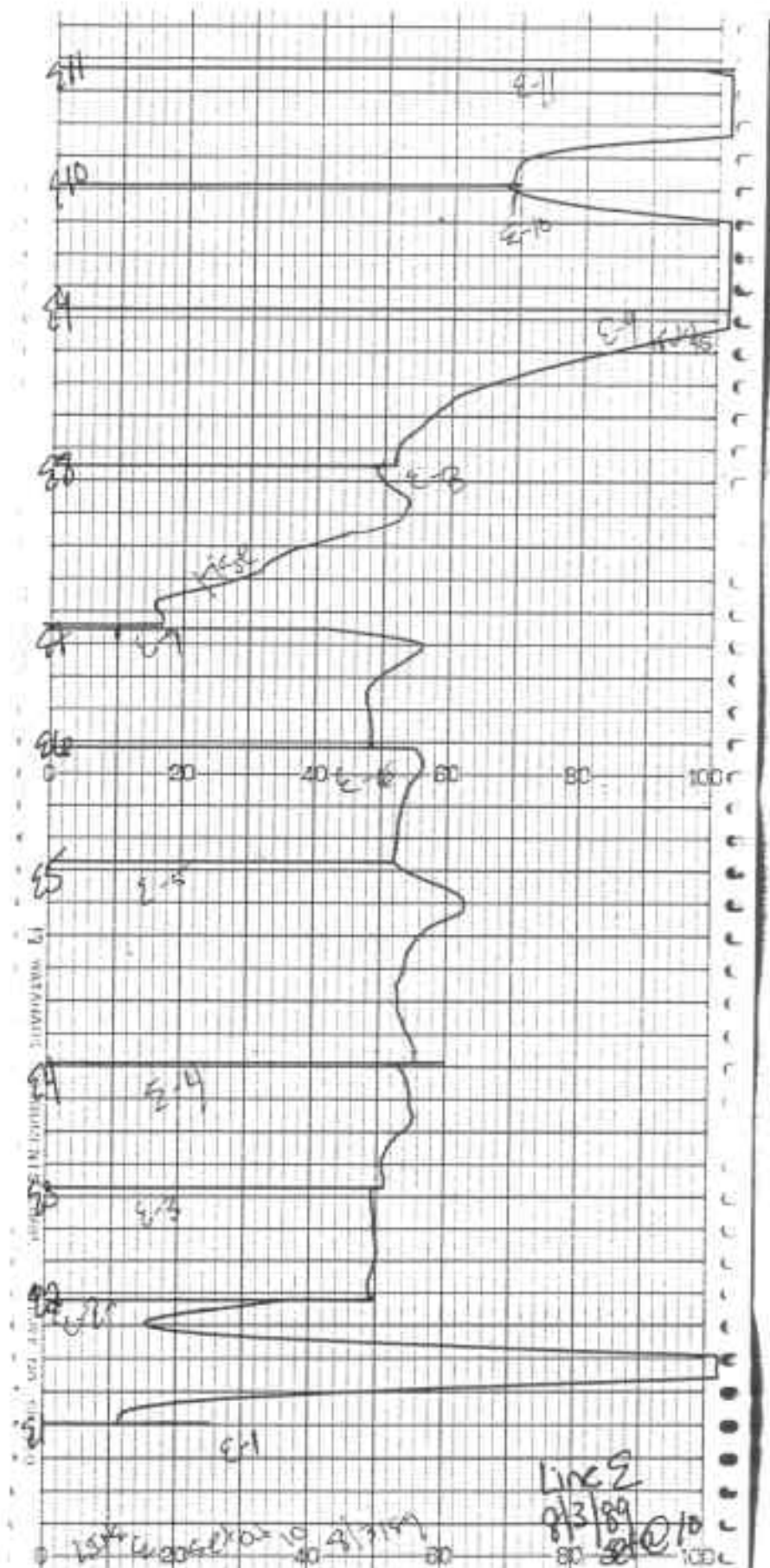


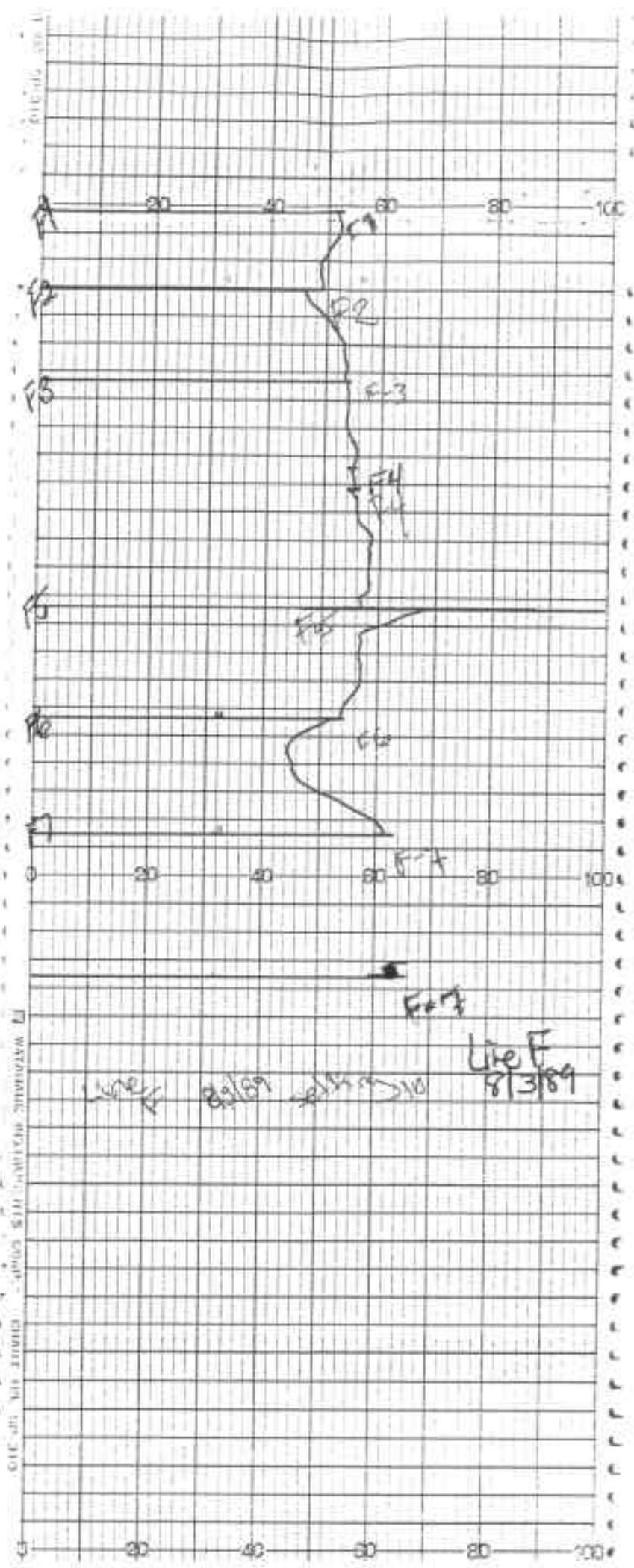
Line B
8/3/89

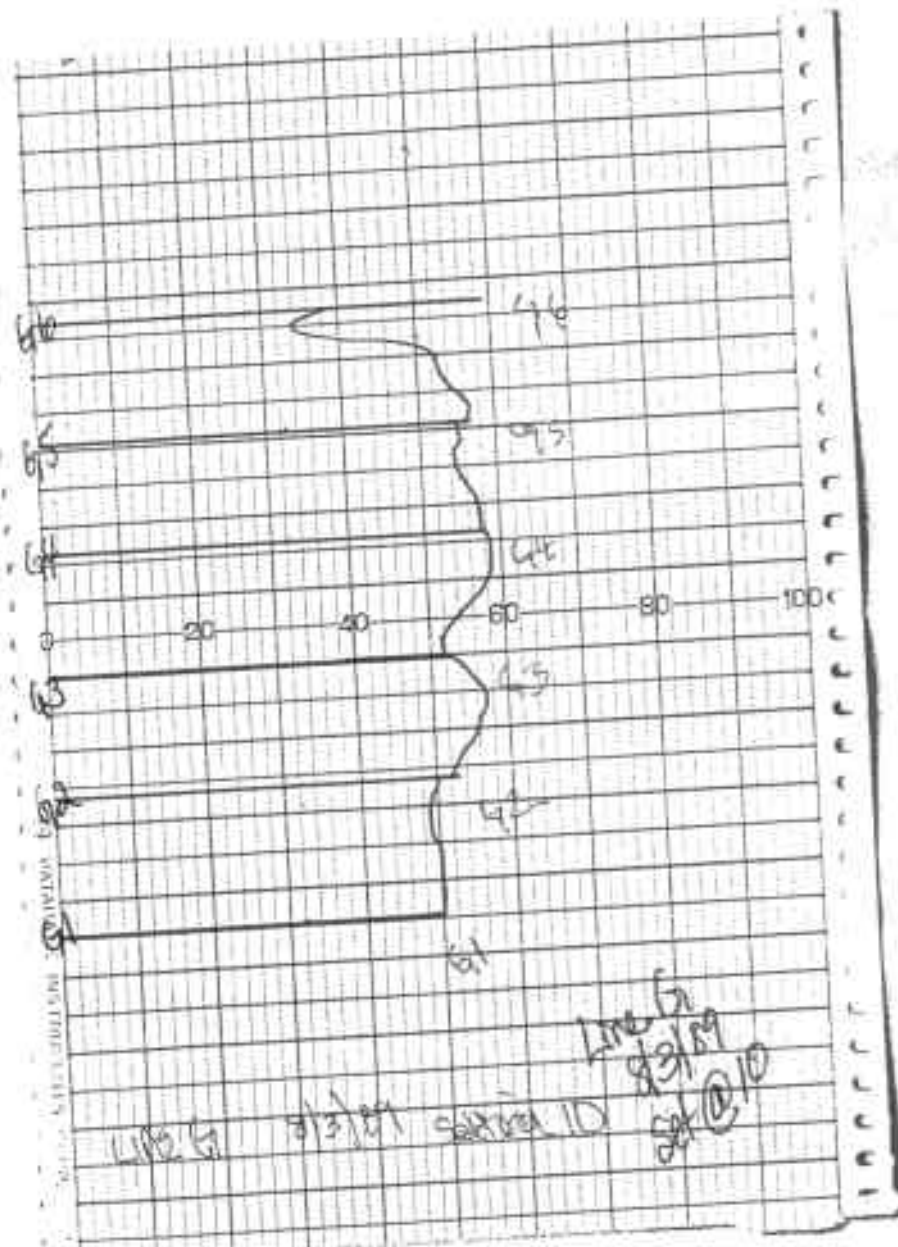
Line B setting 10

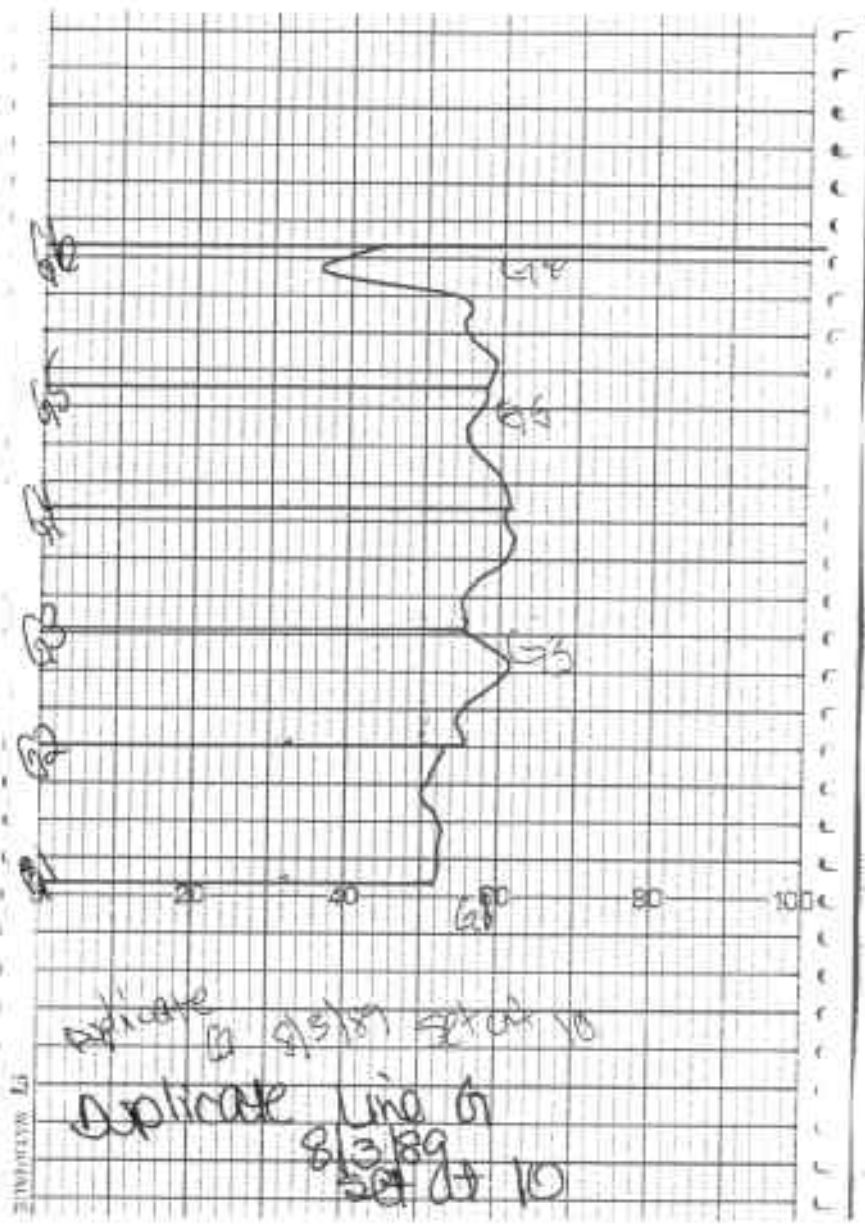


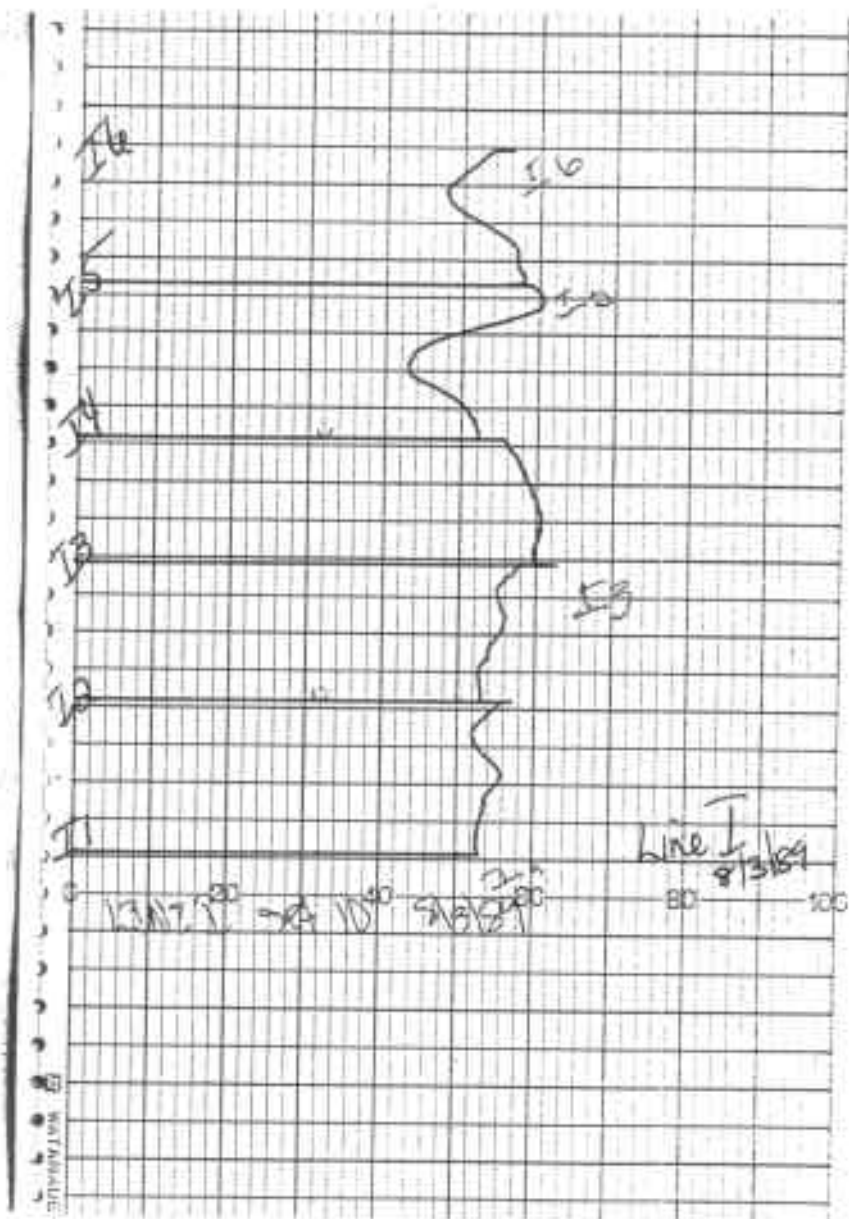




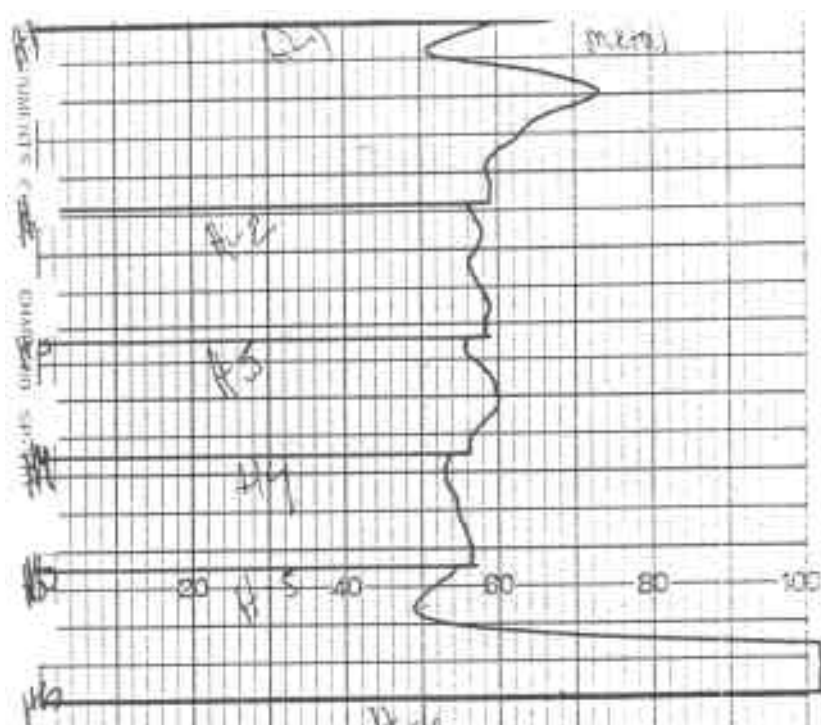




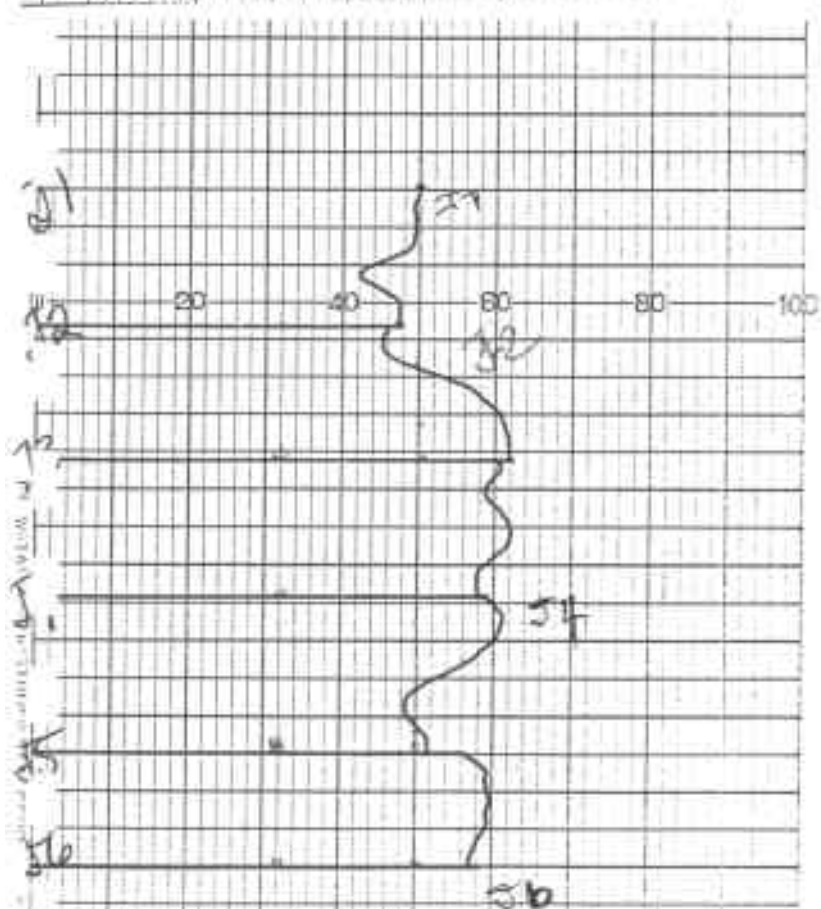




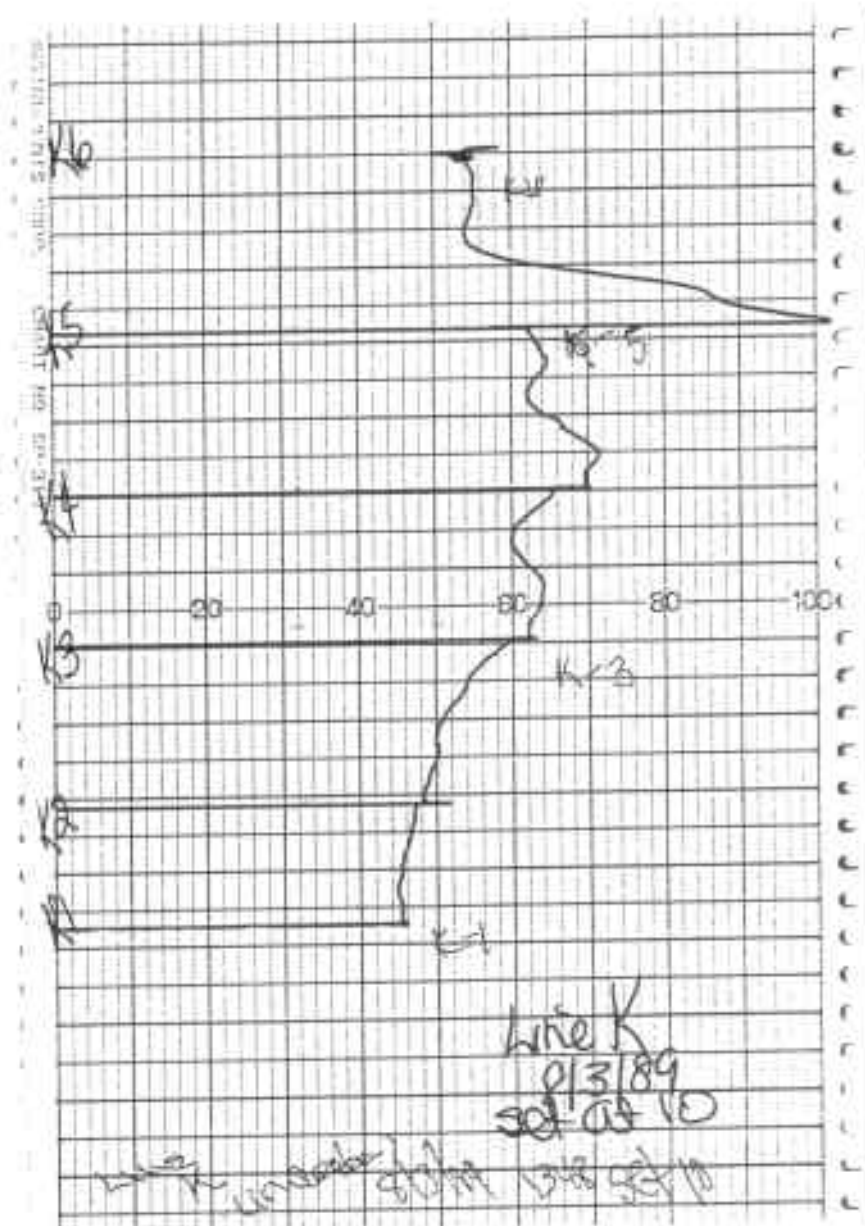
Line I
8/3/89



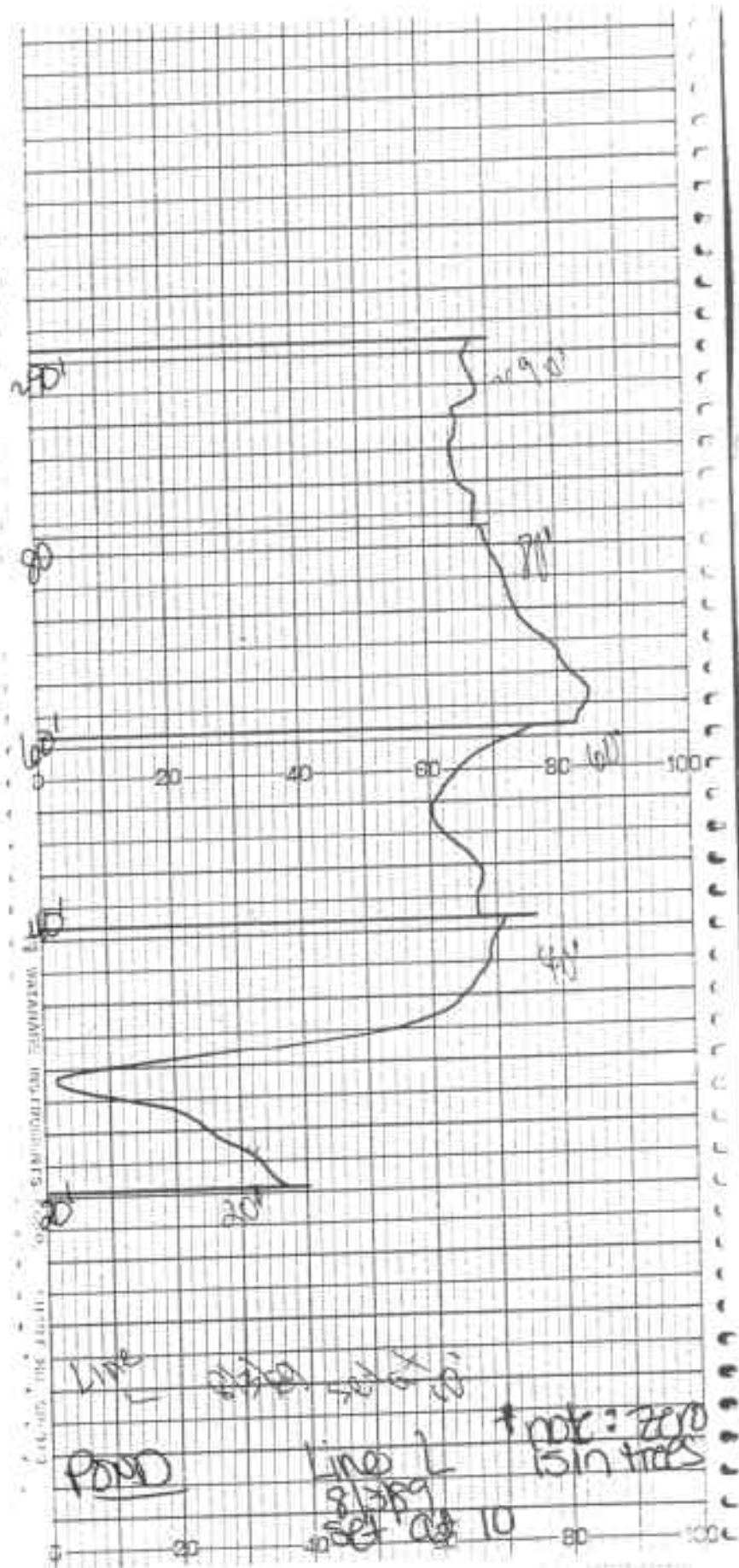
Line H 8/3/89 sand

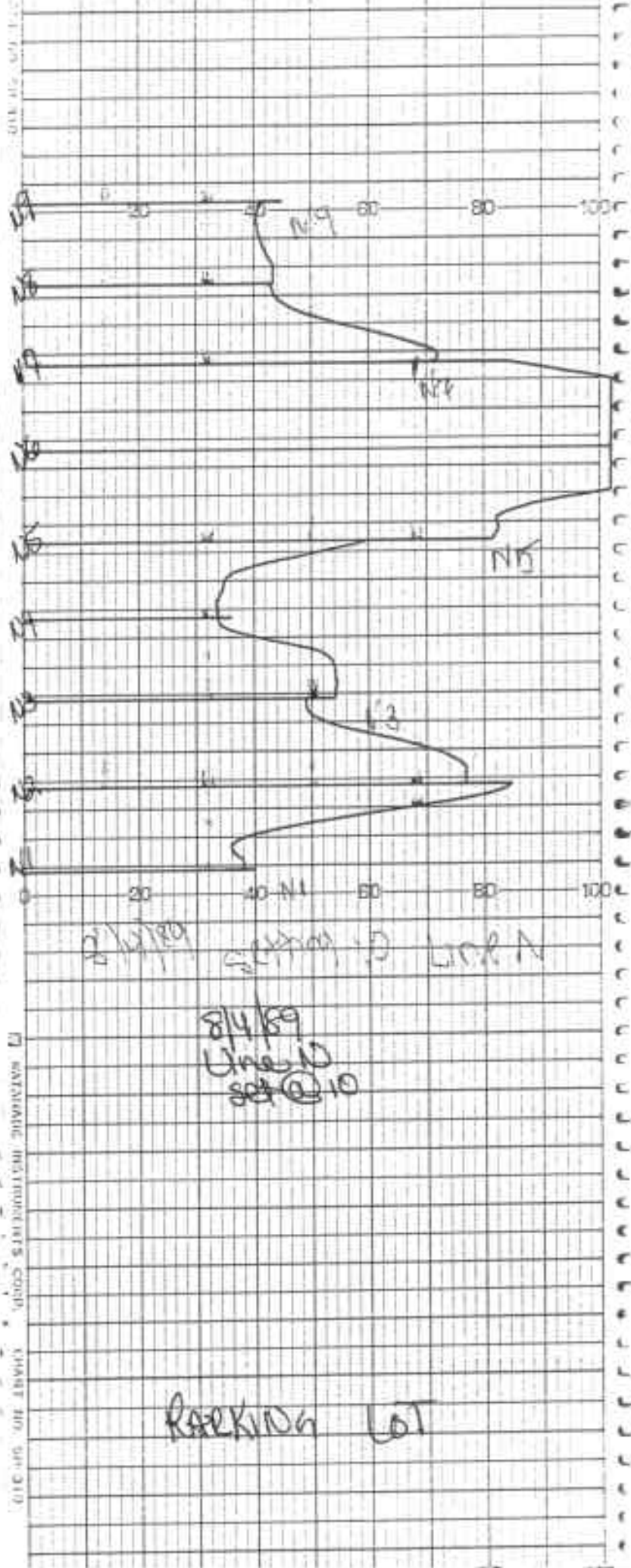


Line J 8/3/89 sand



Line L
In Pond
8/3/89

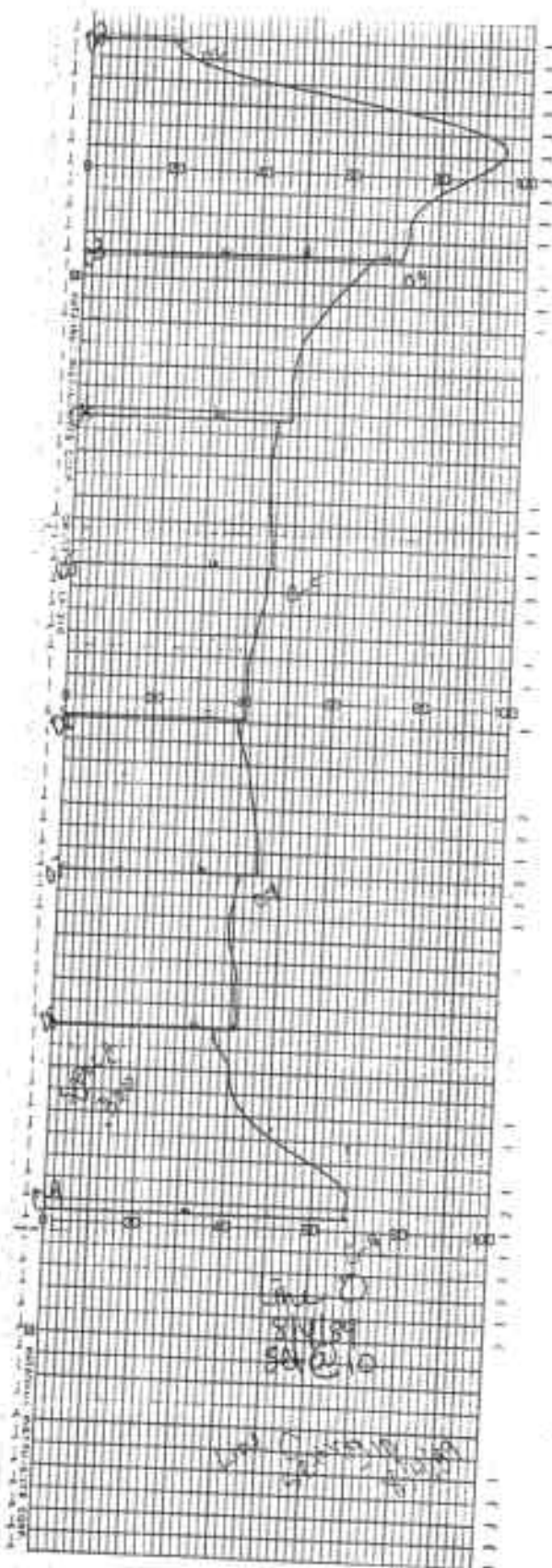




Line N
8/4/89

PARKING LOT

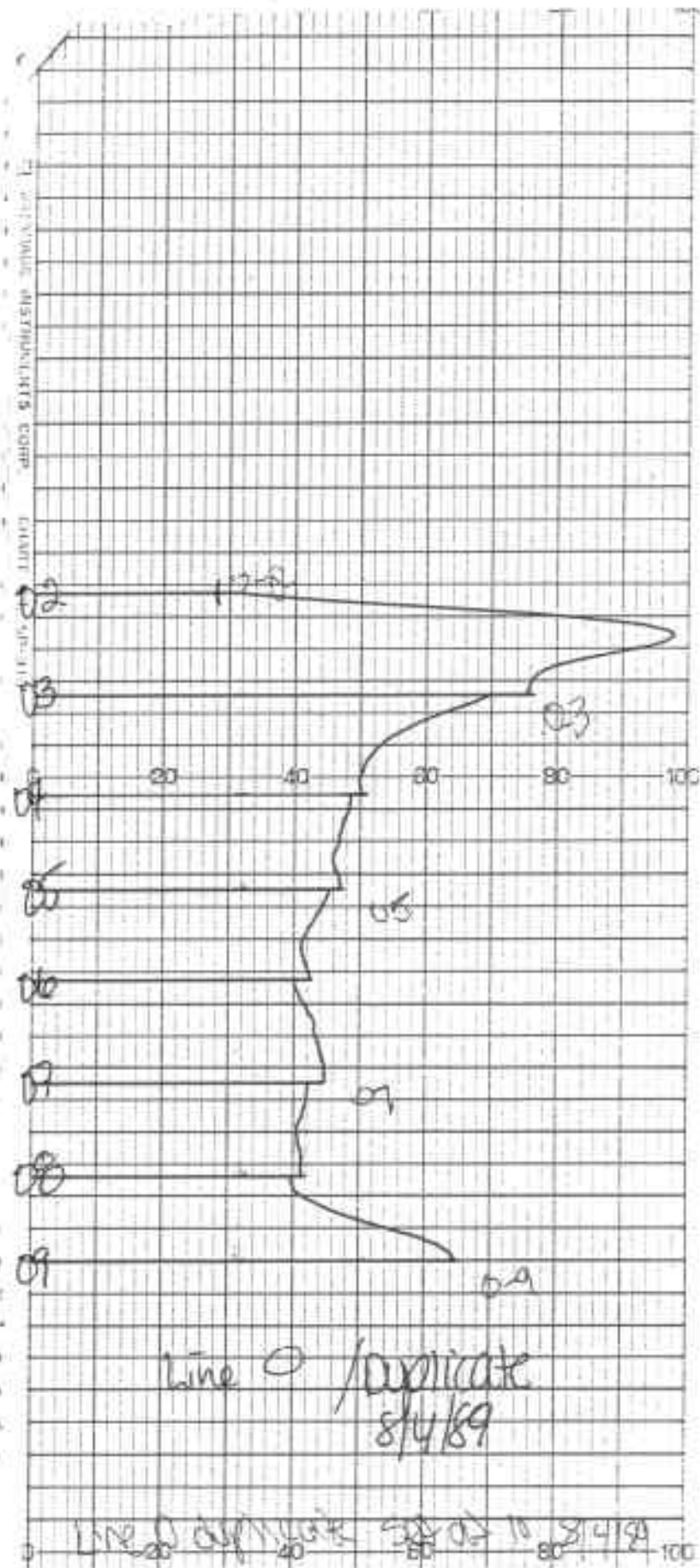
Line 0
8/4/89
Setting at 10

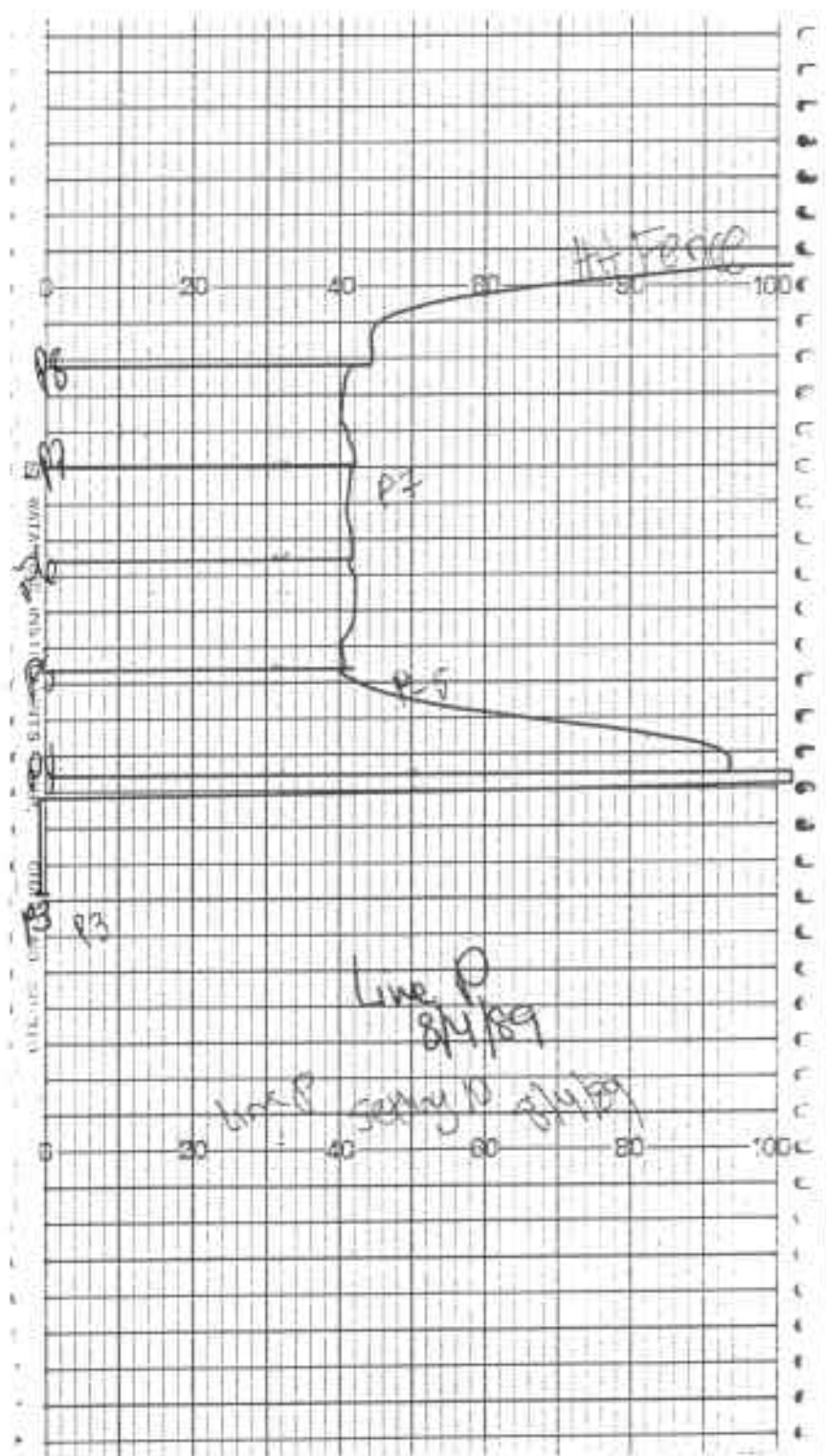


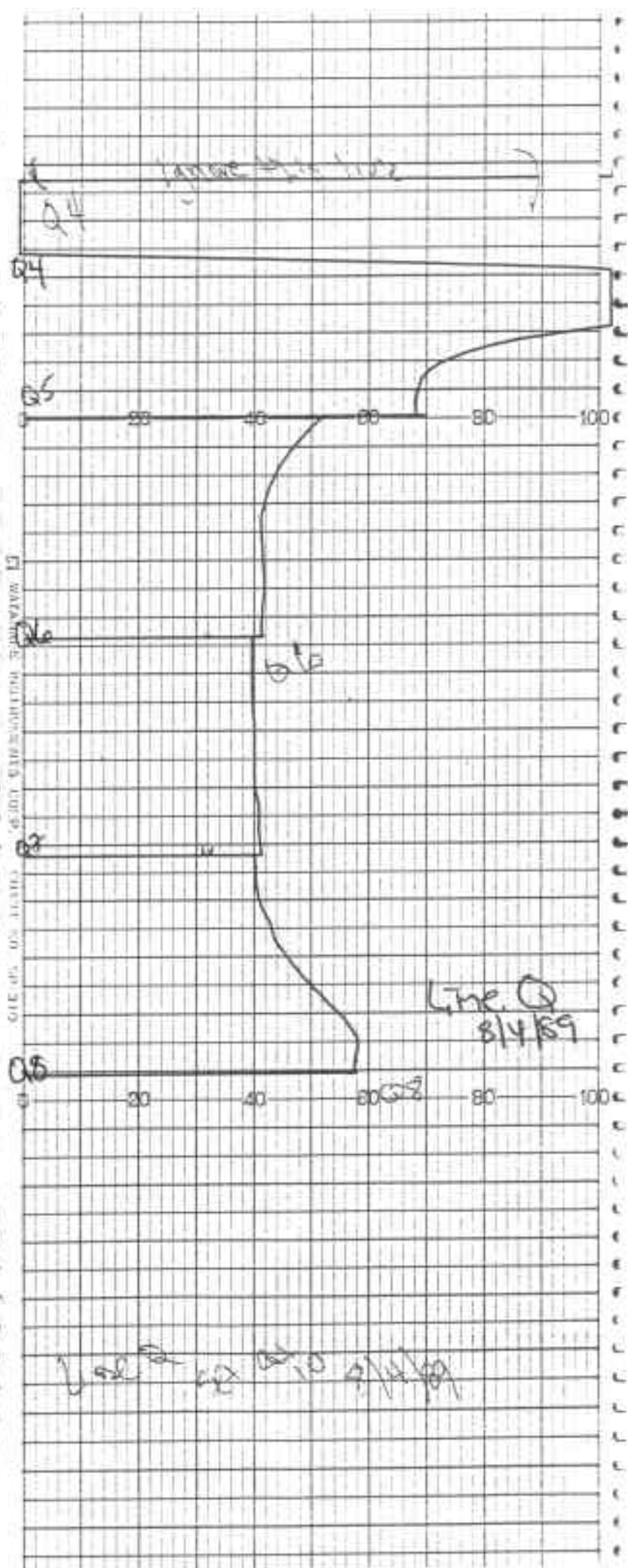
Line 0
8/4/89
Setting at 10

Line 0
8/4/89
Setting at 10

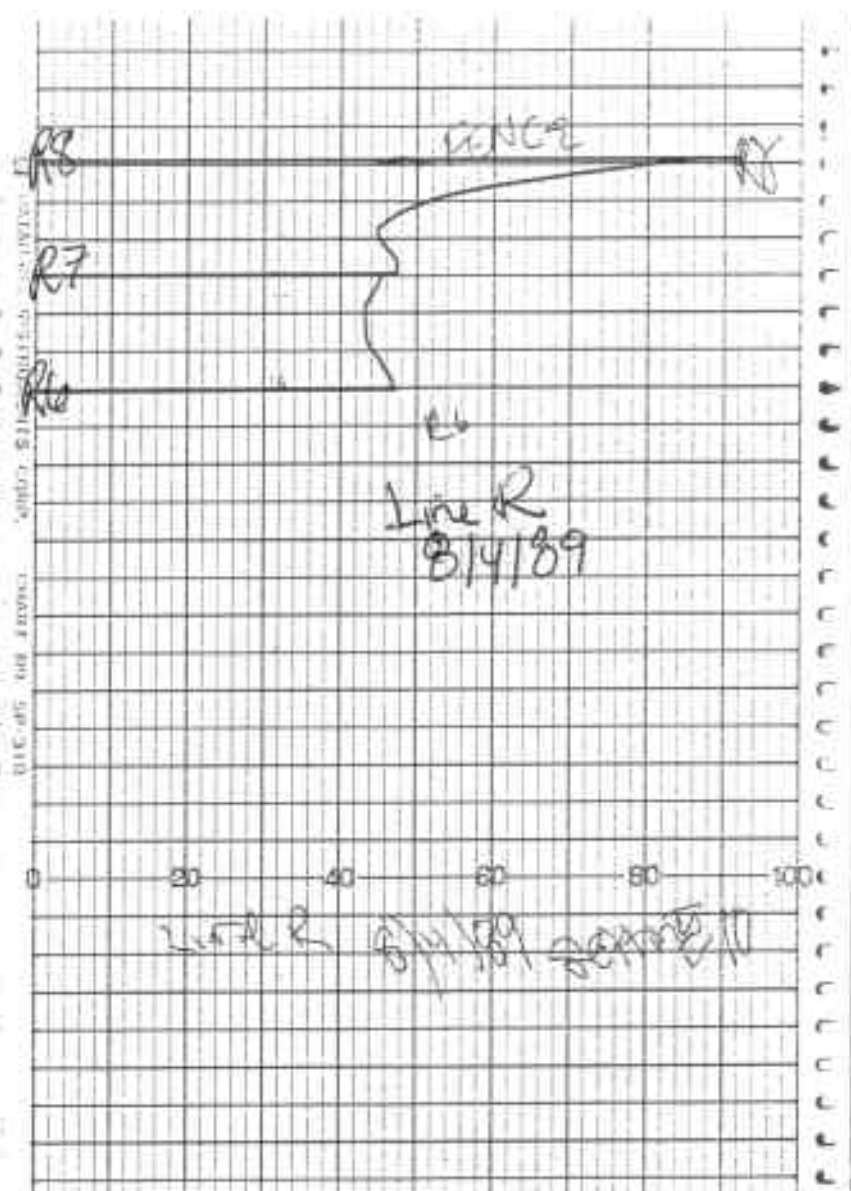
Line O
8/4/89



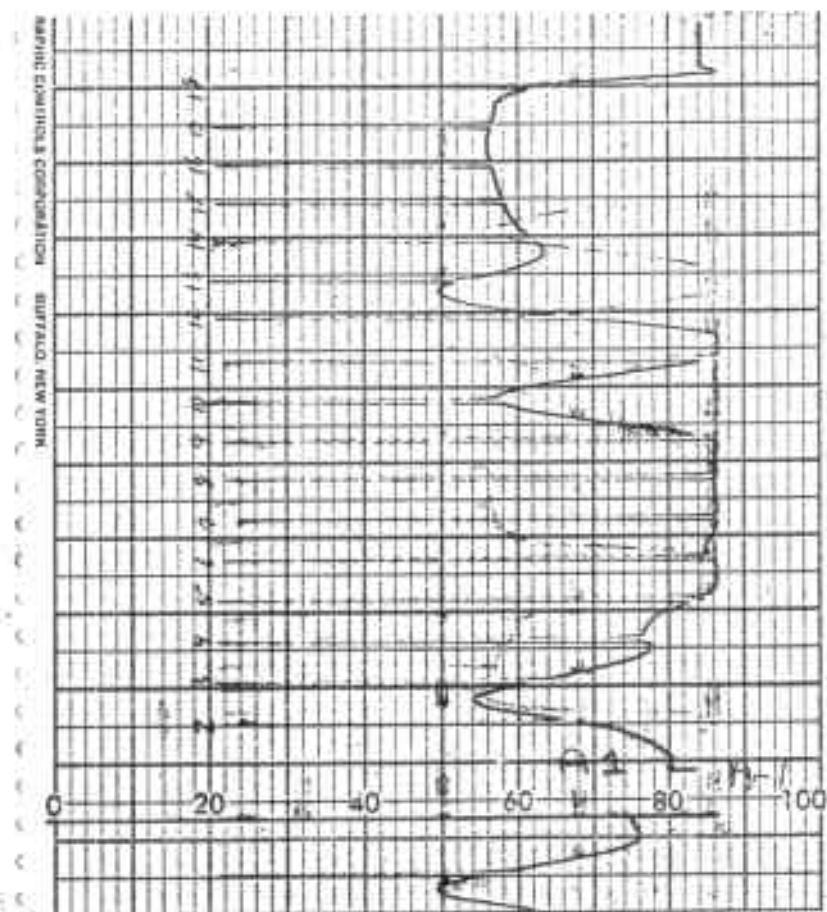




Line R
8/4/89

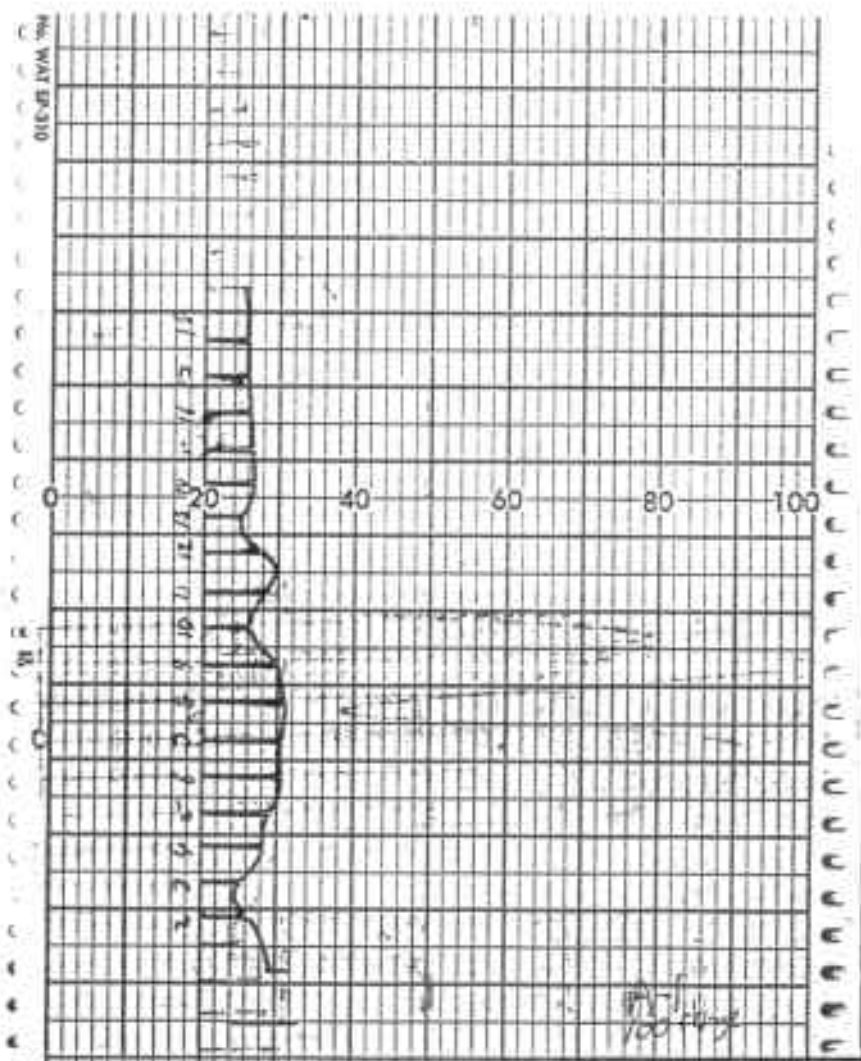


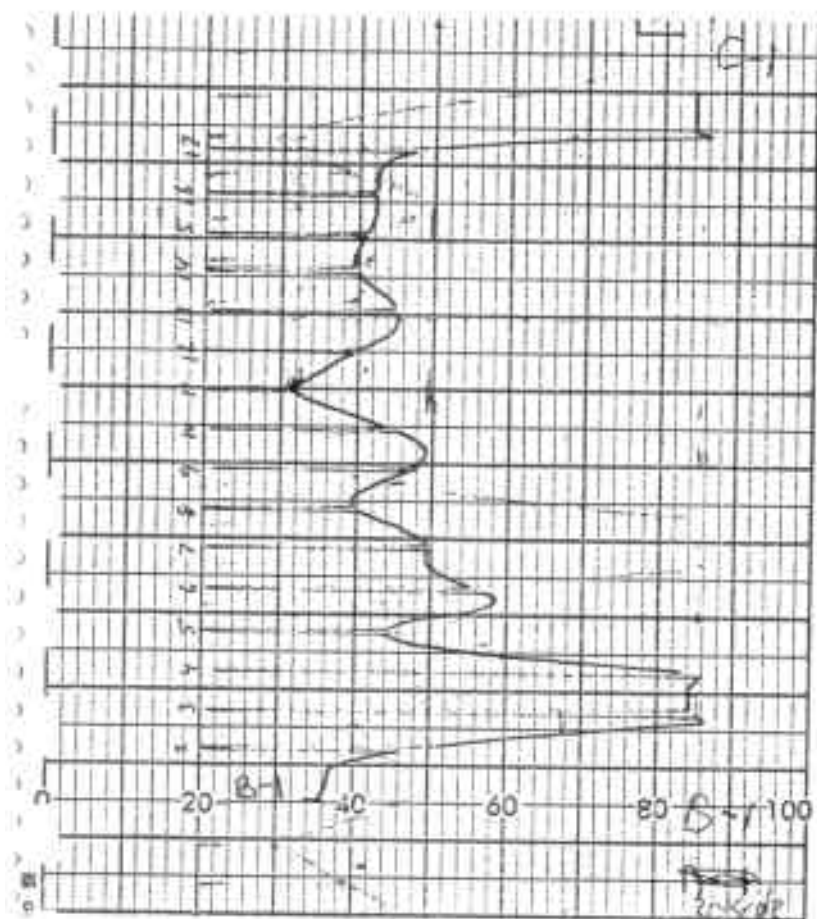
Line A
 5/1/91
 North of SHI



Line A
5/1/91

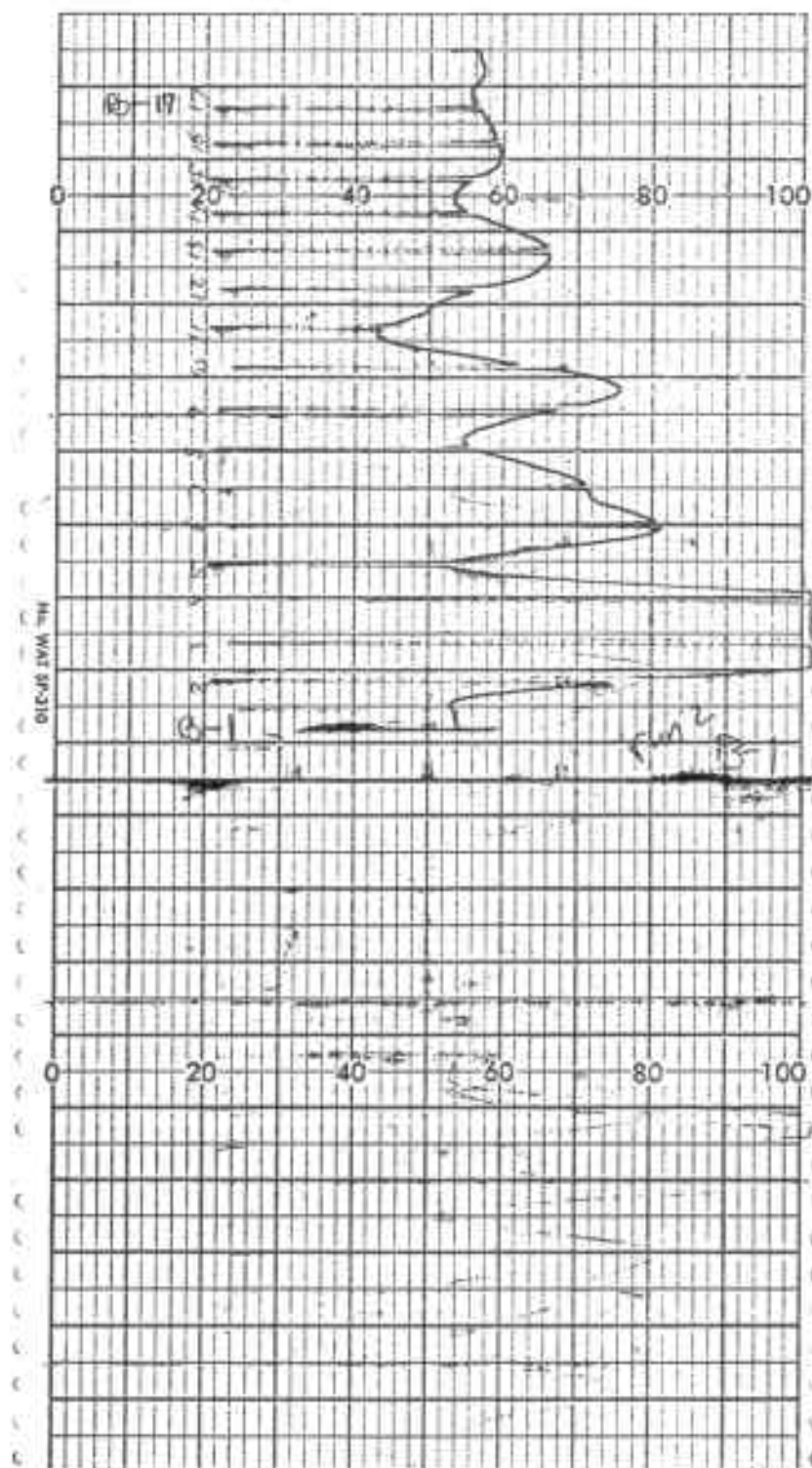
Duplicate Run



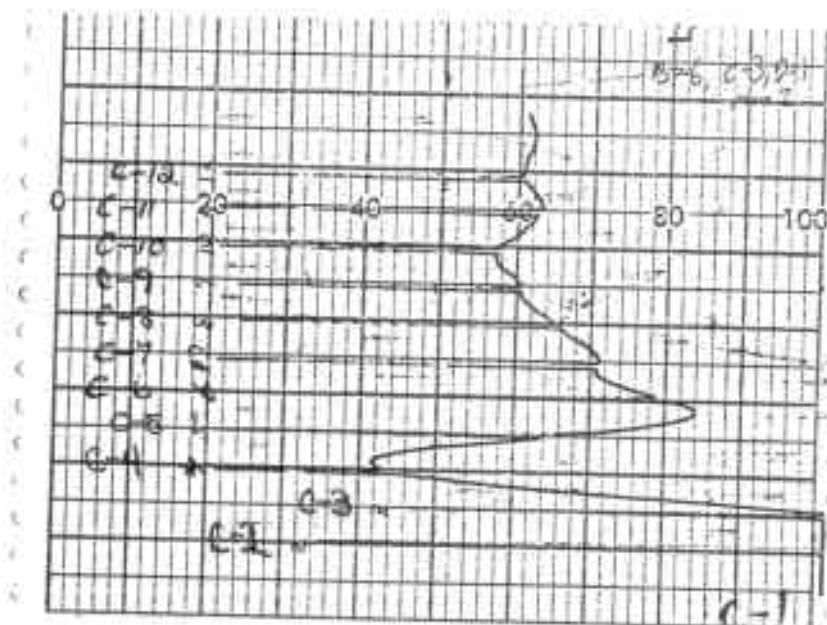


Line B
 5/1/91
 North of SHI

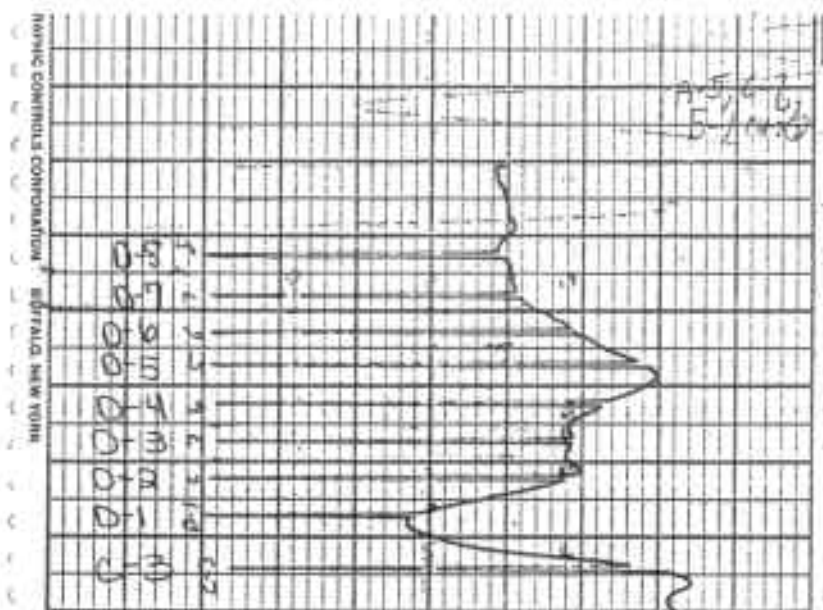
Line B
5/1/91
Duplicate



Line C
5/1/92
North of SHI



Line D
 5/1/91
 North of SHI



LINE E

5/1/91

North of SHI

