N60087.AR.000683
NAS BRUNSWICK
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Final Report

Monitoring Event 10 - November 1997
Sites 1 and 3 and Eastern Plume,
Naval Air Station, Brunswick, Maine

Volume 2 of 2
Appendix D

Contract No. N62472-92-D-1296
Contract Task Order No. 0047

Prepared for

Department of the Navy
Northern Division
Naval Facilities Engineering Command
10 Industrial Highway
Mail Stop No. 82
Lester, Pennsylvania 19113-2090

Prepared by

EA Engineering, Science, and Technology
The Maple Building
3 Washington Center
Newburgh, New York 12550

April 1998
296.0047

296.0047

Final Report

Monitoring Event 10 - November 1997
Sites 1 and 3 and Eastern Plume,
Naval Air Station, Brunswick, Maine

Volume 2 of 2
Appendix D

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Prepared for

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Lester, Pennsylvania 19113-2090

Charles E. McLeod, P.E.
CTO Manager

4/6/98
Date

Charles R. Flynn, Jr., Ph.D., P.H.
Program Manager

4/3/98
Date

April 1998

Appendix D

Analytical Report Data Tables

D.1 Ground-Water Samples Sites 1 and 3
D.2 Ground-Water Samples Eastern Plume
D.3 Aqueous Samples Ground-Water Extraction Treatment System
D.4 Surface Water Samples Sites 1 and 3
D.5 Sediment Samples Sites 1 and 3
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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Sites 1+3

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: rainy, 60°		
EA Personnel: BDA, MDC	Equipment: TVA-1000, Slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
EP-16	YY	Yes	*	*	Good		58.92	35.02	49.90	23.90
MW-216A	YY	Yes	*	*	Good		71.17	36.75	46.96	34.42
MW-211A	YY	Yes	*	*	Good		65.59	25.45	137.02	40.14
MW-211B	YY	Yes	*	*	Good		65.44	27.78	36.50	37.66
MW-210I	YY	No	*	*	Good		61.05	13.24	30.00	47.81
MW-201R	YY	Yes	*	*	Good		58.88	12.04	39.51	46.84
MW-233R	YY	Yes	*	*	Good		63.94	29.57	50.49	34.37
MW-215R	YY	Yes	*	*	Good		62.26	28.60	49.95	33.66
MW-202A	YY	Yes	*	*	Good		52.40	21.63	31.09	30.77
MW-202B	YY	Yes	*	*	Good		53.04	DRY	17.93	—
MW-203	YY	Yes	*	*	Good		52.75	32.12	42.04	20.63
MW-218	YY	Yes	*	*	Good		54.16	34.25	53.54	19.91
MW-204	YY	Yes	*	*	Good		50.50	30.15	37.18	20.35

NOTE: All measurements in feet mean sea level (MSL).

* VOC not collected due to rain

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Sites 1+3

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: rainy, 60°		
EA Personnel: BDA, MDC	Equipment: TVA-1000, Slope indicator.	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-219	Y Y	Yes	*	*	Good		51.87	30.98	71.82	20.89
EW-6	Y Y	Yes	*	*	Good		57.74	27.02	39.05	30.72
EW-7	Y Y	Yes	*	*	Good		51.13	28.58	50.55	22.55
MW-234R	Y Y	Yes	*	*	Good		68.55	34.57	59.52	33.98
MW-232A	Y Y	Yes	*	*	Good		71.18	37.20	54.76	33.98
MW-217B	Y Y	Yes	*	*	Good		61.25	26.76	34.60	34.49
MW-217A	Y Y	Yes	*	*	PVC pipe broken down		61.78	28.70	44.56	33.08
MW-220	Y Y	Yes	*	*	Good		47.20	28.45	49.87	18.75
MW-210A	Y Y	Yes	*	*	Good		52.17	19.65	105.60	32.52
MW-210B	Y Y	Yes	*	*	Good		54.72	31.27	26.40	23.45
EP-20	Y Y	No	*	*	Good		69.55	34.77	47.25	34.78
EP-19	Y/N	No	*	*	Good		68.22	33.83	47.30	34.39
EP-18	Y Y	Yes	*	*	Good		68.58	34.17	38.10	34.41

NOTE: All measurements in feet mean sea level (MSL).

* VOC concentrations not collected due to rain

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Sites 1+3

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: rainy, 60°		
EA Personnel: BDA, MDC	Equipment: TVA-1000, Slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm)		Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
			Air Ambient	Well Mouth						
EP-17	Y Y	Y	*	*	Good		69.73	35.37	42.85	34.36
MW-210R	Y Y	No	*	*	Good		55.90	22.55	112.00	33.35

NOTE: All measurements in feet mean sea level (MSL).

* VOC concentrations not collected due to rain

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Eastern Plume

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: Rainy, 60°		
EA Personnel: BDA, MDC	Equipment: TVA 1000, Slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-310	Y Y	Yes	*	*	Good	--	53.39	29.89	72.83	23.50
MW-206A	Y Y	Yes	*	*	Good		43.02	20.92	74.36	22.10
MW-206B	Y Y	Yes	*	*	Good		42.77	20.75	27.17	22.02
MW-225A	Y Y	Yes	*	*	Good		45.95	21.90	76.03	24.05
MW-225B	Y Y	Yes	*	*	Good		46.25	22.83	42.00	23.42
MW-105A	Y Y	Yes	*	*	Good		24.19	3.60	46.87	20.59
MW-105B	Y Y	Yes	*	*	Good		24.55	9.15	22.91	15.40
MW-231A	Y Y	Yes	*	*	Good		45.41	21.10	62.42	24.31
MW-231B	Y Y	Yes	*	*	Good		46.31	25.27	57.86	21.04
MW-230A	Y Y	Yes	*	*	Good		36.32	16.21	82.08	20.11
MW-318	Y Y	Yes	*	*	Good		24.28	7.42	25.14	16.86
MW-229A	Y Y	Yes	*	*	Good		33.83	14.39	64.97	19.44
MW-229B	Y Y	Yes	*	*	Good		30.08	16.17	32.70	13.91

NOTE: All measurements in feet mean sea level (MSL).

* VOC not collected due to rain

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Eastern Plume

Project Name: LTMP Bimonthly gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: Rainy, 60°		
EA Personnel: BDA - MDC	Equipment: TVA-1000, slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-313	Y Y	Yes	*	*	Good		21.39	9.80	37.14	11.59
EP-1	Y Y	Yes	*	*	Good		31.67	13.49	100.51	18.18
EP-2	Y Y	Yes	*	*	Good		29.74	12.00	99.00	17.74
EP-3	Y Y	Yes	*	*	Good		27.91	9.09	89.21	18.82
EW-1	Y Y	Yes	*	*	Good		25.34	14.10	99.66	11.24
MW-205	Y Y	Yes	*	*	Good		45.99	24.88	78.77	21.11
EW-2	Y Y	Yes	*	*	Good		31.63	18.97	90.86	12.66
EP-4	Y Y	Yes	*	*	Good		32.59	12.36	91.11	20.23
EP-5	Y Y	Yes	*	*	Good		34.61	12.90	79.85	21.71
EP-6	Y Y	Yes	*	*	Good		40.14	17.13	83.51	23.01
MW-207A	Y Y	Yes	*	*	Good		24.06	Artesian	73.22	>24.06
MW-207B	Y Y	Yes	*	*	Good		22.90	8.03	27.17	14.87
MW-311	Y N	No	*	*	Good		21.48	19.34	55.78	2.14

NOTE: All measurements in feet mean sea level (MSL).

EW-1 - 15gpm
EW-2 26gpm

* Voc not collected due to rain.

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Eastern Plume

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: rainy, 60°		
EA Personnel: BDA MDC	Equipment: TVA-1000, slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
P-112	Y Y	Yes	*	*	Good	--	41.12	13.30	16.41	27.82
MW-319	Y Y	Yes	*	*	Good		40.16	17.73	72.44	22.43
MW-106	Y Y	Yes	*	*	Good		51.26	26.10	37.27	25.16
MW-208	Y Y	Yes	*	*	Good		49.40	24.35	103.33	25.05
EW-3	Y Y	Yes	*	*	Good		41.18	28.60	67.04	12.58
MW-203	Y Y	Yes	*	*	Good		53.71	28.00	42.61	25.71
P-124	Y N	No	*	*	Good		51.12	DRY	23.25	—
MW-209	Y Y	Yes	*	*	Good		54.84	28.48	32.38	26.36
MW-222	Y Y	Yes	*	*	Good		57.43	30.28	45.34	27.15
P-110	Y N	No	*	*	Good		56.70	DRY	24.14	—
MW-224	Y Y	Yes	*	*	Good		57.63	29.43	46.95	28.20
EP-7	Y Y	Yes	*	*	Good		48.49	23.22	70.20	25.27
EP-8	Y Y	Yes	*	*	Good		47.31	21.55	80.38	25.76

NOTE: All measurements in feet mean sea level (MSL).

EW-3 - Flow meter broken * VOC not collected due to rain.

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Eastern Plume

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: rainy, 60°		
EA Personnel: BDA, MDC	Equipment: TVA-1000 Slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
EW-4	Y Y	Yes	*	*	Good	--	37.13	21.20	69.37	15.93
EP-9	Y Y	Yes	*	*	Good		37.84	10.62	62.46	27.22
EP-10	Y Y	Yes	*	*	Good		37.78	11.15	58.00	26.63
EP-11	Y Y	Yes	*	*	Good		41.59	13.04	65.03	28.55
EP-12	Y Y	Yes	*	*	Good		49.38	20.45	69.61	28.93
MW-307	Y Y	Yes	*	*	Good		62.70	16.97	22.21	45.73
EW-5	Y Y	Yes	*	*	Good		36.25	32.30	84.99	3.95
P-105	Y Y	Yes	*	*	Good		42.08	10.82	70.35	31.26
P-106	Y Y	Yes	*	*	Good		38.83	11.95	71.06	26.88
EP-13	Y Y	Yes	*	*	Good		38.96	7.74	71.03	31.22
EP-14	Y Y	Yes	*	*	Good		43.46	12.79	80.05	30.67
EP-15	Y Y	Yes	*	*	Good		45.37	15.91	82.68	29.46
P-132	Y Y	Yes	*	*	Good		42.95	18.43	32.46	24.52

NOTE: All measurements in feet mean sea level (MSL).

EW-4 22gpm
EW-5 13gpm

* VOC not collected due to rain

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Eastern Plume

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: rainy, 90°		
EA Personnel: BDA, MDC	Equipment: TVA-1000 Slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-303	Y Y	Yes	*	*	Good		44.28	12.87	71.62	31.41
MW-305	Y Y	Yes	*	*	Good		43.09	11.68	54.12	31.41
MW-NASB 212	Y Y	Yes	*	*	Good		41.64	10.48	67.34	31.16
MW-306	Y Y	Yes	*	*	Good		52.12	19.98	56.98	32.14
P-103	Y N	NO	*	*	Good		60.35	25.82	29.05	34.53
MW-1104	Y Y	Yes	*	*	Good		60.09	13.63	27.55	46.46
P-111	Y N	NO	*	*	Good		31.48	6.32	9.99	25.16
MW-308	Y Y	Yes	*	*	Good		37.70	6.48	72.85	31.22
MW-309A	Y Y	Yes	*	*	Good		22.84	Artesian	72.71	>22.84
MW-309B	Y Y	Yes	*	*	Good		22.32	0.60	59.43	21.72
MW-312	Y Y	Yes	*	*	Good		35.97	12.42	71.15	23.55
MW-316A	Y Y	Yes	*	*	Good		53.71	23.20	103.10	30.51
MW-316B	Y Y	Yes	*	*	Good		54.40	14.42	57.85	39.98

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Eastern Plume

Project Name: LTMP Bimonthly Gauging September 1997	Project No: 29600.47	Date: 9/3/97
Weather/Temperature: rainy 60°		
EA Personnel: MDC BDA	Equipment: TVA-1000 Slope indicator	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-317A	YY	Yes	*	*	Good	--	71.35	17.82	120.79	53.53
MW-317B	YY	Yes	*	*	Good		70.10	16.55	96.95	53.55
P-121	YY	Yes	*	*	Good		50.78	15.85	17.35	34.93
P-123	YY	Yes	*	*	Good		54.19	Blocked	—	—
GP-1							31.10	3.14		27.96
GP-2							28.95	2.40		26.55
GP-3							27.33	3.75		23.58
GP-4							18.39	2.60		15.79
GP-5							23.38	9.90		13.48
GP-6							15.22	10.60		4.62

NOTE: All measurements in feet mean sea level (MSL).

* VOC not collected due to rain

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Sites 1+3	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny, 55° breezy		
EA Personnel: SYC MDC	Equipment: Slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
EP-16	Y Y	Y	0	0	Good	--	58.92	35.58	49.90	23.34
MW-216A	Y Y	Y	0	1,000	Good		71.17	36.99	46.96	34.18
MW-211A	Y Y	Y	0	111	Good		65.59	26.00	137.02	39.59
MW-211B	Y Y	Y	0	300	Good		65.44	28.18	36.50	37.26
MW-2101	Y Y	Y	0	0	Good		67.65	13.92	30.00	47.13
MW-201R	Y Y	Y	0	0	Good		58.88	12.60	39.51	46.28
MW-233R	Y Y	Y	0	0	Good		63.94	29.85	50.49	34.09
MW-215R	Y Y	Y	0	1.2%	Good		62.26	28.88	49.95	33.38
MW-202A	Y Y	Y	0	0	Good		52.40	21.63	31.09	30.77
MW-202B	Y Y	Y	0	0	Good		53.04	DRY	17.93	—
MW-203	Y Y	Y	0	0	Good		52.75	32.27	42.04	20.48
MW-218	Y Y	Y	0	0	Good		54.16	34.30	53.54	19.86
MW-204	Y Y	Y	0	0	Good		50.50	30.35	37.18	20.15

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Sites 1+3	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny 55°		
EA Personnel: SYC, MDC	Equipment: Slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-219	Y Y	Y	0	0	Good	--	51.87	31.10	71.82	20.77
*** EW-6	Y Y	Y	10	5	Good		57.74	27.30	39.05	30.44
*** EW-7	Y Y	Y	50	10	Good		51.13	26.70	50.55	24.43
MW-234R	Y Y	Y	0	429	Good		68.55	34.80	59.52	33.75
MW-232A	Y Y	Y	0	517	Good		71.18	37.45	54.76	33.73
MW-217B	Y Y	Y	0	3100	Good**		61.25	26.20	34.60	35.05
MW-217A	Y Y	Y	0	320	Good*		61.78	~~28.95~~	44.56	32.83
MW-220	Y Y	Y	0	0	Good		47.20	28.97	49.87	18.23
MW-210A	Y Y	Y	0	0	Good		52.17	20.20	105.60	31.97
MW-210B	Y Y	Y	0	50	Good		54.72	31.65	26.40	23.07
EP-20	Y Y	Y	0	102	Good		69.55	35.00	47.25	34.55
EP-19	Y Y	Y	0	0	Good		68.22	33.99	47.30	34.23
EP-18	Y Y	Y	0	0	Good		68.58	34.40	38.10	34.18

NOTE: All measurements in feet mean sea level (MSL).

*MW-217A - apart at extension
** MW-217B - pumpchord shortened - stainless cable shortened

*** Extraction Wells were gauged on 19 November 1997

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Sites 1+3		Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny, 55°			
EA Personnel: SYC, MD C		Equipment: Slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm)		Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
			Air Ambient	Well Mouth						
EP-17	Y Y	Y	0	0	Good	--	69.73	35.60	42.85	34.13
MW2DR	Y Y	Y	0	0	Good		55.90	23.00	112.00	32.90

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Eastern Plume	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny, 55°		
EA Personnel: SYC, MDC	Equipment: Slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-310	Y Y	Y	0	0	Good		53.39	30.65	72.83	22.74
MW-206A	Y Y	Y	0	0	Good		43.02	21.43	74.36	21.59
MW-206B	Y Y	Y	0	0	Good		42.77	21.50	27.17	21.27
MW-225A	Y Y	Y	0	0	Good		45.95	22.67	76.03	23.28
MW-225B	Y Y	Y	0	0	Good		46.25	23.72	42.00	22.53
MW-105A	Y Y	Y	0	0	Good		24.19	3.90	46.87	20.29
MW-105B	Y Y	Y	0	0	Good		24.55	6.35	22.91	18.20
MW-231A	Y Y	Y	0	0	Good		45.41	21.80	62.42	23.61
MW-231B	Y Y	Y	0	0	Good		46.31	25.80	57.86	20.51
MW-230A	Y Y	Y	0	0	Good		36.32	16.55	82.08	19.77
MW-318	Y Y	Y	0	0	Good		24.28	6.99	25.14	17.29
MW-229A	Y Y	Y	0	0	Good		33.83	14.64	64.97	19.19
MW-229B	Y Y	Y	0	0	Good		30.08	16.59	32.70	13.49

NOTE: All measurements in feet mean sea level (MSL).

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Eastern Plume	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny, 55°		
EA Personnel: SYC, MDC	Equipment: Slope indicator TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-313	Y Y	Y Y	0	0	Good	--	21.39	9.57	37.14	11.82
EP-1	Y Y	Y	0	0	Good		31.67	13.45	100.51	18.22
EP-2	Y Y	Y	0	0	Good		29.74	11.91	99.00	17.83
EP-3	Y Y	Y	0	0	Good		27.91	9.16	89.21	18.75
** EW-1	Y Y	Y	0	0	Good		25.34	13.55	99.66	11.79
MW-205	Y Y	Y	0	0	Good		45.99	25.15	25.15	78.77
** EW-2	Y Y	Y	0	0	Good		31.63	19.20	90.86	12.43
EP-4	Y Y	Y	0	0	Good		32.59	12.95	91.11	19.64
EP-5	Y Y	Y	0	0	Good		34.61	13.60	79.85	21.01
EP-6	Y Y	Y	0	0	Good		40.14	17.92	83.51	22.22
MW-207A	Y Y	Y	0	0	Good		24.06	2.70	73.22	21.36
MW-207B	Y Y	Y	0	0	Good		22.90	7.75	27.17	15.15
* MW-311	Y Y	N	0	0	Good		21.48	20.72	55.78	0.76

NOTE: All measurements in feet mean sea level (MSL).

* actively pumping

207A - needs new steel casing

** Extraction wells gauged on 19 November 1997

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Eastern Plume	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny, 55°		
EA Personnel: SYC, MDC	Equipment: Slope indicator TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
P-112	Y Y	Y	0	0	Good	--	41.12	12.57	16.41	28.55
mw-319	Y Y	Y	0	0	Good		40.16	18.45	72.44	21.71
mw-106	Y Y	Y	0	0	Good		51.26	27.07	37.27	24.19
mw-208	Y Y	Y	0	0	Good		49.40	25.27	103.33	24.13
* EW-3	Y Y	Y	0	0	Good		41.18	41.50	67.04	-0.32
mw-223	Y Y	Y	0	0	Good		53.71	28.99	42.61	24.72
P-124	Y Y	Y	0	0	Good		51.12	DRY	23.25	—
mw-209	Y Y	Y	0	0	Good		54.84	29.55	32.38	25.29
mw-222	Y Y	Y	0	0	Good		57.43	31.25	45.34	26.18
P-110	Y Y	Y	0	0	Good		56.70	DRY	24.14	—
mw-224	Y Y	Y	0	0	Good		57.63	30.60	46.95	27.03
EP-7	Y Y	Y	0	0	Good		48.49	24.20	70.20	24.29
EP-8	Y Y	Y	0	0	Good		47.31	22.53	80.38	24.78

NOTE: All measurements in feet mean sea level (MSL).

* Extraction Wells gauged on 19 November 1997.

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Eastern Plume	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: sunny, 55°		
EA Personnel: SYC, MOE	Equipment: Slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
* EW-4	Y Y	Y	0	0	Good	--	37.13	22.10	69.37	5.03
EP-9	Y Y	Y	0	0	Good		37.84	11.47	62.46	26.37
EP-10	Y Y	Y	0	0	Good		37.78	11.72	58.00	26.06
EP-11	Y Y	Y	0	0	Good		41.59	13.91	65.03	27.68
EP-12	Y Y	Y	0	0	Good		49.38	21.45	69.61	27.93
MW-307	Y Y	Y	0	0	Good		62.70	17.63	22.21	45.07
* EW-5	Y Y	Y	0	0	Good		36.25	29.45	84.99	6.80
P-105	Y Y	Y	0	0	Good		42.08	11.20	70.35	30.88
P-106	Y Y	Y	0	0	Good		38.83	12.52	71.06	26.31
EP-13	Y Y	Y	0	0	Good		38.96	8.28	71.03	30.68
EP-14	Y Y	Y	0	0	Good		43.46	13.15	80.05	30.31
EP-15	Y Y	Y	0	0	Good		45.37	15.97	82.68	29.40
P-132	Y Y	Y	0	0	Good		42.95	18.36	32.46	24.59

NOTE: All measurements in feet mean sea level (MSL).

* Extraction wells gauged on 19 November 1997

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Eastern Plume	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny, 55°		
EA Personnel: SYC, MDC	Equipment: Slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-303	Y Y	Y	0	0	Good	--	44.28	13.15	71.62	31.13
MW-305	Y Y	Y	0	0	Good		43.09	11.88	54.12	31.21
MW-NASB-212	Y Y	Y	0	0	Good		41.64	10.75	67.34	30.89
MW-306	Y Y	Y	0	0	Good		52.12	20.67	56.98	31.45
P-103	Y Y	Y	0	0	Good		60.35	25.70	29.05	34.65
MW-1104	Y Y	Y	0	0	Good		60.09	13.73	27.55	46.36
P-111	Y Y	Y	0	0	Good		31.48	DRY	9.99	—
MW-308	Y Y	Y	0	0	Good		37.70	7.00	72.85	30.70
MW-309A	Y Y	Y	0	0	Good		22.84	Artesian	72.71	22.84
MW-309B	Y Y	Y	0	0	Good		22.32	2.17	59.43	20.15
MW-312	Y Y	Y	0	0	Good		35.97	12.95	71.15	23.02
MW-316A	Y Y	Y	0	0	Good		53.71	23.80	103.10	29.91
MW-316B	Y Y	Y	0	0	Good		54.40	15.20	57.85	39.20

NOTE: All measurements in feet mean sea level (MSL).

309A needs new steel casing

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EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

FIELD RECORD OF WELL GAUGING

Project Name: LTMP Event 10 Eastern Plume	Project No: 29600.47.7303	Date: 11/3/97
Weather/Temperature: Sunny 55°		
EA Personnel: SYC MDC	Equipment: Slope indicator, TVA-1000	

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal Condition	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
MW-317A	Y Y	Y	0	0	Good	--	71.35	17.55	120.79	53.80
MW-317B	Y Y	Y	0	0	Good		76.10	16.25	96.95	53.85
P-121	Y Y	Y	0	0	Good		56.78	16.33	17.35	34.55
P-123	Y Y	Y	0	0	Good		54.19	Blocked	—	—
GP-1							31.10	2.95		28.15
GP-2							28.95	3.40		25.55
GP-3							27.33	3.60		23.73
GP-4							18.39	2.00		16.39
* GP-5							23.38	9.42		13.96
GP-6							15.22	9.60		5.62

NOTE: All measurements in feet mean sea level (MSL).

* damn of debris in front of culvert - holding back water GP-2 access

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Appendix A.2

Field Record of Well Gauging, Purging, and Sampling Forms for Sites 1 and 3 and Eastern Plume

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-202A
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°

GAUGE DATE: 11/6/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.11

GAUGE TIME: 1210
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/6/97
PURGE METHOD: 2 Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1214
FIELD PERSONNEL: KC SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 31.09
B. DEPTH TO WATER (ft): 21.54
C. LIQUID DEPTH (ft) (A-B): 9.55

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 5.78
F. THREE WELL VOLUMES (L) (E*3): 17.34

Parameter	Beginning	1	2	3	4	5
Time (min)	1217	1220	1223	1226	1229	1232
Depth to Water (ft)	22.68	23.20	23.18	23.15	23.15	23.16
Purge Rate (L/min)	0.25	0.25	0.25	0.25	0.25	0.25
Volume Purged (L)	0.75	1.5	2.25	3.0	3.75	4.5
pH	5.33	5.59	5.77	5.85	5.85	5.86
Temperature (°C)	10.0	10.7	12.8	14.6	15.0	16.3
Conductivity (μmhos/cm)	956	882	964	826	906	888
Dissolved Oxygen (mg/L)	2.10	1.58	1.18	0.95	0.85	0.79
Turbidity (NTU)	176	127	76	66	59	61
Eh (mv)	312	287	252	230	221	207

TOTAL QUANTITY OF WATER REMOVED (L): 16

SAMPLERS: KC, SC
SAMPLING TIME (START/END): 1320/1321
SAMPLING DATE: 11/6/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, nitric acid
SAMPLE BOTTLE IDs: BN-10-S1-MW006
SAMPLE PARAMETERS: ~~nitric acid~~ TAL Elements, VOC

COMMENTS AND OBSERVATIONS: water containerized and run through treatment plant
At 1232 emptied Flow cell and refilled. Appeared to have sediment settling in Flow cell
ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 29600.47	Date: 11/6/97
Well ID: MW-202A	Field Personnel: KC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1237	1242	1247	1252	1257	1302
Depth to Water (ft)	24.01	24.14	23.99	23.69	23.31	23.20
Purge Rate (L/min)	0.25	0.25	0.25	0.25	0.25	0.25
Volume Purged (L)	~~3.25~~ 5.75	~~6.0~~ 7.0	8.25	~~10.0~~ 9.5	10.75	12.0
pH	5.95	5.98	6.00	6.02	6.02	6.00
Temperature (°C)	14.4	13.8	14.5	16.1	17.1	17.2
Conductivity (μmhos/cm)	976	998	974	830	936	1026
Dissolved Oxygen (mg/L)	0.66	0.50	0.42	0.47	1.19	1.58
Turbidity (NTU)	35	14	13	12	12	14
Eh (mv)	180	154	132	117	152	188

Parameter	12	13	14	15	16	17
Time (min)	1305	1308	1311	1314	1317	
Depth to Water (ft)	23.12	23.10	23.01	22.91	22.78	
Purge Rate (L/min)	0.25	0.25	0.25	0.25	0.25	
Volume Purged (L)	12.75	13.5	14.25	15.0	15.75	
pH	6.00	6.00	6.00	6.00	5.99	
Temperature (°C)	19.0	19.1	18.9	19.5	19.4	
Conductivity (μmhos/cm)	720	768	744	728	764	
Dissolved Oxygen (mg/L)	0.75	0.76	0.78	0.75	0.78	
Turbidity (NTU)	18	17	18	19	19	
Eh (mv)	142	138	118	111	110	

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-202B
WELL CONDITION: Good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°

GAUGE DATE: 11/6/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.75

GAUGE TIME: 1208
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: NA
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: NA
FIELD PERSONNEL: SC, KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 17.93
B. DEPTH TO WATER (ft): DRY
C. LIQUID DEPTH (ft) (A-B): 0

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)	Well	DRY				
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

TOTAL QUANTITY OF WATER REMOVED (L): ——

SAMPLERS: ——
SAMPLING TIME (START/END): ——
SAMPLING DATE: ——
DECONTAMINATION FLUIDS USED: ——
SAMPLE TYPE: ——
SAMPLE PRESERVATIVES: ——
SAMPLE BOTTLE IDs: ——
SAMPLE PARAMETERS: ——

COMMENTS AND OBSERVATIONS: Well dry, not sampled

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1 and 3
WELL I.D.: MW 203
WELL CONDITION: good

PROJECT NUMBER: 29600.47 / 7303
WELL LOCK STATUS: locked
WEATHER: p sunny, cool, 45°F

GAUGE DATE: 11/7/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.12

GAUGE TIME: 1015
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/7/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1030
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 42.04
B. DEPTH TO WATER (ft): 32.37
C. LIQUID DEPTH (ft) (A-B): 9.67
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 5.85
F. THREE WELL VOLUMES (L) (E*3): 17.55

Parameter	Beginning	1	2	3	4	5
Time (min)	1033	1038	1041	1044	1047	1050
Depth to Water (ft)	32.37	32.44	32.43	32.41	32.41	32.44
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.3L	4.2L	5.1L	6.0L
pH	3.14	5.30	5.67	5.79	5.84	5.88
Temperature (°C)	10.61	13.22	14.46	14.70	14.93	15.01
Conductivity (μmhos/cm)	593	688	685	687	683	686
Dissolved Oxygen (mg/L)	10.45	7.50	7.42	7.35	7.38	7.39
Turbidity (NTU)	23	10	5	5	4	4
Eh (mv)	294	190	183	185	186	192

TOTAL QUANTITY OF WATER REMOVED (L): 10.5L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1055 / 1105
SAMPLING DATE: 11/7/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl, HNO_3
SAMPLE BOTTLE IDs: BN-10-S1-MW015
SAMPLE PARAMETERS: VOCs, TAL Metals

COMMENTS AND OBSERVATIONS:

PH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: SITES 1 & 3
WELL I.D.: MW204
WELL CONDITION: GOOD

PROJECT NUMBER: 2960047/7303
WELL LOCK STATUS: LOCKED
WEATHER: P. SUNNY, 45°F

GAUGE DATE: 11/7/97
SOUNDING METHOD: SLOPE INDICATOR
STICK UP/DOWN (ft): 1.74

GAUGE TIME: 0900
MEASUREMENT REF: TOP OF PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/7/97
PURGE METHOD: LO FLO
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0910
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 37.18
B. DEPTH TO WATER (ft): 30.68
C. LIQUID DEPTH (ft) (A-B): 6.5

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 3.93
F. THREE WELL VOLUMES (L) (E*3): 11.79

Parameter	Beginning	1	2	3	4	5
Time (min)	915	920	925	930	935	
Depth to Water (ft)	30.68	30.95	30.98	30.96	30.97	
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	
Volume Purged (L)	1.5	3.0	4.5	6.0	7.5	
pH	6.25	6.25	6.22	6.20	6.12	
Temperature (°C)	11.4	12.4	12.9	13.1	13.3	
Conductivity (~~µmhos/cm~~ mS/cm)	0.044	0.048	0.054	0.048	0.042	
Dissolved Oxygen (mg/L)	8.99	8.80	8.54	8.41	8.49	
Turbidity (NTU)	7	13	10	9	8	
Eh (mv)	299	327	338	347	343	

TOTAL QUANTITY OF WATER REMOVED (L): 10.5 L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 940/945
SAMPLING DATE: 11/7/97
DECONTAMINATION FLUIDS USED: DI WATER
SAMPLE TYPE: GMB
SAMPLE PRESERVATIVES: 1:1 HCL, HNO3
SAMPLE BOTTLE IDs: BN-10-S1-MW011
SAMPLE PARAMETERS: VOC, TAL METALS
COMMENTS AND OBSERVATIONS: pH CHECK OK!

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Site 43
WELL I.D.: MW-210B
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°

GAUGE DATE: 11/7/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.50

GAUGE TIME: 1015
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/7/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm): Start: 0 End: 0

PURGE TIME: 1017
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 50 End: 21

WELL VOLUME

A. WELL DEPTH (ft): 41.35
B. DEPTH TO WATER (ft): 31.68
C. LIQUID DEPTH (ft) (A-B): 9.67

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 5.85
F. THREE WELL VOLUMES (L) (E*3): 17.55

Parameter	Beginning	1	2	3	4	5
Time (min)	1020	1023	1026	1029	1032	1037
Depth to Water (ft)	31.82	31.88	31.88	31.88	31.88	31.88
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.2	1.8	2.4	3.0	4
pH	5.99	5.99	5.98	5.97	5.96	5.95
Temperature (°C)	10.3	9.9	10.1	10.8	11.3	12.4
Conductivity (μmhos/cm)	94	91	91	94	93	95
Dissolved Oxygen (mg/L)	1.05	0.52	0.41	0.47	0.48	0.43
Turbidity (NTU)	61	49	36	24	26	20
Eh (mv)	103	94	89	83	80	72

TOTAL QUANTITY OF WATER REMOVED (L): 9.2

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1105
SAMPLING DATE: 11/7/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid, HCL
SAMPLE BOTTLE IDs: BN-10-S1-MW012
SAMPLE PARAMETERS: TAL Elements VOC

COMMENTS AND OBSERVATIONS: Containerized water and ran through treatment plant

ph Check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 2960047	Date: 11/7/97
Well ID: MW-210B	Field Personnel: SC, MC	

Parameter	6	7	8	9	10	11
Time (min.)	1042	1047	1052	1057	1100	1103
Depth to Water (ft)	31.88	31.88	31.88	31.87	31.87	31.87
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	5	6	7	8	8.6	9.2
pH	5.96	5.95	5.96	5.96	5.96	5.96
Temperature (°C)	13.0	13.5	13.7	14.0	14.2	14.2
Conductivity (μmhos/cm)	97	97	99	99	97	98
Dissolved Oxygen (mg/L)	0.45	0.38	0.38	0.42	0.38	0.38
Turbidity (NTU)	15	10	10	9	8	9
(mv)	67	62	57	52	49	47

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 143
WELL I.D.: MW-210R
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°

GAUGE DATE: 11/6/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 3.77

GAUGE TIME: 1003
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/6/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1008
FIELD PERSONNEL: KC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 107.50
B. DEPTH TO WATER (ft): 23.09
C. LIQUID DEPTH (ft) (A-B): 84.41

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 51.07
F. THREE WELL VOLUMES (L) (E*3): 153.21

Parameter	Beginning	1	2	3	4	5
Time (min)	1011	1014	1017	1020	1023	1026
Depth to Water (ft)	25.89	26.44	26.44	26.44	26.46	26.49
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	0.9	1.8	2.7	3.6	4.5	5.4
pH	7.57	7.70	7.80	7.85	7.90	8.02
Temperature (°C)	10.6	10.7	10.9	11.0	11.2	11.4
Conductivity (μmhos/cm)	1972	1816	1906	1834	1962	1838
Dissolved Oxygen (mg/L)	0.17	0.18	0.18	0.15	0.16	0.15
Turbidity (NTU)	10	17	16	29	49	33
Eh (mv)	190	-45	-107	-123	-128	-130

TOTAL QUANTITY OF WATER REMOVED (L): 14

SAMPLERS: KC, SC
SAMPLING TIME (START/END): 1100/1102
SAMPLING DATE: 11/6/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid, HCL
SAMPLE BOTTLE IDs: BN-10-S1-MW005
SAMPLE PARAMETERS: TAL Elements VOC

COMMENTS AND OBSERVATIONS:

ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 29600.47	Date: 11/6/97
Well ID: MW-210R	Field Personnel: KC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1031	1036	1041	1046	1049	1053
Depth to Water (ft)	26.52	26.57	26.52	26.50	26.48	26.49
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L) 6.9	~~6.3~~ 7.0	8.4	9.9	11.4	12.3	13.2
pH	8.09	8.13	8.15	8.17	8.19	8.20
Temperature (°C)	11.6	11.7	11.8	11.8	12.0	12.0
Conductivity (μmhos/cm)	1676	1698	1456	1492	1512	1502
Dissolved Oxygen (mg/L)	0.15	0.16	0.14	0.14	0.14	0.15
Turbidity (NTU)	18	13	10	8	7	6
Eh (mv)	-135	-138	-139	-136	-136	-138

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-215R
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°

GAUGE DATE: 11/6/97
SOUNDING METHOD: Slope Indicator
STICK UP/DOWN (ft): 3.20

GAUGE TIME: 1443
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/6/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1445
FIELD PERSONNEL: KC, SC
WELL MOUTH VOCs (ppm): Start: 8900 End: 2300

WELL VOLUME

A. WELL DEPTH (ft): 49.95
B. DEPTH TO WATER (ft): 28.89
C. LIQUID DEPTH (ft) (A-B): 21.06

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 12.74
F. THREE WELL VOLUMES (L) (E*3): 38.22

Parameter	Beginning	1	2	3	4	5
Time (min)	1448	1451	1454	1457	1500	1503
Depth to Water (ft)	29.57	29.41	29.28	29.28	29.27	29.27
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	0.9	1.8	2.7	3.6	4.5	5.4
pH	5.21	5.17	5.16	5.19	5.20	5.20
Temperature (°C)	10.2	10.9	11.9	12.7	12.9	13.1
Conductivity (μmhos/cm)	192	184	174	214	202	208
Dissolved Oxygen (mg/L)	0.25	0.25	0.25	0.23	0.23	0.22
Turbidity (NTU)	3	3	2	2	2	2
Eh (mv)	294	291	287	284	284	283

TOTAL QUANTITY OF WATER REMOVED (L): 6

SAMPLERS: KC, SC
SAMPLING TIME (START/END): 1505 / 1507
SAMPLING DATE: 11/6/97
DECONTAMINATION FLUIDS USED: None
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid, HCL
SAMPLE BOTTLE IDs: BN10S1-MW008
SAMPLE PARAMETERS: TAL Elements, VOC

COMMENTS AND OBSERVATIONS: Containerized water and ran through treatment plant

ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-216A
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°

GAUGE DATE: 11/6/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.10

GAUGE TIME: 910
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/6/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 912
FIELD PERSONNEL: KC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 46.96
B. DEPTH TO WATER (ft): 36.97
C. LIQUID DEPTH (ft) (A-B): 9.99
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 6.04
F. THREE WELL VOLUMES (L) (E*3): 18.12

Parameter	Beginning	1	2	3	4	5
Time (min)	915	918	921	924	927	930
Depth to Water (ft)	37.04	37.21	37.30	37.40	37.41	37.43
Purge Rate (L/min)	0.4	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	~~0.9~~ 1.2	2.1	3.0	3.9	4.8	5.7
pH	5.81	5.83	5.85	5.83	5.82	5.80
Temperature (°C)	10.0	10.4	11.4	14.1	14.9	14.3
Conductivity (μmhos/cm)	386	390	400	400	430	438
Dissolved Oxygen (mg/L)	0.25	0.47	0.41	0.42	0.37	0.35
Turbidity (NTU)	1	0	0	1	3	3
Eh (mv)	283	270	255	240	234	235

TOTAL QUANTITY OF WATER REMOVED (L): 9L

SAMPLERS: SC, KC
SAMPLING TIME (START/END): 945/
SAMPLING DATE: 11/6/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid, HCL
SAMPLE BOTTLE IDs: BN-10-S1-MW004 MS/MSD
SAMPLE PARAMETERS: TAL Elements, VOC

MMENTS AND OBSERVATIONS: Containerized water and ran through treatment plant.

ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 2960047	Date: 11/6/97
Well ID: MW-216A	Field Personnel: KC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	933	936	939			
Depth to Water (ft)	37.25	37.29	37.45			
Purge Rate (L/min)	0.3	0.3	0.3			
Volume Purged (L)	6.6	7.5	8.4			
pH	5.80	5.79	5.79			
Temperature (°C)	14.1	14.1	14.0			
Conductivity (μmhos/cm)	390	388	368			
Dissolved Oxygen (mg/L)	0.31	0.31	0.33			
Turbidity (NTU)	2	2	2			
Eh (mv)	233	232	230			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-217A
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 50°

GAUGE DATE: 11/6/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.00

GAUGE TIME: 1327
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/6/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1333
FIELD PERSONNEL: KC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 44.56
B. DEPTH TO WATER (ft): ~~17.40~~ 28.95
C. LIQUID DEPTH (ft) (A-B): ~~27.16~~ 15.61
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 9.44
F. THREE WELL VOLUMES (L) (E*3): 28.32

Parameter	Beginning	1	2	3	4	5
Time (min)	1336	1341	1345	1349	1353	1357
Depth to Water (ft)	17.43	17.46	17.47	17.47	17.48	17.48
Purge Rate (L/min)	0.25	0.25	0.25	0.25	0.25	0.25
Volume Purged (L)	0.75	2	3	4	5	6
pH	6.20	6.18	6.31	6.31	6.35	6.36
Temperature (°C)	11.1	11.5	13.7	15.2	15.6	15.8
Conductivity (μmhos/cm)	912	972	836	898	818	790
Dissolved Oxygen (mg/L)	1.04	0.55	0.94	0.49	0.47	0.44
Turbidity (NTU)	131	124	114	88	77	52
Eh (mv)	282	235	242	203	182	173

TOTAL QUANTITY OF WATER REMOVED (L): 15

SAMPLERS: ~~Ge~~ KC, SC
SAMPLING TIME (START/END): 1433/1434
SAMPLING DATE: 11/6/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid, HCL
SAMPLE BOTTLE IDs: BN-10-S1-MW007
SAMPLE PARAMETERS: TAL Elements, VOC

COMMENTS AND OBSERVATIONS:

ph check OK

Initial water level of 17.40 was an error. Must have been recording condensation on casing

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 2960047	Date: 11/6/97
Well ID: MW-217A	Field Personnel: KC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1401	1404	1408	1412	1416	1420
Depth to Water (ft)	17.50	17.50	17.48	30.08	30.08	30.08
Purge Rate (L/min)	0.25	0.25	0.25	0.25	0.25	0.25
Volume Purged (L)	7	8	9	10	11	12
pH	6.38	6.38	6.38	6.38	6.39	6.39
Temperature (°C)	16.2	16.4	16.4	16.6	16.6	16.6
Conductivity (μmhos/cm)	812	798	806	788	776	788
Dissolved Oxygen (mg/L)	0.44	0.44	0.45	0.47	0.48	0.43
Turbidity (NTU)	50	40	37	37	27	29
Eh (mv)	170	171	174	179	183	185

Parameter	12	13	14	15	16	17
Time (min)	1424	1427	1430			
Depth to Water (ft)	30.08	30.08	30.08			
Purge Rate (L/min)	0.25	0.25	0.25			
Volume Purged (L)	13	13.75	14.5			
pH	6.39	6.39	6.39			
Temperature (°C)	16.7	16.7	16.7			
Conductivity (μmhos/cm)	778	772	772			
Dissolved Oxygen (mg/L)	0.45	0.47	0.45			
Turbidity (NTU)	27	27	27			
Eh (mv)	189	191	193			

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-217B
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: sunny, 50°

GAUGE DATE: 11/7/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.30

GAUGE TIME: 1312
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/7/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1319
FIELD PERSONNEL: MC SC
WELL MOUTH VOCs (ppm): Start: 3000 End: 1580

WELL VOLUME

A. WELL DEPTH (ft): 34.60
B. DEPTH TO WATER (ft): 27.24
C. LIQUID DEPTH (ft) (A-B): 7.36
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 4.45
F. THREE WELL VOLUMES (L) (E*3): 13.35

Parameter	Beginning	1	2	3	4	5
Time (min)	1322	1327	1332	1337	1342	1347
Depth to Water (ft)	27.67	27.68	27.68	27.68	27.68	27.65
Purge Rate (L/min)	0.4	0.4	0.4	0.3	0.3	0.4
Volume Purged (L)	1.2	3.2	5.2	6.7	8.2	10.2
pH	5.41	6.01	6.14	6.22	6.27	6.36
Temperature (°C)	10.7	11.3	12.2	13.7	17.8	12.9
Conductivity (μmhos/cm)	1637	1761	1840	1968	2778	2813
Dissolved Oxygen (mg/L)	0.71	0.56	0.63	0.69	0.46	0.26
Turbidity (NTU)	>1000	871	661	589	662	>1000
Eh (mv)	-3	-19	-24	-32	-55	-66

TOTAL QUANTITY OF WATER REMOVED (L): 26

SAMPLERS: MC SC
SAMPLING TIME (START/END): 1440/1442
SAMPLING DATE: 11/7/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid, HCL
SAMPLE BOTTLE IDs: BN-10-S1-MW014
SAMPLE PARAMETERS: TAL Elements, VOC

COMMENTS AND OBSERVATIONS: water containerized and run through treatment plant. ph check OK

Conductivity appeared high. Checked YSI and it was OK.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 2960047	Date: 1/17/97
Well ID: MW-217B	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1352	1357	1402	1407	1412	1417
Depth to Water (ft)	27.65	28.01	28.31	28.40	28.53	28.53
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	11.7	13.2	14.7	16.2	17.7	19.2
pH	6.36	6.35	6.35	6.37	6.36	6.36
Temperature (°C)	13.1	14.7	15.8	15.0	15.7	14.9
Conductivity (μmhos/cm)	2936	3171	3344	3274	3368	3299
Dissolved Oxygen (mg/L)	0.32	0.32	0.31	0.30	0.32	0.34
Turbidity (NTU)	920	549	551	445	376	363
Eh (mv)	-70	-73	-77	-81	-83	-83

Parameter	12	13	14	15	16	17
Time (min)	1422	1427	1432	1437		
Depth to Water (ft)	28.55	28.51	28.50	28.45		
Purge Rate (L/min)	0.3	0.3	0.3	0.3		
Volume Purged (L)	20.7	22.2	23.7	25.2		
pH	6.37	6.35	6.36	6.35		
Temperature (°C)	14.9	15.6	16.1	16.4		
Conductivity (μmhos/cm)	3288	3315	3347	3374		
Dissolved Oxygen (mg/L)	0.33	0.37	0.38	0.38		
Turbidity (NTU)	294	304	317	323		
Eh (mv)	-83	-84	-85	-87		

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Site 1 and 3
WELL I.D.: MW 218
WELL CONDITION: good

PROJECT NUMBER: 29600.47.17303
WELL LOCK STATUS: locked
WEATHER: p.sunny, cool, 50°F

GAUGE DATE: 11/7/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.61

GAUGE TIME: 1025
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/7/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1030
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 53.54
B. DEPTH TO WATER (ft): 38.32
C. LIQUID DEPTH (ft) (A-B): 15.22
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 9.21
F. THREE WELL VOLUMES (L) (E*3): 27.63

Parameter	Beginning	1	2	3	4	5
Time (min)	1030	1035	1040	1045	1050	1055
Depth to Water (ft)	38.32	39.39	40.48	41.51	42.72	43.38
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	0.0	1.5	3.0	4.5	6.0	7.5
pH	8.20	8.37	8.41	8.28	8.19	8.12
Temperature (°C)	10.6	11.9	13.8	15.8	15.9	16.7
Conductivity (~~µmhos~~ mS/cm)	1.360	1.244	0.992	1.266	1.202	1.238
Dissolved Oxygen (mg/L)	0.82	0.54	0.96	1.45	1.68	1.57
Turbidity (NTU)	62	41	28	25	23	20
Eh (mv)	195	106	72	84	21	28

TOTAL QUANTITY OF WATER REMOVED (L): 18.0L

SAMPLERS: KC/KR
SAMPLING TIME (START/END): 1125/1130
SAMPLING DATE: 11/7/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl, HNO_3
SAMPLE BOTTLE IDs: BN-10-S1-MW013
SAMPLE PARAMETERS: VOCs, TAL metals

COMMENTS AND OBSERVATIONS: *containerized water!!, ran thru treatment plant

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: SITES 1 MW3	Project No. 2940047/7303 Date: 11/7/97
Well ID: MW218	Field Personnel: KC/KR

Parameter	6	7	8	9	10	11
Time (min.)	1100	1105	1110	1114	1117	1120
Depth to Water (ft)	43.72	43.53	42.42	42.51	42.19	42.01
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	9.0	10.5	12.0	13.2	14.1	15.0
pH	7.94	7.93	7.91	7.91	7.88	7.85
Temperature (°C)	17.3	17.4	17.7	17.5	17.1	16.9
Conductivity (~~µmhos/cm~~ mS/cm)	1.236	1.140	1.090	1.072	1.042	1.044
Dissolved Oxygen (mg/L)	1.53	1.53	1.40	1.75	1.71	1.63
Turbidity (NTU)	19	20	21	21	20	22
Eh (mv)	-37	-49	-26	-28	-21	-19

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (µmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Site 1 and 3
WELL I.D.: MW 219
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: P. Sunny, cool, 45°F

GAUGE DATE: 11/7/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.56

GAUGE TIME: 0830
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/7/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0845
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 71.82
B. DEPTH TO WATER (ft): 31.24
C. LIQUID DEPTH (ft) (A-B): 40.58

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 24.55
F. THREE WELL VOLUMES (L) (E*3): 73.65

Parameter	Beginning	1	2	3	4	5
Time (min)	0848	0853	0858	0903	0908	0913
Depth to Water (ft)	31.24	31.30	31.31	31.31	31.34	31.33
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.9L	5.4L	6.9L	8.4L
pH	4.13	5.40	5.79	5.93	6.00	6.04
Temperature (°C)	9.72	10.06	10.77	11.19	11.45	11.59
Conductivity (μmhos/cm)	96	98	98	92	94	94
Dissolved Oxygen (mg/L)	7.96	7.99	7.93	8.00	7.98	8.02
Turbidity (NTU)	100	80	64	41	22	21
Eh (mv)	386	334	275	241	220	212

TOTAL QUANTITY OF WATER REMOVED (L): 18.0L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 0935/0945
SAMPLING DATE: 11/7/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl, HNO_3
SAMPLE BOTTLE IDs: BN-10-S1-MW009
SAMPLE PARAMETERS: VOCs, TAL Metals
COMMENTS AND OBSERVATIONS: Duplicate collected here, BN-10-S1-MWXD2

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Site 1 and 3	Project No.: 22600.411 7303	Date: November 7, 1997
Well ID: MW 219	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	0916	0921	0924	0927	0930	
Depth to Water (ft)	31.31	31.31	31.30	31.30	31.31	
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	
Volume Purged (L)	9.3L	10.8L	11.7L	12.6L	13.5L	
pH	6.05	6.05	6.04	6.04	6.04	
Temperature (°C)	11.69	11.76	11.81	11.82	11.81	
Conductivity (μmhos/cm)	95	93	95	95	96	
Dissolved Oxygen (mg/L)	7.95	7.95	7.88	7.92	7.95	
Turbidity (NTU)	16	10	9	8	7	
Eh (mv)	208	206	206	207	208	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-220
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: sunny, 50°

GAUGE DATE: 11/7/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.81

GAUGE TIME: 844
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/7/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 854
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 49.87
B. DEPTH TO WATER (ft): 28.98
C. LIQUID DEPTH (ft) (A-B): 20.89

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 12.64
F. THREE WELL VOLUMES (L) (E*3): 37.92

Parameter	Beginning	1	2	3	4	5
Time (min)	857	900	903	906	909	914
Depth to Water (ft)	29.01	29.07	29.08	29.10	29.10	29.11
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.2	1.8	2.4	3.0	4
pH	6.32	6.48	6.53	6.55	6.54	6.52
Temperature (°C)	10.2	9.4	9.5	9.8	10.6	11.5
Conductivity (μmhos/cm)	182	185	180	179	180	182
Dissolved Oxygen (mg/L)	4.78	4.52	4.45	4.38	4.39	4.36
Turbidity (NTU)	85	124	246	264	190	117
Eh (mv)	103	100	94	81	80	82

TOTAL QUANTITY OF WATER REMOVED (L): 14

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1008 / 1009
SAMPLING DATE: 11/7/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid, HCL
SAMPLE BOTTLE IDs: BN-10-S1-MW010
SAMPLE PARAMETERS: TAL Metals, VOC

COMMENTS AND OBSERVATIONS:

ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 29600.47	Date: 11/7/97
Well ID: MW-220	Field Personnel: SC, MC	

Parameter	6	7	8	9	10	11
Time (min.)	919	924	929	934	939	944
Depth to Water (ft)	29.11	29.10	29.10	29.10	29.11	29.11
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	5	6	7	8	9	10
pH	6.52	6.52	6.52	6.51	6.52	6.51
Temperature (°C)	12.1	12.3	12.4	12.5	12.6	12.7
Conductivity (μmhos/cm)	183	184	182	184	185	185
Dissolved Oxygen (mg/L)	4.32	4.30	4.29	4.29	4.26	4.26
Turbidity (NTU)	68	43	35	28	24	22
Eh (mv)	85	86	86	86	88	89

Parameter	12	13	14	15	16	17
Time (min)	949	954	959	1004		
Depth to Water (ft)	29.10	29.10	29.09	29.09		
Purge Rate (L/min)	0.2	0.2	0.2	0.2		
Volume Purged (L)	11	12	13	14		
pH	6.50	6.50	6.50	6.50		
Temperature (°C)	12.9	13.0	13.1	13.1		
Conductivity (μmhos/cm)	185	186	186	186		
Dissolved Oxygen (mg/L)	4.25	4.25	4.24	4.24		
Turbidity (NTU)	20	17	17	17		
Eh (mv)	88	85	85	88		

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-232A
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 50

GAUGE DATE: 11/6/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.30

GAUGE TIME: 820
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/6/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 830
FIELD PERSONNEL: SC KC
WELL MOUTH VOCs (ppm): Start: 6100 End: 1800

WELL VOLUME

A. WELL DEPTH (ft): 54.76
B. DEPTH TO WATER (ft): 37.33
C. LIQUID DEPTH (ft) (A-B): 17.43
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 10.55
F. THREE WELL VOLUMES (L) (E*3): 31.65

Parameter	Beginning	1	2	3	4	5
Time (min)	833	836	839	842	845	
Depth to Water (ft)	39.16	38.84	38.48	38.76	38.90	
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	
Volume Purged (L)	0.9	1.8	2.7	3.6	4.5	
pH	5.90	5.95	5.97	6.00	5.99	
Temperature (°C)	12.1	12.3	13.4	13.7	14.5	
Conductivity (μmhos/cm)	200	312	322	316	320	
Dissolved Oxygen (mg/L)	2.57	2.11	1.79	1.81	1.87	
Turbidity (NTU)	0	0	0	0	0	
Eh (mv)	302	307	308	310	312	

TOTAL QUANTITY OF WATER REMOVED (L): 4.5

SAMPLERS: SC, KC
SAMPLING TIME (START/END): 850 / 858
SAMPLING DATE: 11/6/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: ~~TAL Elements~~ nitric acid, ~~VOC~~ HCL
SAMPLE BOTTLE IDs: BN-10-S1-MW003 BN-10-S1-MW-XD1
SAMPLE PARAMETERS: TAL Elements, VOC
COMMENTS AND OBSERVATIONS: Had to keep adjusting flow rate
Duplicate ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: MW-234R
WELL CONDITION: Good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, breezy, 55°

GAUGE DATE: 11/5/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.78

GAUGE TIME: 1356
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/5/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1400
FIELD PERSONNEL: SC MC
WELL MOUTH VOCs (ppm): Start: 400 End: 208

WELL VOLUME

A. WELL DEPTH (ft): 59.52
B. DEPTH TO WATER (ft): ~~27.80~~ 34.80
C. LIQUID DEPTH (ft) (A-B): 24.72
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 14.96
F. THREE WELL VOLUMES (L) (E*3): 44.88

Parameter	Beginning	1	2	3	4	5
Time (min)	1403	1406	1409	1412	1415	1418
Depth to Water (ft)	34.90	35.95	35.95	35.95	35.95	35.95
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.2	1.8	2.4	3.0	3.6
pH	5.74	5.73	5.74	5.76	5.75	5.77
Temperature (°C)	10.66	10.93	11.40	12.30	13.04	13.55
Conductivity (μmhos/cm)	211	218	231	232	232	230
Dissolved Oxygen (mg/L)	0.59	0.56	0.55	0.49	0.50	0.47
Turbidity (NTU)	60	53	52	53	54	55
Eh (mv)	138	125	115	107	103	102

TOTAL QUANTITY OF WATER REMOVED (L): _____

SAMPLERS: SC, MC
SAMPLING TIME (START/END): 1430 / 1432
SAMPLING DATE: 11/5/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, nitric acid
SAMPLE BOTTLE IDs: BN-10-S1-MW002
SAMPLE PARAMETERS: TAL Metals, VOC

COMMENTS AND OBSERVATIONS: Turbidity readings may be off. Will check probe. Water appears crystal clear, ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Sites 1+3	Project No.: 29600.47	Date: 11/5/97
Well ID: MW-234R	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1423	1424	1427			
Depth to Water (ft)	35.95	35.95	35.95			
Purge Rate (L/min)	0.2	0.2	0.2			
Volume Purged (L)	4.2	4.8	5.4			
pH	5.76	5.77	5.77			
Temperature (°C)	14.00	14.15	14.26			
Conductivity (μmhos/cm)	229	229	230			
Dissolved Oxygen (mg/L)	0.46	0.43	0.42			
Turbidity (NTU)	57	59	60			
Eh (mv)	103	103	103			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1 and 3
WELL I.D.: MW2101
WELL CONDITION: Good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: sunny, pleasant, 55°F

GAUGE DATE: 11/5/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 5.24

GAUGE TIME: 1330
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/5/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1446
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 30.00
B. DEPTH TO WATER (ft): 14.19
C. LIQUID DEPTH (ft) (A-B): 15.81

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 9.56
F. THREE WELL VOLUMES (L) (E*3): 28.68

Parameter	Beginning	1	2	3	4	5
Time (min)	1450	1455	1500	1505	1508	1511
Depth to Water (ft)	14.19	14.28	14.27	14.27	14.27	14.28
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	1.2L	2.7L	4.2L	5.7L	6.6L	7.5L
pH	5.62	5.57	5.55	5.56	5.57	5.60
Temperature (°C)	13.55	14.49	15.53	16.02	16.09	16.10
Conductivity (μmhos/cm)	233	236	247	249	246	248
Dissolved Oxygen (mg/L)	6.02	6.08	5.98	5.88	5.85	5.81
* Turbidity (NTU)	265	317.5	377	423.2	438.5	458
Eh (mv)	170	178	182	185	189	190

TOTAL QUANTITY OF WATER REMOVED (L): 8.7L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1513/1515
SAMPLING DATE: 11/5/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl, HNO_3
SAMPLE BOTTLE IDs: BN-10-S1-MW001
SAMPLE PARAMETERS: VOCs, TAL Metals

COMMENTS AND OBSERVATIONS: * Turbidity probe is not functioning properly. Water is crystal clear, but YSI reads 400 NTU.

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 105-A
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: snowing, cold, 30°F

GAUGE DATE: 11/14/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 3.17

GAUGE TIME: KR 1345
MEASUREMENT REF: top of pvc
WELL DIAMETER (in.): 2"

PURGE DATE: 11/14/97
PURGE METHOD: low flow - peristaltic pump
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1350
FIELD PERSONNEL: KR/MC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 46.87
B. DEPTH TO WATER (ft): 4.03
C. LIQUID DEPTH (ft) (A-B): 42.84

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 25.92
F. THREE WELL VOLUMES (L) (E*3): 77.76

Parameter	Beginning	1	2	3	4	5
Time (min)	1353	1356	1359	1402	1405	
Depth to Water (ft)	4.03	3.98	4.00	4.00	4.00	
Purge Rate (L/min)	0.2L	0.2L	0.2L	0.2L	0.2L	
Volume Purged (L)	0.6L	1.2L	1.8L	2.4L	3.0L	
pH	7.84	7.17	6.92	6.83	6.79	
Temperature (°C)	6.7	6.9	6.9	6.9	7.1	
Conductivity (μmhos/cm)	60	60	58	58	60	
Dissolved Oxygen (mg/L)	10.84	10.07	10.06	10.00	10.11	
Turbidity (NTU)	0	0	4	4	4	
Eh (mv)	309	328	338	345	350	

TOTAL QUANTITY OF WATER REMOVED (L): 3.6L

SAMPLERS: KR/MC
SAMPLING TIME (START/END): 1407/1408
SAMPLING DATE: 11/14/97
DECONTAMINATION FLUIDS USED: DI Water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW036
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS:

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-105B
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: overcast, 50°

GAUGE DATE: 11/10/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 3.20

GAUGE TIME: 1333
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/10/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1335
FIELD PERSONNEL: SC, CM
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 22.91
B. DEPTH TO WATER (ft): 8.45
C. LIQUID DEPTH (ft) (A-B): 14.46

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 8.75
F. THREE WELL VOLUMES (L) (E*3): 26.25

Parameter	Beginning	1	2	3	4	5
Time (min)	1338	1343	1348	1351	1354	1357
Depth to Water (ft)	8.54	8.54	8.54	8.54	8.54	8.54
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.2	3.8	4.4
pH	7.02	6.81	6.71	6.66	6.64	6.61
Temperature (°C)	9.52	10.64	11.97	12.39	12.58	12.78
Conductivity (μmhos/cm)	117	112	106	103	101	100
Dissolved Oxygen (mg/L)	7.03	7.80	8.21	8.40	8.45	8.48
Turbidity (NTU)	8.3	3	3	2	2	1
Eh (mv)	71	72	77	81	83	86

TOTAL QUANTITY OF WATER REMOVED (L): 5

SAMPLERS: CM, SC
SAMPLING TIME (START/END): 1400/1401
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW010
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: added extra HCL

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-106
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 30°

GAUGE DATE: 11/13/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 3.70

GAUGE TIME: ~~1350~~ 1353
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/13/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1359
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 37.27
B. DEPTH TO WATER (ft): 26.80
C. LIQUID DEPTH (ft) (A-B): 10.47

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 6.33
F. THREE WELL VOLUMES (L) (E*3): 18.99

Parameter	Beginning	1	2	3	4	5
Time (min)	1402	1407	1412	1417	1422	1427
Depth to Water (ft)	26.80	26.80	26.80	26.80	26.80	26.80
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.6	5.6
pH	6.15	5.67	5.60	5.60	5.56	5.57
Temperature (°C)	6.6	9.3	9.6	9.7	10.1	10.1
Conductivity (μmhos/cm)	42	28	36	32	32	32
Dissolved Oxygen (mg/L)	11.11	10.69	10.76	10.91	10.62	10.43
Turbidity (NTU)	21	4	2	0	0	0
Eh (mv)	337	382	400	408	421	425

TOTAL QUANTITY OF WATER REMOVED (L): 5.6

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1430/1431
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW027
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: phcheck ok

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-205
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 50

GAUGE DATE: 11/10/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.94

GAUGE TIME: 829
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/10/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 833
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 78.77
B. DEPTH TO WATER (ft): 25.18
C. LIQUID DEPTH (ft) (A-B): 53.59

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 32.42
F. THREE WELL VOLUMES (L) (E*3): 97.26

Parameter	Beginning	1	2	3	4	5
Time (min)	836	841	845	848	853	858
Depth to Water (ft)	25.32	25.32	25.32	25.32	25.32	25.32
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.4	3.0	4	5
pH	7.31	6.82	6.71	6.71	6.73	6.78
Temperature (°C)	9.46	9.02	9.05	9.05	9.15	9.40
Conductivity (μmhos/cm)	175	160	155	154	153	153
Dissolved Oxygen (mg/L)	7.76	3.33	2.27	1.98	2.00	2.08
Turbidity (NTU)	6	148	182	200	148	133
Eh (mv)	143	139	135	128	116	105

TOTAL QUANTITY OF WATER REMOVED (L): 16.6

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1000 / 1001
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW002
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: Containerized water and ran through treatment plant
phcheck OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/10/97
Well ID: MW-205	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	903	908	913	918	923	928
Depth to Water (ft)	25.32	25.32	25.32	25.32	25.32	25.32
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	6	7	8	9	10	11
pH	6.81	6.87	6.91	6.95	6.97	6.98
Temperature (°C)	9.55	9.76	9.90	10.21	10.36	10.50
Conductivity (μmhos/cm)	152	150	148	146	147	148
Dissolved Oxygen (mg/L)	2.25	2.53	2.71	2.93	2.94	2.99
Turbidity (NTU)	109	83	72	59	54	50
Eh (mv)	99	92	83	68	61	54

Parameter	12	13	14	15	16	17
Time (min)	933	938	943	948	953	956
Depth to Water (ft)	25.32	25.32	25.32	25.32	25.32	25.32
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	12	13	14	15	16	16.6
pH	7.01	7.01	7.03	7.02	7.02	7.02
Temperature (°C)	10.40	10.39	10.47	10.53	10.53	10.51
Conductivity (μmhos/cm)	145	144	144	144	144	144
Dissolved Oxygen (mg/L)	3.01	3.06	3.07	3.04	3.03	3.05
Turbidity (NTU)	44	36	36	33	36	35
Eh (mv)	53	53	52	46	45	44

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EASTERN PLUME
WELL I.D.: MW206A
WELL CONDITION: GOOD

PROJECT NUMBER: 29600.47/7307
WELL LOCK STATUS: LOCKED
WEATHER: O'CAST, COL

GAUGE DATE: 11/10/97
SOUNDING METHOD: SLOPE INDICATOR
STICK UP/DOWN (ft): 2.40

GAUGE TIME: 1010
MEASUREMENT REF: PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/10/97
PURGE METHOD: LO-FLO
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1010
FIELD PERSONNEL: KC/KR
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 74.36
B. DEPTH TO WATER (ft): 21.50
C. LIQUID DEPTH (ft) (A-B): 52.86

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 31.98
F. THREE WELL VOLUMES (L) (E*3): 95.94

Parameter	Beginning	1	2	3	4	5
Time (min)	1010	1015	1020	1025	1030	
Depth to Water (ft)	21.5	21.59	21.61	21.61	21.60	
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	
Volume Purged (L)	0	1.5	3.0	4.5	6.0	
pH	6.06	5.49	5.79	5.81	5.89	
Temperature (°C)	7.9	8.1	9.4	9.7	9.5	
Conductivity (~~µ~~mhos/cm)	0.118	0.114	0.104	0.121	0.122	
Dissolved Oxygen (mg/L)	6.50	6.34	6.29	6.26	6.47	
Turbidity (NTU)	21	8	4	2	1	
Eh (mv)	437	431	414	398	393	

TOTAL QUANTITY OF WATER REMOVED (L): 6.0

SAMPLERS: KC/KR
SAMPLING TIME (START/END): 1030/1035
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: DI H_2O
SAMPLE TYPE: GMB
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW007
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: pH CHECK OK.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 206B
WELL CONDITION: good

PROJECT NUMBER: 2960047/7303
WELL LOCK STATUS: locked
WEATHER: P.cloudy, breezy, 50°F

GAUGE DATE: 11/10/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.40

GAUGE TIME: 1015
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/10/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1020
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 27.17
B. DEPTH TO WATER (ft): 21.75
C. LIQUID DEPTH (ft) (A-B): 5.42

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 3.28
F. THREE WELL VOLUMES (L) (E*3): 9.84

Parameter	Beginning	1	2	3	4	5
Time (min)	1025	1028	1033	1038	1222	
Depth to Water (ft)	21.75	21.65	21.80		21.61	
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	
Volume Purged (L)	1.5L	2.4L	3.9L	5.4L	pump off, well dry, to collect sample	
pH	4.50	5.44	5.64			
Temperature (°C)	9.63	14.51	15.87			
Conductivity (μmhos/cm)	72	76	81			
Dissolved Oxygen (mg/L)	10.25	10.71	10.03			
Turbidity (NTU)	6.0	4	4			
Eh (mv)	341	261	239			

TOTAL QUANTITY OF WATER REMOVED (L): 6.6L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1225/1226
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW005
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: * Have to keep adjusting flow rate to maintain 0.3L
Well went dry @ 1038. Let recharge and will return to sample.

PH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
PROJECT NUMBER: 29600.47/7303
WELL I.D.: MW 207 A
WELL LOCK STATUS: locked
WELL CONDITION: good
WEATHER: Snowing, cold, 30°F

GAUGE DATE: 11/14/97
GAUGE TIME: 1450
SOUNDING METHOD: Slope indicator
MEASUREMENT REF: Top of PVC
STICK UP/DOWN (ft): 2.50
WELL DIAMETER (in.): 2"

PURGE DATE: 11/14/97
PURGE TIME: 1458
PURGE METHOD: low flow
FIELD PERSONNEL: KR/MC
AMBIENT AIR VOCs (ppm) Start: 0 End: 0
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 73.22
B. DEPTH TO WATER (ft): 2.94
C. LIQUID DEPTH (ft) (A-B): 70.28
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 42.52
F. THREE WELL VOLUMES (L) (E*3): 127.56

Parameter	Beginning	1	2	3	4	5
Time (min)	1501	1506	1510	1515	1520	1525
Depth to Water (ft)	2.94	3.25	3.57	3.98	3.98	3.80
Purge Rate (L/min)	0.2L	0.2L	0.2L	0.2L	0.2L	0.2L
Volume Purged (L)	0.6L	1.6L	2.4L	3.4L	4.4L	5.4L
pH	6.73	6.58	6.55	6.53	6.48	6.48
Temperature (°C)	7.4	7.7	7.7	7.8	7.9	8.0
Conductivity (μmhos/cm)	234	220	238	240	206	238
Dissolved Oxygen (mg/L)	0.58	0.20	0.19	0.20	0.20	0.19
Turbidity (NTU)	151	575	538	302	225	213
Eh (mv)	313	301	292	286	282	280

TOTAL QUANTITY OF WATER REMOVED (L): 9.2L

SAMPLERS: KR/MC
SAMPLING TIME (START/END): 1543/1544

SAMPLING DATE: 11/14/97
DECONTAMINATION FLUIDS USED: DI Water

SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl

SAMPLE BOTTLE IDs: BN-10-EP-MW035

SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: Containerized 9.2L of purge water, and ran thru treatment plant.

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name:	Eastern Plume	Project No.: 29600.47 7303	Date: 11/14/97
Well ID:	MW 207 A	Field Personnel:	KR/MC

Parameter	6	7	8	9	10	11
Time (min.)	1530	1535	1538	1541		
Depth to Water (ft)	3.80	3.60	3.50	3.50		
Purge Rate (L/min)	0.2L	0.2L	0.2L	0.2L		
Volume Purged (L)	6.4L	7.4L	8.0L	8.6L		
pH	6.46	6.45	6.45	6.45		
Temperature (°C)	8.0	8.0	8.1	8.1		
Conductivity (μmhos/cm)	236	232	230	226		
Dissolved Oxygen (mg/L)	0.19	0.19	0.19	0.18		
Turbidity (NTU)	210	208	209	209		
Eh (mv)	279	279	278	278		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 207B
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: snowing, cold, 30°F

GAUGE DATE: 11/14/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.00

GAUGE TIME: 1425
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/14/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1440
FIELD PERSONNEL: KR/MC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 27.17
B. DEPTH TO WATER (ft): 7.45
C. LIQUID DEPTH (ft) (A-B): 19.72

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 11.93
F. THREE WELL VOLUMES (L) (E*3): 35.79

Parameter	Beginning	1	2	3	4	5
Time (min)	1443	1446	1450	1450	1549	
Depth to Water (ft)	7.45	7.65	7.95	↓	7.50	
Purge Rate (L/min)	0.3L	0.3L	0.3L	↓	0.3L	
Volume Purged (L)	0.9L	1.8L	3.0L	↓	↓	
pH	7.46	7.57	7.64	DRY	Pump on	
Temperature (°C)	6.6	7.0	7.5	↓	↓	
Conductivity (μmhos/cm)	100	96	104	↓	↓	
Dissolved Oxygen (mg/L)	0.99	0.81	0.77	↓	↓	
Turbidity (NTU)	39	20	14	↓	↓	
Eh (mv)	343	332	304	↓	↓	

TOTAL QUANTITY OF WATER REMOVED (L): 3.6L

SAMPLERS: KR/MC
SAMPLING TIME (START/END): 1550/1551

SAMPLING DATE: 11/14/97
DECONTAMINATION FLUIDS USED: DI water

SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl

SAMPLE BOTTLE IDs: BN-10-EP-MW033

SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: Well went dry @ 1450. Pump on @ 1549 to sample well. → to the top of the pump.

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-208
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: sunny, 30°

GAUGE DATE: 11/13/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.75

GAUGE TIME: 1351
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/13/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1352
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 103.33
B. DEPTH TO WATER (ft): 24.70
C. LIQUID DEPTH (ft) (A-B): 78.63

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 47.57
F. THREE WELL VOLUMES (L) (E*3): 142.71

Parameter	Beginning	1	2	3	4	5
Time (min)	1355	1400	1405	1410	1415	1420
Depth to Water (ft)	25.60	25.75	25.75	25.75	25.75	25.75
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.6	5.6
pH	8.52	8.14	87.25	7.49	7.58	7.60
Temperature (°C)	7.20	7.35	7.46	7.90	8.36	8.45
Conductivity (μmhos/cm)	87	86	101	84	90	83
Dissolved Oxygen (mg/L)	5.77	2.09	1.55	0.47	0.37	0.36
Turbidity (NTU)	19	51	86	72	51	43
Eh (mv)	111	118	139	101	60	46

TOTAL QUANTITY OF WATER REMOVED (L): 11.6

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1455/1456
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-2P-MW029
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: water containerized and run through treatment plant

added extra HCL

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/13/97
Well ID: MW-208	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1425	1430	1435	1440	1445	1450
Depth to Water (ft)	25.75	25.75	25.75	25.75	25.75	25.75
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	6.6	7.6	8.6	9.6	10.6	11.6
pH	7.69	7.77	7.85	7.89	7.92	7.89
Temperature (°C)	8.52	8.62	8.75	8.85	8.92	8.93
Conductivity (μmhos/cm)	88	87	82	87	83	84
Dissolved Oxygen (mg/L)	0.31	0.32	0.31	0.32	0.32	0.31
Turbidity (NTU)	37	41	37	35	35	35
Eh (mv)	31	28	26	25	24	23

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-209
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 35°

GAUGE DATE: 11/12/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 1.90

GAUGE TIME: 1118
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/12/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1120
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 32.38
B. DEPTH TO WATER (ft): 29.57
C. LIQUID DEPTH (ft) (A-B): 2.81
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 1.70
F. THREE WELL VOLUMES (L) (E*3): 5.10

Parameter	Beginning	1	2	3	4	5
Time (min)	1123	1128	1133	1136	1139	1142
Depth to Water (ft)	29.62	29.62	29.62	29.62	29.62	29.62
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.2	3.8	4.4
pH	5.36	5.62	5.75	5.79	5.81	5.82
Temperature (°C)	7.14	9.68	9.93	9.62	9.48	9.41
Conductivity (μmhos/cm)	100	44	47	45	44	45
Dissolved Oxygen (mg/L)	11.32	11.03	11.10	10.93	10.89	10.89
Turbidity (NTU)	69	109	39	33	32	31
Eh (mv)	314	238	247	253	253	253

TOTAL QUANTITY OF WATER REMOVED (L): 4.4

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1145/1146
SAMPLING DATE: 11/12/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW018
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: had to continuely adjust Flow
well went dry
ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-222
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 35°

GAUGE DATE: 11/12/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 3.00

GAUGE TIME: 1003
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/12/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1015
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 45.34
B. DEPTH TO WATER (ft): 31.37
C. LIQUID DEPTH (ft) (A-B): 13.97

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 8.45
F. THREE WELL VOLUMES (L) (E*3): 25.35

Parameter	Beginning	1	2	3	4	5
Time (min)	1018	1023	1028	1033	1038	1043
Depth to Water (ft)	32.10	31.45	31.44	31.43	31.43	31.43
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.6	5.6
pH	6.12	5.99	5.93	5.94	5.94	5.94
Temperature (°C)	7.67	8.20	9.27	9.23	9.20	9.51
Conductivity (μmhos/cm)	71	45	50	50	49	49
Dissolved Oxygen (mg/L)	10.99	10.88	10.84	10.79	10.77	10.82
Turbidity (NTU)	76	44	31	29	22	12
Eh (mv)	270	244	252	254	256	259

TOTAL QUANTITY OF WATER REMOVED (L): 7.8

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1058/1059
SAMPLING DATE: 11/12/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-5 P-MW016 MS/MSD
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: ph check ok

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/12/97
Well ID: MW-222	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1048	1051	1054			
Depth to Water (ft)	31.43	31.43	31.43			
Purge Rate (L/min)	0.2	0.2	0.2			
Volume Purged (L)	6.6	7.2	7.8			
pH	5.93	5.94	5.94			
Temperature (°C)	9.71	9.77	9.82			
Conductivity (μmhos/cm)	50	49	50			
Dissolved Oxygen (mg/L)	10.77	10.75	10.74			
Turbidity (NTU)	8	7	7			
Eh (mv)	263	265	266			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-223
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: overcast, 50°

GAUGE DATE: 11/10/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.20

GAUGE TIME: 1411
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/10/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1412
FIELD PERSONNEL: CM, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 42.61
B. DEPTH TO WATER (ft): 29.14
C. LIQUID DEPTH (ft) (A-B): 13.47

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 8.15
F. THREE WELL VOLUMES (L) (E*3): 24.45

Parameter	Beginning	1	2	3	4	5
Time (min)	1415	1420	1425	1430	1433	1436
Depth to Water (ft)	29.16	29.16	29.16	29.16	29.16	29.16
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.2	4.8
pH	6.20	6.06	6.02	5.96	5.94	5.93
Temperature (°C)	8.22	8.10	8.68	10.41	11.01	11.51
Conductivity (μmhos/cm)	37	36	55	56	56	56
Dissolved Oxygen (mg/L)	12.15	12.21	12.27	11.96	11.95	11.91
Turbidity (NTU)	9	7	4	3	3	2
Eh (mv)	127	136	135	138	139	142

TOTAL QUANTITY OF WATER REMOVED (L): 6

SAMPLERS: ~~Grab~~ CM, SC
SAMPLING TIME (START/END): 1440/1441

SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: none

SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL

SAMPLE BOTTLE IDs: BN-10-EP-MW012

SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW224
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: sunny, cold, 40°F

GAUGE DATE: 11/12/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.53

GAUGE TIME: 1120
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/12/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1123
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 46.95
B. DEPTH TO WATER (ft): 30.70
C. LIQUID DEPTH (ft) (A-B): 16.25

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 9.83
F. THREE WELL VOLUMES (L) (E*3): 29.49

Parameter	Beginning	1	2	3	4	5
Time (min)	1126	1129	1132	1135	1138	1141
Depth to Water (ft)	30.70	30.68	30.72	30.70	30.73	30.72
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	1.8L	2.7L	3.6L	4.5L	5.4L
pH	4.20	5.10	5.36	5.48	5.47	5.54
Temperature (°C)	8.35	8.29	8.52	10.56	12.24	12.79
Conductivity (μmhos/cm)	56	60	61	59	59	68
Dissolved Oxygen (mg/L)	12.24	11.70	11.62	11.48	10.99	10.99
Turbidity (NTU)	-6	-6	-5	-6	-6	-6
Eh (mv)	216	208	206	204	214	215

TOTAL QUANTITY OF WATER REMOVED (L): 10.8L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1158 / 1159

SAMPLING DATE: 11/12/97
DECONTAMINATION FLUIDS USED: DI water

SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl

SAMPLE BOTTLE IDs: BN-10-EP-MW021

SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.97/7303	Date: 11/12/97
Well ID: MW224	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	1144	1147	1150	1153	1156	
Depth to Water (ft)	30.72	30.72	30.72	30.72	30.72	
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	
Volume Purged (L)	6.3L	7.2L	8.1L	9.0L	9.9L	
pH	5.57	5.58	5.54	5.53	5.57	
Temperature (°C)	12.64	12.53	12.45	12.56	12.58	
Conductivity (μmhos/cm)	71	71	72	72	74	
Dissolved Oxygen (mg/L)	10.89	10.85	10.75	10.66	10.67	
Turbidity (NTU)	-6	-6	-6	-6	-6	
Eh (mv)	219	220	221	222	222	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 225A
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: cloudy, mild, 50°F

GAUGE DATE: 11/10/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.81

GAUGE TIME: 0810
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/10/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0820
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 76.03
B. DEPTH TO WATER (ft): 22.67
C. LIQUID DEPTH (ft) (A-B): 53.36
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 32.28
F. THREE WELL VOLUMES (L) (E*3): 96.84

Parameter	Beginning	1	2	3	4	5
Time (min)	0823	0828	0833	0838	0843	0848
Depth to Water (ft)	22.67	22.72	22.85	22.83	22.84	22.84
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.9L	5.4L	6.9L	8.4L
pH	2.84	4.38	5.42	5.69	5.85	5.94
Temperature (°C)	8.51	8.73	9.09	9.33	9.54	9.68
Conductivity (μmhos/cm)	81	81	84	85	95	87
Dissolved Oxygen (mg/L)	6.75	6.84	6.76	6.85	6.89	6.94
Turbidity (NTU)	94.1	69	48	46	40	37
Eh (mv)	454	409	341	311	287	272

TOTAL QUANTITY OF WATER REMOVED (L): 23.7 L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 0946/0948
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW003, BN-10-EP-MWXD1
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: Containerized 23.7 L, and ran thru the treatment plant. * Duplicate BN-10-EP-MWXD1 collected here.

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600471 7303	Date: 11/10/97	
Well ID: MW 225A	Field Personnel: KR/KC		

Parameter	6	7	8	9	10	11
Time (min.)	0853	0858	0903	0908	0917	0920
Depth to Water (ft)	22.84	22.84	22.83	**	22.83	22.83
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	9.9L	11.4L	12.9L	14.4L		15.3L
pH	5.99	6.04	6.06	↓	pump	6.14
Temperature (°C)	9.77	9.93	10.05	pump off	on	9.47
Conductivity (μmhos/cm)	84	85	84			86
Dissolved Oxygen (mg/L)	6.94	7.01	7.14			7.30
Turbidity (NTU)	27	26	22	↑	↓	29
Eh (mv)	261	252	248			272

Parameter	12	13	14	15	16	17
Time (min)	0925	0930	0933	0936	0939	0942
Depth to Water (ft)	22.83	22.83	22.81	22.81	22.81	22.81
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	16.8L	18.3L	19.2L	20.1L	21.0L	21.9L
pH	6.09	6.09	6.10	6.11	6.11	6.12
Temperature (°C)	9.72	9.72	9.72	9.80	9.97	10.04
Conductivity (μmhos/cm)	87	86	85	86	87	87
Dissolved Oxygen (mg/L)	7.32	7.14	7.08	7.03	6.91	6.98
Turbidity (NTU)	20	10	9	12	7	6
Eh (mv)	239	229	228	227	226	226

COMMENTS AND OBSERVATIONS ** generator ran out of gas, pump off @ 0908, back on @ 0917.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600471 7303	Date: 11/10/97
Well ID: MW 225A	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	0945					
Depth to Water (ft)	22.81					
Purge Rate (L/min)	0.3L					
Volume Purged (L)	22.8L					
pH	6.12					
Temperature (°C)	10.12					
Conductivity (μmhos/cm)	87					
Dissolved Oxygen (mg/L)	6.98					
Turbidity (NTU)	8					
Eh (mv)	227					

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EASTERN PLUME
WELL I.D.: MW 225B
WELL CONDITION: GOOD

PROJECT NUMBER: 29600.47/7503
WELL LOCK STATUS: LOCKED
WEATHER: O'CAST, COOL

GAUGE DATE: 11/10/97
SOUNDING METHOD: SLOPE IND.
STICK UP/DOWN (ft): 2.35

GAUGE TIME: 820
MEASUREMENT REF: PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/10/97
PURGE METHOD: LO-FLO
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 820
FIELD PERSONNEL: KC/KK
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 42.00
B. DEPTH TO WATER (ft): 23.19
C. LIQUID DEPTH (ft) (A-B): 18.81

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 11.38
F. THREE WELL VOLUMES (L) (E*3): 34.14

Parameter	Beginning	1	2	3	4	5
Time (min)	820	825	828	832	836	844
Depth to Water (ft)	23.19	23.93	24.12	24.15	24.20	24.19
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	0	1.5	2.4	3.6	4.8	6.3
pH	4.87	5.26	5.54	5.60	5.72	5.61
Temperature (°C)	8.7	10.3	11.6	12.1	12.7	12.7
Conductivity (~~µ~~mS mhos/cm)	0.068	0.054	0.052	0.054	0.048	0.054
Dissolved Oxygen (mg/L)	9.69	9.29	9.35	9.82	9.54	9.83
Turbidity (NTU)	9	11	18	26	1	1
Eh (mv)	384	372	372	382	390	462

TOTAL QUANTITY OF WATER REMOVED (L): ~~11.8~~ 10.5

SAMPLERS: KC/KK
SAMPLING TIME (START/END): 850/855
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: DI H_2O
SAMPLE TYPE: GMB
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW001
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: DUMPED WATER FROM CUP BETWEEN 3RD AND 4th READINGS TO CLEAR TURBIDIM METER.

PH CHECK OK.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: EASTERN PLUME	Project No. 25400.47	Date: 11/10/97
Well ID: MW 225B	Field Personnel: KC/KR	

Parameter	6	7	8	9	10	11
Time (min.)	846					
Depth to Water (ft)	24.18					
Purge Rate (L/min)	0.3					
Volume Purged (L)	7.8					
pH	5.54					
Temperature (°C)	12.7					
Conductivity (~~µmhos~~ mS/cm)	0.052					
Dissolved Oxygen (mg/L)	9.79					
Turbidity (NTU)	2					
Eh (mv)	40					

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (~~µmhos~~ mS/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-229A
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 20°

GAUGE DATE: 11/13/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.55

GAUGE TIME: 942
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/13/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 948
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 32.70
B. DEPTH TO WATER (ft): 16.59
C. LIQUID DEPTH (ft) (A-B): 16.11
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 9.75
F. THREE WELL VOLUMES (L) (E*3): 29.25

Parameter	Beginning	1	2	3	4	5
Time (min)	951	956	1001	1006	1011	1016
Depth to Water (ft)	17.30	18.31	18.50	17.20	17.15	17.14
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.6	5.6
pH	6.40	6.05	5.94	5.89	5.84	5.83
Temperature (°C)	7.6	9.3	10.2	10.4	10.5	10.5
Conductivity (μmhos/cm)	46	56	64	74	48	48
Dissolved Oxygen (mg/L)	9.05	8.39	8.39	8.42	8.34	8.46
Turbidity (NTU)	38	15	16	14	8	6
Eh (mv)	332	353	369	381	390	396

TOTAL QUANTITY OF WATER REMOVED (L): 6.6

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1025 / 1026
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW020
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: Containerized water and ran through treatment plant. pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/13/97
Well ID: MW-229A	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1021					
Depth to Water (ft)	17.13					
Purge Rate (L/min)	0.2					
V lume Purged (L)	6.6					
pH	5.86					
Temperature (°C)	10.8					
Conductivity (μmhos/cm)	48					
Dissolved Oxygen (mg/L)	8.47					
Turbidity (NTU)	4					
Eh (mv)	399					

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-229B
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: sunny, 20°

GAUGE DATE: 11/13/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.76

GAUGE TIME: 953
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/13/97
PURGE METHOD: Low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 956
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 64.97
B. DEPTH TO WATER (ft): 14.83
C. LIQUID DEPTH (ft) (A-B): 50.14
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 30.33
F. THREE WELL VOLUMES (L) (E*3): 90.99

Parameter	Beginning	1	2	3	4	5
Time (min)	959	1004	1009	1014	1019	1024
Depth to Water (ft)	14.99	14.99	14.99	14.99	14.99	14.99
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	0.9	2.4	3.9	5.4	6.9	8.4
pH	6.88	7.13	7.19	7.20	7.22	7.21
Temperature (°C)	8.16	7.90	7.98	8.37	8.63	8.77
Conductivity (μmhos/cm)	89	76	73	75	74	76
Dissolved Oxygen (mg/L)	7.71	8.22	7.80	7.63	7.50	7.68
Turbidity (NTU)	329	171	121	85	52	21
Eh (mv)	275	226	199	190	188	187

TOTAL QUANTITY OF WATER REMOVED (L): 13.2

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1043/1045
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW022 BN-10-EP-MWXD4
SAMPLE PARAMETERS: VOC duplicate
COMMENTS AND OBSERVATIONS: Containerized water and ran through treatment plant ph check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume		Project No.: 29600.47	Date: 11/13/97
Well ID: MW-228B		Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1029	1034	1037	1040		
Depth to Water (ft)	14.99	14.99	14.99	14.99		
Purge Rate (L/min)	0.3	0.3	0.3	0.3		
V lume Purged (L)	9.9	11.4	12.3	13.2		
pH	7.21	7.20	7.20	7.20		
Temperature (°C)	8.88	9.07	9.14	9.17		
Conductivity (μmhos/cm)	77	77	74	76		
Dissolved Oxygen (mg/L)	7.65	7.68	7.72	7.72		
Turbidity (NTU)	16	7	6	4		
Eh (mv)	188	186	189	187		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-230A
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: overcast, 50°

GAUGE DATE: 11/10/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.21

GAUGE TIME: 1203
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/10/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1206
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 82.08
B. DEPTH TO WATER (ft): 16.54
C. LIQUID DEPTH (ft) (A-B): 65.54

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 39.65
F. THREE WELL VOLUMES (L) (E*3): 118.95

Parameter	Beginning	1	2	3	4	5
Time (min)	1209	1214	1219	1224	1229	1234
Depth to Water (ft)	16.62	16.62	16.62	16.62	16.62	16.62
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.6	5.6
pH	7.11	7.42	7.56	7.61	7.65	7.66
Temperature (°C)	8.57	8.07	7.94	7.96	8.05	8.13
Conductivity (μmhos/cm)	67	65	66	69	65	65
Dissolved Oxygen (mg/L)	3.73	1.71	0.84	0.59	0.48	0.42
Turbidity (NTU)	11	60	43	33	30	28
Eh (mv)	128	20	-63	-89	-102	-113

TOTAL QUANTITY OF WATER REMOVED (L): _____

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1253/1254
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW008
SAMPLE PARAMETERS: VOC
ph check OK

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/10/97
Well ID: MW-230A	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1239	1244	1247	1250		
Depth to Water (ft)	16.62	16.62	16.62	16.62		
Purge Rate (L/min)	0.2	0.2	0.2	0.2		
V lume Purged (L)	6.6	7.6	8.2	8.8		
pH	7.67	7.69	7.70	7.71		
Temperature (°C)	8.18	8.21	8.23	8.26		
Conductivity (μmhos/cm)	67	66	68	69		
Dissolved Oxygen (mg/L)	0.40	0.35	0.34	0.33		
Turbidity (NTU)	29	31	33	33		
Eh (mv)	-119	-127	-133	-135		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: EASTERN PLUME
WELL I.D.: MW231A
WELL CONDITION: GOOD

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: LOCKED
WEATHER: OVERCAST, COOL

GAUGE DATE: 11/10/97
SOUNDING METHOD: SLOPE INDICATOR
STICK UP/DOWN (ft): 2.65

GAUGE TIME: 1305
MEASUREMENT REF: ~~TOC~~ PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/10/97
PURGE METHOD: LOFLO
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1305
FIELD PERSONNEL: KC/KR
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 62.42
B. DEPTH TO WATER (ft): 21.05
C. LIQUID DEPTH (ft) (A-B): 41.37
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 25.03
F. THREE WELL VOLUMES (L) (E*3): 75.09

Parameter	Beginning	1	2	3	4	5
Time (min)	1305	1310	1315	1320	1325	1330
Depth to Water (ft)	21.81	22.00	22.10	22.10	22.10	22.10
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	0	1.5	3.0	4.5	6.0	7.5
pH	7.4	6.16	6.08	6.29	6.32	6.30
Temperature (°C)	8.4	8.1	8.4	9.3	10.2	10.3
Conductivity (~~µmhos~~ mS/cm)	0.070	0.064	0.074	0.068	0.066	0.062
Dissolved Oxygen (mg/L)	7.95	7.27	7.00	7.61	7.45	7.21
Turbidity (NTU)	5	94	79	85	77	68
Eh (mv)	392	417	404	391	389	390

TOTAL QUANTITY OF WATER REMOVED (L): 22.4

SAMPLERS: KC/KR
SAMPLING TIME (START/END): 1425/1426
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: DI H_2O
SAMPLE TYPE: GRAB
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-16 - EP — MW009
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: pH CHECK OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name:	EASTERN PLUME	Project No.: 2960047	Date: 11/10/97
Well ID:	MW231A	Field Personnel:	KC/KR

Parameter	6	7	8	9	10	11
Time (min.)	1335	1340	1345	1350	1357	1400
Depth to Water (ft)	22.20	22.15	22.00	22.10	22.10	22.15
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	0.3
Volume Purged (L)	9.0	10.5	12.0	13.5	14.6	15.5
pH	6.40	6.33	6.37	6.41	6.41	6.42
Temperature (°C)	10.4	10.1	10.7	9.9	10.3	10.4
Conductivity (~~µmhos~~ mS/cm)	0.068	0.064	0.062	0.074	0.066	0.068
Dissolved Oxygen (mg/L)	7.13	6.82	6.87	7.28	6.78	7.19
Turbidity (NTU)	87	83	82	97	107	108
(mv)	391	391	390	388	385	385

Parameter	12	13	14	15	16	17
Time (min)	1405	1412	1417	1420	1423	
Depth to Water (ft)	22.15	22.20	22.15	22.15	22.15	
Purge Rate (L/min)	0.3	0.3	0.3	0.3	0.3	
Volume Purged (L)	17.0	19.1	20.6	21.5	22.4	
pH	6.48	6.38	6.38	6.41	6.42	
Temperature (°C)	11.9	10.8	11.0	11.1	11.2	
Conductivity (~~µmhos~~ mS/cm)	0.062	0.054	0.056	0.056	0.056	
Dissolved Oxygen (mg/L)	6.96	7.08	7.35	7.41	7.41	
Turbidity (NTU)	109	104	106	105	109	
Eh (mv)	382	391	392	390	390	

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 231B
WELL CONDITION: good

PROJECT NUMBER: 29600471/7303
WELL LOCK STATUS: locked
WEATHER: p. cloudy, mild, 50°F

GAUGE DATE: 11/10/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 3.00

GAUGE TIME: 1300
MEASUREMENT REF: top of pvc
WELL DIAMETER (in.): 2"

PURGE DATE: 11/10/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1303
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 57.86
B. DEPTH TO WATER (ft): 25.85
C. LIQUID DEPTH (ft) (A-B): 32.01

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 19.37
F. THREE WELL VOLUMES (L) (E*3): 58.11

Parameter	Beginning	1	2 *	3	4	5 *
Time (min)	1306	1311	1316	1321	1326	1331
Depth to Water (ft)	25.85	26.55	26.60	26.61	26.61	26.60
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.9L	5.4L	6.9L	8.4L
pH	6.40	6.35	6.46	6.41	6.38	6.39
Temperature (°C)	8.95	10.78	11.70	11.93	11.88	11.88
Conductivity (μmhos/cm)	47	50	51	53	51	52
Dissolved Oxygen (mg/L)	11.00	10.87	10.77	10.73	10.63	10.85
Turbidity (NTU)	1050	1104	51	50	100	22
Eh (mv)	206	194	186	192	196	195

TOTAL QUANTITY OF WATER REMOVED (L): 20.1L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1409 / 1410
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: DI Water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW006
SAMPLE PARAMETERS: VOCs by 8260.

COMMENTS AND OBSERVATIONS: * Cleaned flow thru cell between Readings 2 and 3. (Turbidity dropped)

PH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.97/7303	Date: 11/10/97
Well ID: MW 231B	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	1336	1341	1346	1351	1356	1401
Depth to Water (ft)	26.70	26.89	26.88	26.88	26.83	26.84
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
V lume Purged (L)	9.9L	11.4L	12.9L	14.4L	15.9L	17.4L
pH	6.37	6.37	6.37	6.39	6.39	6.38
Temperature (°C)	11.45	11.14	11.07	11.15	11.14	11.22
Conductivity (μmhos/cm)	51	52	52	52	52	52
Dissolved Oxygen (mg/L)	10.84	10.78	10.69	10.75	10.83	10.84
Turbidity (NTU)	18	17	30	12	10	5
[illegible] (mv)	200	204	205	215	218	223

Parameter	12	13	14	15	16	17
Time (min)	1404	1407				
Depth to Water (ft)	26.83	26.85				
Purge Rate (L/min)	0.3L	0.3L				
Volume Purged (L)	18.3L	19.2L				
pH	6.39	6.38				
Temperature (°C)	11.18	11.16				
Conductivity (μmhos/cm)	52	51				
Dissolved Oxygen (mg/L)	10.83	10.79				
Turbidity (NTU)	3	3				
Eh (mv)	226	227				

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastin Plume
WELL I.D.: MW 303
WELL CONDITION: good

PROJECT NUMBER: 29600.47 17303
WELL LOCK STATUS: locked
WEATHER: p. sunny, cold, 35°F

GAUGE DATE: 11/12/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 1.81

GAUGE TIME: 0755
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/12/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0800
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 71.62
B. DEPTH TO WATER (ft): 13.24
C. LIQUID DEPTH (ft) (A-B): 58.38
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 35.32
F. THREE WELL VOLUMES (L) (E*3): 105.96

Parameter	Beginning	1	2	3	4	5
Time (min)	0803	0806	0809	0814	0819	0824
Depth to Water (ft)	13.24	13.28	13.28	13.26	13.26	13.29
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	1.8L	2.7L	4.2L	5.7L	7.2L
pH	5.52	6.69	7.20	7.45	7.46	7.77
Temperature (°C)	6.83	7.13	7.26	7.55	8.52	8.79
Conductivity (μmhos/cm)	183	182	174	175	176	175
Dissolved Oxygen (mg/L)	8.69	6.16	3.15	1.32	0.71	0.51
Turbidity (NTU)	10	10	22	12	4	2
Eh (mv)	240	146	15	-62	-96	-117

TOTAL QUANTITY OF WATER REMOVED (L): 10.8L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 0835/0836
SAMPLING DATE: 11/12/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW017, BN-10-EP-MWXD3
SAMPLE PARAMETERS: VOCs by 8260
COMMENTS AND OBSERVATIONS: Duplicate done here, BN-10-EP-MWXD3

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Ecotin Plume
PROJECT NUMBER: 29600.47/7303
WELL I.D.: mw 305
WELL LOCK STATUS: locked
WELL CONDITION: good
WEATHER: sunny, cold, 30°F

GAUGE DATE: 11/13/97
GAUGE TIME: 0820
SOUNDING METHOD: slope indicator
MEASUREMENT REF: Top of PVC
STICK UP/DOWN (ft): 2.70
WELL DIAMETER (in.): 2"

PURGE DATE: 11/13/97
PURGE TIME: 0826
PURGE METHOD: low flow
FIELD PERSONNEL: KR/KC
AMBIENT AIR VOCs (ppm) Start: 0 End: 0
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 54.12
B. DEPTH TO WATER (ft): 11.99
C. LIQUID DEPTH (ft) (A-B): 42.13
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 25.49
F. THREE WELL VOLUMES (L) (E*3): 76.47

Parameter	Beginning	1	2	3	4	5
Time (min)	0829	0834	0839	0844	0849	0854
Depth to Water (ft)	11.99	14.12	14.41	15.24	15.76	15.50
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.9L	5.4L	6.9L	8.4L
pH	8.04	8.46	8.47	8.63	8.77	8.77
Temperature (°C)	6.89	7.81	7.56	10.45	12.34	11.93
Conductivity (μmhos/cm)	145	142	149	159	166	165
Dissolved Oxygen (mg/L)	2.61	0.52	0.26	0.23	0.27	0.29
Turbidity (NTU)	392	1352	1350	904	380	230
Eh (mv)	124	-6	-78	-113	-145	-151

TOTAL QUANTITY OF WATER REMOVED (L): 37.2L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1029 / 1030
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW023
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS:

PH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600401 7303	Date: 11/13/97
Well ID: MW 305	Field Personnel: KR / KC	

Parameter	6	7	8	9	10	11
Time (min.)	0859	0904	0909	0914	0919	0924
Depth to Water (ft)	15.24	15.12	15.12	15.14	15.14	15.14
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	9.9L	11.4L	12.9L	14.4L	15.9L	17.4L
pH	8.79	8.77	8.72	8.75	8.76	8.76
Temperature (°C)	11.59	11.34	11.37	11.72	11.85	11.97
Conductivity (μmhos/cm)	161	161	163	160	171	176
Dissolved Oxygen (mg/L)	0.21	0.24	0.19	0.26	0.29	0.24
Turbidity (NTU)	146	112	127	100	69	48
Eh (mv)	-159	-162	-163	-168	-173	-176

Parameter	12	13	14	15	16	17
Time (min)	0929	0934	0939	0944	0949	0954
Depth to Water (ft)	15.13	15.13	15.13	15.13	15.13	20.15
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	18.9L	20.4L	21.9L	23.4L	24.9L	26.4L
pH	8.76	8.76	8.76	8.76	8.77	8.77
Temperature (°C)	11.98	11.99	11.98	12.00	11.84	10.81
Conductivity (μmhos/cm)	181	181	183	179	174	226
Dissolved Oxygen (mg/L)	0.23	0.22	0.20	0.18	0.16	0.24
Turbidity (NTU)	47	38	38	38	31	681
Eh (mv)	-181	-181	-183	-183	-184	-141

* pump surged

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Cooten Plume	Project No.: 29600471 7303	Date: 11/13/97
Well ID: MW305	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	0959	1004	1009	1014	1019	1024
Depth to Water (ft)	19.92	19.50	19.10	19.10	19.02	19.02
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	27.9L	29.4L	30.9L	32.4L	33.9L	35.4L
pH	8.80	8.81	8.81	8.81	8.81	8.81
Temperature (°C)	10.58	10.48	10.39	10.35	10.27	10.25
Conductivity (μmhos/cm)	218	240	257	162	149	153
Dissolved Oxygen (mg/L)	0.21	0.18	0.15	0.15	0.14	0.14
Turbidity (NTU)	580	576	413	306	292	233
Eh (mv)	-148	-156	-163	-168	-176	-179

Parameter	12	13	14	15	16	17
Time (min)	1027					
Depth to Water (ft)	19.02					
Purge Rate (L/min)	0.3L					
Volume Purged (L)	36.3L					
pH	8.82					
Temperature (°C)	10.22					
Conductivity (μmhos/cm)	152					
Dissolved Oxygen (mg/L)	0.13					
Turbidity (NTU)	196					
Eh (mv)	-183					

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 30c
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: cloudy, cool, 45°F

GAUGE DATE: 11/11/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.35

GAUGE TIME: 0910
MEASUREMENT REF: top of pvc
WELL DIAMETER (in.): 2"

PURGE DATE: 11/11/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0919
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 56.98
B. DEPTH TO WATER (ft): 20.61
C. LIQUID DEPTH (ft) (A-B): 36.37

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 22.0
F. THREE WELL VOLUMES (L) (E*3): 66.0

Parameter	Beginning	1	2	3	4	5
Time (min)	0922	0927	0932	0937	0942	0947
Depth to Water (ft)	20.61	20.71	20.69	20.69	20.69	20.68
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.9L	5.4L	6.9L	8.4L
pH	5.65	5.99	6.05	6.07	6.08	6.08
Temperature (°C)	8.39	9.63	10.21	10.96	11.18	11.40
Conductivity (μmhos/cm)	63	67	65	65	66	68
Dissolved Oxygen (mg/L)	9.49	7.25	7.47	7.50	7.45	7.53
Turbidity (NTU)	520	175	99	48	37	26
Eh (mv)	268	233	226	221	220	219

TOTAL QUANTITY OF WATER REMOVED (L): 19.2L

SAMPLERS: KR/KC
SAMPLING DATE: 11/11/97
SAMPLE TYPE: Grab
SAMPLE BOTTLE IDs: BN-10-EP-MW0073
SAMPLE PARAMETERS: VOCs by 8260

SAMPLING TIME (START/END): 1021/1023
DECONTAMINATION FLUIDS USED: DI water
SAMPLE PRESERVATIVES: 1:1 HCl

COMMENTS AND OBSERVATIONS: Containerized 19.2L of purge water, and ran thru treatment plant.

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Ecotech Plume	Project No.: 29600.497 7303	Date: 11/11/97
Well ID: MW306	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	0952	0957	1002	1007	1010	1013
Depth to Water (ft)	20.68	20.68	20.69	20.69	20.69	20.69
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	9.9L	11.4L	12.9L	14.4L	15.3L	16.2L
pH	6.08	6.08	6.08	6.09	6.08	6.08
Temperature (°C)	11.50	11.66	11.72	11.84	11.91	11.94
Conductivity (μmhos/cm)	67	64	64	66	66	66
Dissolved Oxygen (mg/L)	7.67	7.74	7.74	7.79	7.81	7.80
Turbidity (NTU)	23	21	18	18	20	21
Eh (mv)	218	219	219	219	218	219

Parameter	12	13	14	15	16	17
Time (min)	1016	1019				
Depth to Water (ft)	20.69	20.69				
Purge Rate (L/min)	0.3L	0.3L				
Volume Purged (L)	17.1L	18.0L				
pH	6.08	6.08				
Temperature (°C)	12.02	12.07				
Conductivity (μmhos/cm)	66	66				
Dissolved Oxygen (mg/L)	7.83	7.87				
Turbidity (NTU)	21	22				
Eh (mv)	218	218				

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW307
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: Cloudy, breezy, 50°F

GAUGE DATE: 11/11/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.00

GAUGE TIME: 1310
MEASUREMENT REF: Top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/11/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: ~~1352~~ 1330
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 22.21
B. DEPTH TO WATER (ft): 17.68
C. LIQUID DEPTH (ft) (A-B): 4.53
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 2.74
F. THREE WELL VOLUMES (L) (E*3): 8.22

Parameter	Beginning	1	2	3	4*	5
Time (min)	1335	1340	1345	1350	1355	1400
Depth to Water (ft)	17.68	17.76	17.81	17.83	18.00	17.85
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	1.5L	3.0L	4.5L	6.0L	7.5L	9.0L
pH	2.59	5.24	5.69	5.81	5.79	5.87
Temperature (°C)	14.05	15.76	15.51	15.54	14.83	15.04
Conductivity (μmhos/cm)	152	144	145	141	120	133
Dissolved Oxygen (mg/L)	6.58	7.08	7.02	6.96	7.79	7.23
Turbidity (NTU)	1219	840	436	362	897	360
Eh (mv)	336	242	237	219	219	231

* pump surging

TOTAL QUANTITY OF WATER REMOVED (L): 28.5L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1500/1505
SAMPLING DATE: 11/11/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW015
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: * have to keep adjusting flow rate to maintain 0.3L/min. (pump surging).
pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29000.911 7303	Date: 11/11/97
Well ID: MW307	Field Personnel: KR/KC	

** pump surging

Parameter	6	7	8	9	10	11
Time (min.)	1405	1410	1415	1420	1425	1430
Depth to Water (ft)	17.86	17.84	17.83	17.83	17.84	17.83
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	10.5L	12.0L	13.5L	15.0L	16.5L	18.0L
pH	5.90	5.91	5.92	5.93	5.94	5.88
Temperature (°C)	16.05	13.08	14.44	16.45	16.32	15.83
Conductivity (μmhos/cm)	130	123	133	131	131	114
Dissolved Oxygen (mg/L)	7.41	7.72	7.38	7.29	7.34	8.42
Turbidity (NTU)	500	536	189	131	182	823
Eh (mv)	226	232	231	203	205	209

Parameter	12	13	14	15	16	17
Time (min)	1435	1440	1445	1450	1455	1500
Depth to Water (ft)	17.83	17.82	17.91	18.09	18.15	18.25
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	19.5L	21.0L	22.5L	24.0L	25.5L	27.0L
pH	5.89	5.92	5.92	5.92	5.92	5.92
Temperature (°C)	11.73	11.15	11.04	11.04	11.04	11.07
Conductivity (μmhos/cm)	114	115	108	104	106	108
Dissolved Oxygen (mg/L)	8.01	7.81	7.72	7.69	7.78	7.76
Turbidity (NTU)	1008	1212	1340	1359	1340	1356
Eh (mv)	228	239	247	251	249	248

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-308
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 30°

GAUGE DATE: 11/13/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.44

GAUGE TIME: 1253
MEASUREMENT REF: T.O.C
WELL DIAMETER (in.): 2

PURGE DATE: 11/13/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1255
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 72.85
B. DEPTH TO WATER (ft): 7.15
C. LIQUID DEPTH (ft) (A-B): 65.70

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 39.75
F. THREE WELL VOLUMES (L) (E*3): 119.25

Parameter	Beginning	1	2	3	4	5
Time (min)	1258	1301	1304	1307	1310	1313
Depth to Water (ft)	7.25	7.34	7.41	7.56	7.63	7.72
Purge Rate (L/min)	0.4	0.4	0.4	0.4	0.4	0.4
Volume Purged (L)	1.2	2.4	3.6	4.8	6.0	7.2
pH	8.46	8.59	8.63	8.65	8.66	8.67
Temperature (°C)	9.00	9.05	9.22	9.38	9.47	9.52
Conductivity (μmhos/cm)	584	585	582	583	587	588
Dissolved Oxygen (mg/L)	0.99	0.27	0.21	0.20	0.15	0.17
Turbidity (NTU)	8	15	9	6	5	2
Eh (mv)	-62	-140	-162	-173	-182	-187

TOTAL QUANTITY OF WATER REMOVED (L): 7.2

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1315/1314
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP MW028
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: added extra HCL

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-309A
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 20°

GAUGE DATE: 11/13/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.49

GAUGE TIME: 1148
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/13/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1151
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 72.71
B. DEPTH TO WATER (ft): Artesian
C. LIQUID DEPTH (ft) (A-B): 72.71
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 43.99
F. THREE WELL VOLUMES (L) (E*3): 131.97

Parameter	Beginning	1	2	3	4	5
Time (min)	1156	1201	1206	1211	1216	1221
Depth to Water (ft)	0.61	0.61	0.61	0.60	0.61	0.61
Purge Rate (L/min)	2.4	2.4	2.4	2.4	2.4	2.4
Volume Purged (L)	12	24	36	48	60	72
pH	8.43	8.68	8.73	8.77	8.77	8.79
Temperature (°C)	8.51	8.63	8.66	8.68	8.68	8.72
Conductivity (μmhos/cm)	223	226	224	224	229	230
Dissolved Oxygen (mg/L)	0.23	0.11	0.09	0.08	0.08	0.06
Turbidity (NTU)	14	6	4	2	1	1
Eh (mv)	-35	-104	-137	-160	-172	-180

TOTAL QUANTITY OF WATER REMOVED (L): 86.4

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1230/1231
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW026
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: added extra HCL

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/13/97
Well ID: MW-309A	Field Personnel: MC SC	

Parameter	6	7	8	9	10	11
Time (min.)	1224	1227				
Depth to Water (ft)	0.61	0.61				
Purge Rate (L/min)	2.4	2.4				
V lume Purged (L)	79.2	86.4				
pH	8.77	8.77				
Temperature (°C)	8.72	8.73				
Conductivity (μmhos/cm)	226	226				
Dissolved Oxygen (mg/L)	0.06	0.06				
Turbidity (NTU)	0	0				
Eh (mv)	-185	-189				

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-309B
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: Sunny, 20°

GAUGE DATE: 11/13/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.42

GAUGE TIME: 1138
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/13/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1141
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 59.43
B. DEPTH TO WATER (ft): 1.90
C. LIQUID DEPTH (ft) (A-B): 57.53
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 34.81
F. THREE WELL VOLUMES (L) (E*3): 104.43

Parameter	Beginning	1	2	3	4	5
Time (min)	1144	1149	1154	1159	1204	1209
Depth to Water (ft)	3.12	5.38	6.48	8.85	10.00	10.85
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.6	5.6
pH	8.57	8.65	8.77	8.78	8.77	8.76
Temperature (°C)	7.7	7.5	8.1	8.3	8.2	8.0
Conductivity (μmhos/cm)	246	206	248	236	236	232
Dissolved Oxygen (mg/L)	0.58	0.40	0.24	0.21	0.21	0.21
Turbidity (NTU)	0	2	1	0	0	0
Eh (mv)	320	307	287	282	277	275

TOTAL QUANTITY OF WATER REMOVED (L): 5.6

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1212 / 1213
SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW024
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: added extra HCL

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-310
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: overcast 50°

GAUGE DATE: 11/10/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.57

GAUGE TIME: 1011
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/10/97
PURGE METHOD: Low Flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1013
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 72.83
B. DEPTH TO WATER (ft): 30.70
C. LIQUID DEPTH (ft) (A-B): 42.13

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 25.49
F. THREE WELL VOLUMES (L) (E*3): 76.47

Parameter	Beginning	1	2	3	4	5
Time (min)	1016	1021	1026	1031	1036	1039
Depth to Water (ft)	30.75	30.75	30.74	30.74	30.73	30.73
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.6	1.6	2.6	3.6	4.6	5.2
pH	6.75	6.47	6.41	6.39	6.38	6.37
Temperature (°C)	8.95	8.66	9.14	9.52	9.76	9.82
Conductivity (μmhos/cm)	101	93	74	83	77	73
Dissolved Oxygen (mg/L)	9.38	9.42	9.37	9.34	9.34	9.35
Turbidity (NTU)	19	44	22	13	7	5
Eh (mv)	101	107	107	111	114	115

TOTAL QUANTITY OF WATER REMOVED (L): 5.8

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 1045/1047
SAMPLING DATE: 11/10/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW004 MS/MSD
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: added additional HCL

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/10/97
Well ID: MW-310	Field Personnel: MC, SC	

Parameter	6	7	8	9	10	11
Time (min.)	1042					
Depth to Water (ft)	30.73					
Purge Rate (L/min)	0.2					
V lume Purged (L)	5.8					
pH	6.36					
Temperature (°C)	9.92					
Conductivity (μmhos/cm)	72					
Dissolved Oxygen (mg/L)	9.36					
Turbidity (NTU)	3					
h (mv)	116					

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW311
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: Cloudy, cold, 30°F

GAUGE DATE: 11/14/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.30

GAUGE TIME: 1000
MEASUREMENT REF: top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/14/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: KR ~~1000~~ 1011
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 55.78
B. DEPTH TO WATER (ft): 5.02
C. LIQUID DEPTH (ft) (A-B): 50.76

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 30.71
F. THREE WELL VOLUMES (L) (E*3): 92.13

Parameter	Beginning	1	2	3	4	5
Time (min)	1019	1019	1029	1029	1039	1039
Depth to Water (ft)	5.02	5.62	5.62	5.60	5.60	5.60
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.9L	5.4L	6.9L	8.4L
pH	6.64	6.58	6.60	6.56	6.55	6.57
Temperature (°C)	7.79	8.13	8.32	8.43	8.45	8.47
Conductivity (μmhos/cm)	102	102	102	103	103	103
Dissolved Oxygen (mg/L)	1.84	1.47	1.45	1.52	1.56	1.62
Turbidity (NTU)	548	1000	917	617	445	267
Eh (mv)	196	196	196	194	194	193

TOTAL QUANTITY OF WATER REMOVED (L): 32.7L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1158 / 1200

SAMPLING DATE: 11/14/97
DECONTAMINATION FLUIDS USED: DI Water

SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl

SAMPLE BOTTLE IDs: BN-10-EP-MW031, BN-10-EP-MWXDS

SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: Duplicate done here, BN-10-EP-MWXDS.
Contaminated 32.7L, and ran thru treatment plant of purge water
PH check OK.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eooten Plume	Project No.: 29600.491 7303	Date: 11/14/97
Well ID: MW311	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	1044	1049	1054	1059	1104	1109
Depth to Water (ft)	5.65	5.67	5.67	5.72	5.72	5.70
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	9.9L	11.4L	12.9L	14.4L	15.9L	17.4L
pH	6.57	6.59	6.56	6.56	6.58	6.60
Temperature (°C)	8.48	8.47	8.47	8.47	8.46	8.45
Conductivity (μmhos/cm)	103	103	103	103	103	103
Dissolved Oxygen (mg/L)	1.64	1.66	1.67	1.70	1.70	1.68
Turbidity (NTU)	205	174	151	113	85	64
Eh (mv)	193	194	193	194	192	192

Parameter	12	13	14	15	16	17
Time (min)	1114	1119	1124	1129	1134	1139
Depth to Water (ft)	5.70	5.70	5.70	5.72	5.72	5.72
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	18.9L	20.4L	21.9L	23.4L	24.9L	26.4L
pH	6.59	6.59	6.60	6.59	6.60	6.59
Temperature (°C)	8.41	8.41	8.41	8.39	8.39	8.41
Conductivity (μmhos/cm)	103	103	103	103	103	103
Dissolved Oxygen (mg/L)	1.68	1.73	1.72	1.70	1.71	1.72
Turbidity (NTU)	54	40	32	23	23	17
Eh (mv)	192	192	192	192	192	192

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW313
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: sunny, cool, 45 F

GAUGE DATE: 11/13/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 3.35

GAUGE TIME: 1150
MEASUREMENT REF: Top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/13/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1153
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 37.14
B. DEPTH TO WATER (ft): 9.79
C. LIQUID DEPTH (ft) (A-B): 27.35

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 16.55
F. THREE WELL VOLUMES (L) (E*3): 49.65

Parameter	Beginning	1	2	3	4	5
Time (min)	1156	1200	1205	1210	1215	1220
Depth to Water (ft)	9.79	10.68	10.73	10.91	10.92	10.95
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.1L	3.6L	5.1L	6.6L	8.1L
pH	5.91	7.17	7.65	7.81	7.81	7.94
Temperature (°C)	7.42	8.56	9.36	10.05	10.53	10.86
Conductivity (μmhos/cm)	192	223	223	226	219	219
Dissolved Oxygen (mg/L)	0.51	0.26	0.24	0.24	0.21	0.28
Turbidity (NTU)	1232	989	719	508	344	242
Eh (mv)	-141	-167	-176	-180	-179	-176

TOTAL QUANTITY OF WATER REMOVED (L): 36.9L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1355/1358

SAMPLING DATE: 11/13/97
DECONTAMINATION FLUIDS USED: DI water

SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl

SAMPLE BOTTLE IDs: BN-10-EP-MW025

SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS:

pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name:	Eaton Plume	Project No.: 29600.911 7303	Date: 11/14/97
Well ID:	MW 311	Field Personnel:	KR/KC

Parameter	6	7	8	9	10	11
Time (min.)	1144	1147	1150	1153	1156	
Depth to Water (ft)	5.63	5.63	5.63	5.63	5.63	
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	
V lume Purged (L)	27.9L	28.8L	29.7L	30.6L	31.5L	
pH	6.60	6.60	6.60	6.60	6.60	
Temperature (°C)	8.36	8.33	8.32	8.33	8.34	
Conductivity (μmhos/cm)	104	104	105	103	103	
Dissolved Oxygen (mg/L)	1.70	1.69	1.73	1.73	1.72	
Turbidity (NTU)	11	10	8	7	7	
Eh (mv)	197	194	194	193	194	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47/2303	Date: 11/13/97	
Well ID: MW 313	Field Personnel: KR/KC		

Parameter	6	7	8	9	10	11
Time (min.)	1225	1230	1235	1240	1245	1250
Depth to Water (ft)	10.97	10.97	10.97	10.97	10.99	11.00
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	9.6L	11.1L	12.6L	14.1L	15.6L	17.1L
pH	7.85	7.89	7.90	7.88	7.86	7.84
Temperature (°C)	11.13	11.28	11.45	11.57	11.67	11.86
Conductivity (μmhos/cm)	234	222	219	212	207	210
Dissolved Oxygen (mg/L)	0.25	0.36	0.42	0.51	0.46	0.44
Turbidity (NTU)	196	154	129	113	101	86
Eh (mv)	-169	-166	-161	-158	-156	-154

Parameter	12	13	14	15	16	17
Time (min)	1255	1300	1305	1310	1315	1320
Depth to Water (ft)	11.00	11.01	11.01	11.01	11.00	11.00
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	18.6L	20.1L	21.6L	23.1L	24.6L	26.1L
pH	7.82	7.81	7.79	7.78	7.77	7.76
Temperature (°C)	11.97	12.10	12.15	12.19	12.23	12.31
Conductivity (μmhos/cm)	201	208	202	200	198	197
Dissolved Oxygen (mg/L)	0.44	0.45	0.42	0.40	0.43	0.44
Turbidity (NTU)	73	65	56	50	44	41
Eh (mv)	-154	-153	-153	-153	-152	-152

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.97 7303	Date: 11/13/97	
Well ID: MW313	Field Personnel: KR/KC		

Parameter	6	7	8	9	10.	11
Time (min.)	1325	1330	1335	1340	1345	1350
Depth to Water (ft)	11.00	11.00	11.00	11.00	11.00	11.00
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	27.6L	29.1L	30.6L	32.1L	33.6L	35.1L
pH	7.76	7.71	7.75	7.75	7.75	7.76
Temperature (°C)	12.39	12.42	12.46	12.51	12.53	12.57
Conductivity (μmhos/cm)	188	185	189	194	193	192
Dissolved Oxygen (mg/L)	0.40	0.37	0.44	0.43	0.44	0.45
Turbidity (NTU)	39	36	35	32	31	29
Eh (mv)	-151	-150	-150	-150	-150	-149

Parameter	12	13	14	15	16	17
Time (min)	1353					
Depth to Water (ft)	11.00					
Purge Rate (L/min)	0.3L					
Volume Purged (L)	36.0L					
pH	7.70					
Temperature (°C)	12.59					
Conductivity (μmhos/cm)	195					
Dissolved Oxygen (mg/L)	0.42					
Turbidity (NTU)	28					
Eh (mv)	-149					

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/12/97
Well ID: MW 303	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	0827	0830	0833			
Depth to Water (ft)	13.29	13.28	13.28			
Purge Rate (L/min)	0.3L	0.3L	0.3L			
Volume Purged (L)	8.1L	9.0L	9.9L			
pH	7.80	7.80	7.83			
Temperature (°C)	8.89	8.91	9.04			
Conductivity (μmhos/cm)	173	176	175			
Dissolved Oxygen (mg/L)	0.42	0.40	0.39			
Turbidity (NTU)	1	1	1			
Eh (mv)	-127	-134	-136			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
PROJECT NUMBER: 29600.47/7303
WELL I.D.: MW318
WELL LOCK STATUS: locked
WELL CONDITION: good
WEATHER: sunny, cold, 40°F

GAUGE DATE: 11/12/97
GAUGE TIME: 1015
SOUNDING METHOD: slope indicator
MEASUREMENT REF: top of PVC
STICK UP/DOWN (ft): 2.57
WELL DIAMETER (in.): 2"

PURGE DATE: 11/12/97
PURGE TIME: 1019
PURGE METHOD: low flow
FIELD PERSONNEL: KR/KC
AMBIENT AIR VOCs (ppm) Start: 0 End: 0
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 25.14
B. DEPTH TO WATER (ft): 6.68
C. LIQUID DEPTH (ft) (A-B): 18.46
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 11.17
F. THREE WELL VOLUMES (L) (E*3): 33.51

Parameter	Beginning	1	2	3	4	5
Time (min)	1022	1025	1028	1033	1036	1039
Depth to Water (ft)	6.68	7.00	6.96	6.96	7.01	7.02
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	1.8L	2.7L	4.2L	5.1L	6.0L
pH	5.31	5.81	6.08	6.17	6.21	6.23
Temperature (°C)	9.09	9.39	10.76	12.32	13.10	13.30
Conductivity (μmhos/cm)	48	48	47	47	46	47
Dissolved Oxygen (mg/L)	4.96	5.00	4.99	5.34	5.59	5.63
Turbidity (NTU)	45	35	25	9	8	3
Eh (mv)	162	148	137	131	135	139

TOTAL QUANTITY OF WATER REMOVED (L): 10.5L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1053/1054
SAMPLING DATE: 11/12/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW019
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.4M/7303	Date: 11/12/97
Well ID: MW318	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	1042	1045	1048	1051		
Depth to Water (ft)	7.06	7.21	7.21	7.21		
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L		
Volume Purged (L)	6.9L	7.8L	8.7L	9.6L		
pH	6.10	6.18	6.18	6.18		
Temperature (°C)	13.13	13.10	13.12	13.12		
Conductivity (μmhos/cm)	46	47	46	45		
Dissolved Oxygen (mg/L)	5.63	5.71	5.69	5.68		
Turbidity (NTU)	2	-1	-1	-2		
Eh (mv)	144	147	151	151		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastlin Plume
WELL I.D.: MW 319
WELL CONDITION: good

PROJECT NUMBER: 29600.47/1303
WELL LOCK STATUS: locked
WEATHER: Cloudy, cold, 30°F

GAUGE DATE: 11/14/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.30

GAUGE TIME: 0820
MEASUREMENT REF: top of pvc
WELL DIAMETER (in.): 2"

PURGE DATE: 11/14/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0834
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 72.44
B. DEPTH TO WATER (ft): 18.67
C. LIQUID DEPTH (ft) (A-B): 53.77
D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 32.53
F. THREE WELL VOLUMES (L) (E*3): 97.59

Parameter	Beginning	1	2	3	4	5
Time (min)	0837	0842	0847	0852	0857	0900
Depth to Water (ft)	18.67	18.62	18.62	18.62	18.63	18.65
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.9L	5.4L	6.9L	7.8L
pH	5.42	6.59	6.30	6.41	6.38	6.39
Temperature (°C)	7.51	7.65	7.95	7.29	6.58	7.97
Conductivity (μmhos/cm)	162	163	159	149	140	142
Dissolved Oxygen (mg/L)	12.29	3.77	2.52	2.33	2.42	2.86
Turbidity (NTU)	-5	-5	-4	-4	-4	-5
Eh (mv)	211	240	213	215	212	212

TOTAL QUANTITY OF WATER REMOVED (L): 12.3L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 0955/0958
SAMPLING DATE: 11/14/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW030 (MS/MSD)
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: MS/MSD Done here
Containerized 12.3L, and ran thru treatment plant.
pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 24600.471 730.3	Date: 11/14/97
Well ID: MW319	Field Personnel: KR / KC	

Parameter	6	7	8	9	10	11
Time (min.)	0903	0906	0909	0912	0912	0955
Depth to Water (ft)	18.64	18.72	18.72	18.72		
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L		
Volume Purged (L)	8.7L	9.6L	10.5L	11.4L		
pH	6.34	6.34	6.31	6.30	Pump off, generator out of gas	Pump on
Temperature (°C)	8.12	8.22	8.34	8.38		
Conductivity (μmhos/cm)	139	136	134	136		
Dissolved Oxygen (mg/L)	3.44	3.73	3.79	3.52		
Turbidity (NTU)	-5	-5	-5	-5		
Eh (mv)	209	205	201	197		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW 1104
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: Cloudy, cool, 45°F

GAUGE DATE: 11/11/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.25

GAUGE TIME: 0935
MEASUREMENT REF: Top of PVC
WELL DIAMETER (in.): 2"

PURGE DATE: 11/11/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 0944
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 27.55
B. DEPTH TO WATER (ft): 14.05
C. LIQUID DEPTH (ft) (A-B): 13.50

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): ~~8.178~~ 8.17 SC
F. THREE WELL VOLUMES (L) (E*3): ~~24.54~~ 24.51

Parameter	Beginning	1	2	3	4	5
Time (min)	0847	0752	0755	0758	0801	0804
Depth to Water (ft)	14.05	14.05	14.09	14.08	14.10	14.10
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.3L	4.2L	5.1L	6.0L
pH	5.70	5.75	5.88	5.91	5.92	5.92
Temperature (°C)	11.3	12.2	16.1	16.5	16.8	16.8
** Conductivity (μmhos/cm)	196	62	96	84	80	86
Dissolved Oxygen (mg/L)	0.24	0.26	0.17	0.17	0.17	0.18
Turbidity (NTU)	33	15	9	4	3	3
Eh (mv)	250	198	145	124	109	101

TOTAL QUANTITY OF WATER REMOVED (L): 10.2L

SAMPLERS: KR/KC
SAMPLING DATE: 11/11/97
SAMPLE TYPE: Grab
SAMPLE BOTTLE IDs: BN-10-EP-MW011, BN-10-EP-MWXD2
SAMPLE PARAMETERS: VOCs by 8260

SAMPLING TIME (START/END): 0817/0818
DECONTAMINATION FLUIDS USED: DI water
SAMPLE PRESERVATIVES: 1:1 HCl

COMMENTS AND OBSERVATIONS: * Duplicate collected here, BN-10-EP-MWXD2
** Conductivity probe going bad.

PH Check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Epstein Plume	Project No.: 29600.9711 7303	Date: 11/11/97
Well ID: MW1104	Field Personnel: KR / KC	

Parameter	6	7	8	9	10	11
Time (min.)	0807	0810	0813	0816		
Depth to Water (ft)	14.10	14.10	14.10	14.10		
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L		
Volume Purged (L)	6.9L	7.8L	8.7L	9.6L		
pH	5.91	5.91	5.92	5.91		
Temperature (°C)	16.8	17.1	17.2	17.3		
Conductivity (μmhos/cm)	88	82	84	84		
Dissolved Oxygen (mg/L)	0.19	0.20	0.20	0.20		
Turbidity (NTU)	3	3	3	3		
Eh (mv)	98	98	97	97		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: MW-NASB-212
WELL CONDITION: good

PROJECT NUMBER: 29600.47/7303
WELL LOCK STATUS: locked
WEATHER: cloudy, breezy, 45°F

GAUGE DATE: 11/11/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.96

GAUGE TIME: 1035
MEASUREMENT REF: top of pvc
WELL DIAMETER (in.): 2"

PURGE DATE: 11/11/97
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1039
FIELD PERSONNEL: KR/KC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 67.34
B. DEPTH TO WATER (ft): 10.79
C. LIQUID DEPTH (ft) (A-B): 56.55

D. WELL VOLUME/FT (L): 0.605
E. WELL VOLUME (L) (C*D): 34.21
F. THREE WELL VOLUMES (L) (E*3): 102.63

Parameter	Beginning	1	2	3	4	5
Time (min)	1042	1047	1050	1055	1100	1105
Depth to Water (ft)	10.79	10.82	10.84	10.84	10.83	10.83
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L	0.3L	0.3L
Volume Purged (L)	0.9L	2.4L	3.3L	4.8L	6.3L	7.8L
pH	6.67	6.64	6.61	6.62	6.63	6.64
Temperature (°C)	9.06	9.07	9.35	10.02	10.38	10.60
Conductivity (μmhos/cm)	131	132	132	133	134	135
Dissolved Oxygen (mg/L)	3.02	1.23	0.98	0.49	0.36	0.30
Turbidity (NTU)	154	55	38	23	13	6
Eh (mv)	170	~~55~~ 113	104	87	80	76

TOTAL QUANTITY OF WATER REMOVED (L): 12.3L

SAMPLERS: KR/KC
SAMPLING TIME (START/END): 1119/1120
SAMPLING DATE: 11/11/97
DECONTAMINATION FLUIDS USED: DI water
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: 1:1 HCl
SAMPLE BOTTLE IDs: BN-10-EP-MW014
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: Containerized 12.3L of purge water, and ran thru treatment plant.

pH check okay

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.911 7303	Date: 11/11/97
Well ID: MW-NASB-212	Field Personnel: KR/KC	

Parameter	6	7	8	9	10	11
Time (min.)	1108	1111	1114	1117		
Depth to Water (ft)	10.83	10.83	10.83	10.83		
Purge Rate (L/min)	0.3L	0.3L	0.3L	0.3L		
Volume Purged (L)	8.7L	9.4L	10.5L	11.4L		
pH	6.64	6.65	6.65	6.65		
Temperature (°C)	10.59	10.59	10.61	10.65		
Conductivity (μmhos/cm)	135	136	136	136		
Dissolved Oxygen (mg/L)	0.26	0.26	0.24	0.24		
Turbidity (NTU)	5	4	3	2		
Eh (mv)	73	71	68	67		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: P-105
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: overcast, 30°

GAUGE DATE: 11/4/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): 2.24

GAUGE TIME: 1230
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 1 3/4"

PURGE DATE: 11/4/97
PURGE METHOD: peristaltic pump
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1239
FIELD PERSONNEL: MC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 70.35
B. DEPTH TO WATER (ft): 11.31
C. LIQUID DEPTH (ft) (A-B): 59.04

D. WELL VOLUME/FT (L): 0.085
E. WELL VOLUME (L) (C*D): 5.02
F. THREE WELL VOLUMES (L) (E*3): 15.06

Parameter	Beginning	1	2	3	4	5
Time (min)	1244	1247	1250	1253	1256	1259
Depth to Water (ft)	*11.31	*				
Purge Rate (L/min)	0.2L	0.2L	0.2L	0.2L	0.2L	0.2L
Volume Purged (L)	1.0L	1.6L	2.2L	2.8L	3.4L	4.0L
pH	7.45	7.44	7.39	7.37	7.41	7.39
Temperature (°C)	5.24	5.92	6.00	6.13	6.40	6.44
Conductivity (μmhos/cm)	86	87	85	85	85	85
Dissolved Oxygen (mg/L)	8.10	6.91	6.48	6.17	6.15	6.15
Turbidity (NTU)	12	2	5	195	220	204
Eh (mv)	188	185	183	182	182	182

TOTAL QUANTITY OF WATER REMOVED (L): 10.4L

SAMPLERS: MC
SAMPLING TIME (START/END): 1330 | 1331
SAMPLING DATE: 11/4/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP MW034
SAMPLE PARAMETERS: VOCs by 8260

COMMENTS AND OBSERVATIONS: * unable to gauge dtw due to sample tubing. Containerized 10.4L of purge water, and ran thru treatment plant.
pH check OK

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47 7303	Date: 11/14/97	
Well ID: P-105	Field Personnel: KR/MC		

Parameter	6	7	8	9	10	11
Time (min.)	1305	1310	1315	1320	1325	1325
Depth to Water (ft)	*	*	*	*	*	SI powered, sampled
Purge Rate (L/min)	0.2L	0.2L	0.2L	0.2L	0.2L	
Volume Purged (L)	5.2L	6.2L	7.2L	8.2L	9.2L	
pH	7.39	7.39	7.40	7.39	7.41	
Temperature (°C)	6.52	6.53	6.46	6.47	6.47	
Conductivity (μmhos/cm)	85	86	84	84	84	
Dissolved Oxygen (mg/L)	5.92	5.79	5.69	5.59	5.50	JJ
Turbidity (NTU)	122	94	70	51	48	
Eh (mv)	180	180	179	178	178	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS * unable to gauge dtw, due to sample tubing.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: P-106
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: overcast, 30°

GAUGE DATE: 11/14/97
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): 2.53

GAUGE TIME: 827
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 11/14/97
PURGE METHOD: peristaltic pump
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 849
FIELD PERSONNEL: MC, SC
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): 71.06
B. DEPTH TO WATER (ft): 12.60
C. LIQUID DEPTH (ft) (A-B): 58.46

D. WELL VOLUME/FT (L): ~~0.605~~ 0.085
E. WELL VOLUME (L) (C*D): 4.97
F. THREE WELL VOLUMES (L) (E*3): 14.91

Parameter	Beginning	1	2	3	4	5
Time (min)	853	857	901	904	9,07	9,10
Depth to Water (ft)	*	*	*	*	*	*
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	0.8	1.6	2.4	3.0	3.6	4.2
pH	7.78	7.16	7.08	7.04	7.04	7.03
Temperature (°C)	5.9	6.7	6.9	6.9	7.0	7.0
Conductivity (μmhos/cm)	128	126	124	128	128	128
Dissolved Oxygen (mg/L)	4.11	2.95	2.93	2.76	2.56	2.29
Turbidity (NTU)	15	17	28	27	25	22
Eh (mv)	277	300	309	314	316	318

TOTAL QUANTITY OF WATER REMOVED (L): 7

SAMPLERS: MC, SC
SAMPLING TIME (START/END): 923/924
SAMPLING DATE: 11/14/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-MW032
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: * unable to gauge well due to sample tubing. added extra HCL

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Eastern Plume	Project No.: 29600.47	Date: 11/14/97
Well ID: P-106	Field Personnel: MC SC	

Parameter	6	7	8	9	10	11
Time (min.)	913	916	919			
Depth to Water (ft)	*	*	* 12.75			
Purge Rate (L/min)	0.2	0.2	0.2			
Volume Purged (L)	4.8	5.4	6.0			
pH	7.02	7.02	7.02			
Temperature (°C)	6.9	6.9	7.0			
Conductivity (μmhos/cm)	128	128	128			
Dissolved Oxygen (mg/L)	2.27	2.29	2.31			
Turbidity (NTU)	20	21	20			
Eh (mv)	321	323	325			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: EW-1
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft):

GAUGE TIME: 1033
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 6

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: NA
FIELD PERSONNEL: MC SC, KR CM
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): 13.55
C. LIQUID DEPTH (ft) (A-B): NA

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1035					
Depth to Water (ft)	13.55					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	6.80					
Temperature (°C)	5.91					
Conductivity (μmhos/cm)	1.20					
Dissolved Oxygen (mg/L)	SYG ~~11.6~~ 8.63					
Turbidity (NTU)	187					
Eh (mv)	-29					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC SC, KR CM
SAMPLING TIME (START/END): 1035/1036
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP R1001
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: 13 gpm

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: EW-2
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: Sbpe indicator
STICK UP/DOWN (ft): NA

GAUGE TIME: 1043
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 6

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: NA
FIELD PERSONNEL: MC, SC, KR, CM
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): 19.20
C. LIQUID DEPTH (ft) (A-B): NA
D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1045					
Depth to Water (ft)	19.20					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	6.86					
Temperature (°C)	6.57					
Conductivity (μmhos/cm)	107					
Dissolved Oxygen (mg/L)	6.81					
Turbidity (NTU)	7					
Eh (mv)	52					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC, SC, KR, CM
SAMPLING TIME (START/END): 1045/1046
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-R1002
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: 2 Sgpm

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: EW-3
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): NA

GAUGE TIME: 1053
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 6

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1055
FIELD PERSONNEL: MC, SC, KR, CM
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): 41.50
C. LIQUID DEPTH (ft) (A-B): NA
D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1055					
Depth to Water (ft)	41.50					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	7.17					
Temperature (°C)	6.78					
Conductivity (μmhos/cm)	85					
Dissolved Oxygen (mg/L)	9.62					
Turbidity (NTU)	1					
Eh (mv)	113					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC, SC, KR, CM
SAMPLING TIME (START/END): 1055
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-R1003
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: EW-4
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): NA

GAUGE TIME: 1106
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 6

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1110
FIELD PERSONNEL: MC, SC, KR, CM
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): 22.10
C. LIQUID DEPTH (ft) (A-B): NA

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1110					
Depth to Water (ft)	22.10					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	7.25					
Temperature (°C)	6.17					
Conductivity (μmhos/cm)	93					
Dissolved Oxygen (mg/L)	9.86					
Turbidity (NTU)	110					
Eh (mv)	130					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC, SC, KR, CM
SAMPLING TIME (START/END): 1110/1111
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-R1004
SAMPLE PARAMETERS: VOC

COMMENTS AND OBSERVATIONS: 17 gpm

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: EW-5
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: Slopeindicator
STICK UP/DOWN (ft): NA

GAUGE TIME: 1117
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 6

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1120
FIELD PERSONNEL: MC, SC, CM, KR
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): 29.45
C. LIQUID DEPTH (ft) (A-B): NA

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1120					
Depth to Water (ft)	29.45					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	7.35					
Temperature (°C)	6.62					
Conductivity (μmhos/cm)	69					
Dissolved Oxygen (mg/L)	8.12					
Turbidity (NTU)	146					
Eh (mv)	133					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC, SC, KR, CM
SAMPLING TIME (START/END): 1120/1121
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-10-EP-R100S
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: 1 gallon 3/min

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: GW-4
WELL CONDITION: good

PROJECT NUMBER: 29600.47.7363
WELL LOCK STATUS: locked
WEATHER: Overcast 40

GAUGE DATE: 11/19/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): NA

GAUGE TIME: 1021
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 6

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: NA
FIELD PERSONNEL: MC, SC, KR, CM
WELL MOUTH VOCs (ppm): Start: 10 End: 5

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): 27.30
C. LIQUID DEPTH (ft) (A-B): NA

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1025					
Depth to Water (ft)	27.30					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	6.10					
Temperature (°C)	12.91					
Conductivity (μmhos/cm)	757					
Dissolved Oxygen (mg/L)	3.46					
Turbidity (NTU)	146					
Eh (mv)	-24					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC, SC, KR, CM
SAMPLING TIME (START/END): 1025/1026
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, nitric acid
SAMPLE BOTTLE IDs: BN-10-S1-R002
SAMPLE PARAMETERS: VOC, TAL Elements

COMMENTS AND OBSERVATIONS: 1 gpm, but permanently shutoff after sampling

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: EW-7
WELL CONDITION: Good

PROJECT NUMBER: 29600.47.7303
WELL LOCK STATUS: locked
WEATHER: overcast, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft): NA

GAUGE TIME: 1005
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2 6

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: NA
FIELD PERSONNEL: MC, SC, KR, CM
WELL MOUTH VOCs (ppm): Start: 50 End: 10

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): 26.70
C. LIQUID DEPTH (ft) (A-B): NA

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1012					
Depth to Water (ft)	26.70					
Purge Rate (L/min)	—					
Volume Purged (L)	—					
pH	6.12					
Temperature (°C)	11.05					
Conductivity (μmhos/cm)	773					
Dissolved Oxygen (mg/L)	6.00					
Turbidity (NTU)	73					
Eh (mv)	-29					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: ~~Grab~~ MC, SC, KR, CM
SAMPLING TIME (START/END): 1012/1013

SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none

SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, nitric acid

SAMPLE BOTTLE IDs: BN-10-S1-R1001

SAMPLE PARAMETERS: VOC, TAL Elements

COMMENTS AND OBSERVATIONS: 1 gpm, but permanently shut off after sampling.

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Sites 1+3
WELL I.D.: Influent
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: NA
WEATHER: Sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: slope indication
STICK UP/DOWN (ft): NA

GAUGE TIME: 1200
MEASUREMENT REF: NA
WELL DIAMETER (in.): NA

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: NA End: NA

PURGE TIME: NA
FIELD PERSONNEL: NA
WELL MOUTH VOCs (ppm): Start: NA End: NA

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): NA
C. LIQUID DEPTH (ft) (A-B): NA
D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1200					
Depth to Water (ft)	NA					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	6.04					
Temperature (°C)	10.32					
Conductivity (μmhos/cm)	167					
Dissolved Oxygen (mg/L)	10.71					
Turbidity (NTU)	111					
Eh (mv)	309					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC
SAMPLING TIME (START/END): 1200
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, nitric acid
SAMPLE BOTTLE IDs: BN-10-S1-R1003
SAMPLE PARAMETERS: VOC TAL Elements

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: Influent
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: NA
WEATHER: Sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: NA
STICK UP/DOWN (ft): NA

GAUGE TIME: 1150
MEASUREMENT REF: ~~TOC~~ NA
WELL DIAMETER (in.): NA

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: NA End: NA

PURGE TIME: NA
FIELD PERSONNEL: NA
WELL MOUTH VOCs (ppm): Start: NA End: NA

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): NA
C. LIQUID DEPTH (ft) (A-B): NA

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1150					
Depth to Water (ft)	NA					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	6.82					
Temperature (°C)	9.13					
Conductivity (μmhos/cm)	104					
Dissolved Oxygen (mg/L)	9.83					
Turbidity (NTU)	1.8					
Eh (mv)	333					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC
SAMPLING DATE: 11/19/97
SAMPLE TYPE: Grab
SAMPLE BOTTLE IDs: BN-10-EP R1006
SAMPLE PARAMETERS: VOC, TAL Elements

SAMPLING TIME (START/END): 1150
DECONTAMINATION FLUIDS USED: none
SAMPLE PRESERVATIVES: HCL, ~~TAL El.~~ Nitric acid

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: Eastern Plume
WELL I.D.: Combined Effluent
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: NA
WEATHER: Sunny, 40°

GAUGE DATE: 11/19/97
SOUNDING METHOD: NA
STICK UP/DOWN (ft): NA

GAUGE TIME: 1140
MEASUREMENT REF: NA
WELL DIAMETER (in.): NA

PURGE DATE: 11/19/97
PURGE METHOD: NA
AMBIENT AIR VOCs (ppm) Start: NA End: NA

PURGE TIME: NA
FIELD PERSONNEL: NA
WELL MOUTH VOCs (ppm): Start: NA End: NA

WELL VOLUME

A. WELL DEPTH (ft): NA
B. DEPTH TO WATER (ft): NA
C. LIQUID DEPTH (ft) (A-B): NA

D. WELL VOLUME/FT (L): NA
E. WELL VOLUME (L) (C*D): NA
F. THREE WELL VOLUMES (L) (E*3): NA

Parameter	Beginning	1	2	3	4	5
Time (min)	1140					
Depth to Water (ft)	NA					
Purge Rate (L/min)	NA					
Volume Purged (L)	NA					
pH	6.82					
Temperature (°C)	11.08					
Conductivity (μmhos/cm)	121					
Dissolved Oxygen (mg/L)	16.14					
Turbidity (NTU)	0					
Eh (mv)	343					

TOTAL QUANTITY OF WATER REMOVED (L): NA

SAMPLERS: MC
SAMPLING TIME (START/END): 1140
SAMPLING DATE: 11/19/97
DECONTAMINATION FLUIDS USED: none
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: nitric acid ~~HCL~~, Na_2SO_3
SAMPLE BOTTLE IDs: BN-10-EP-TE001 duplicate BN-10-EP-TEXD1
SAMPLE PARAMETERS: VOC, TAL Elements
COMMENTS AND OBSERVATIONS: MS/MSD

Appendix A.3

Field Record of Surface Water and Sediment Sampling Forms

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1 and 3			Project Number: 29600.47/7303
Sample Location ID: SW/Sed 1			Date: November 6, 1997
Sampling Time: 1020-1045	~~Start~~: 1025 SW	~~End~~: 1040 Sed	Sample Team Members: KR/MC

SURFACE WATER INFORMATION

Type of Surface Water:
(X) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location 10" (~~ft~~) KR

Depth of Sample from Top of Water 2" (~~ft~~) KR

Equipment Used for Collection:
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____
(X) dedicated jar

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
(X) Temperature 8.39 °C
(X) Conductivity 190 µmhs/cm
(X) ph 6.13 units
(X) Dissolved oxygen 2.37 mg/L
(X) Turibidity 227 NTU
(X) Eh 90 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: (X) Field Duplicate Collected
Duplicate ID _____
(X) MS/MSD BN-10-S1-SWXD1

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
(X) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
(X) Discrete
( ) Composite

Sediment Type:
( ) Clay
(X) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
(X) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
(X) Potable Water
( ) None

Sample Observations:
(X) Odor None
(X) Color Brownish-Orange
( ) _____

Field QC Data: (X) Field Duplicate Collected
Duplicate ID BN-10-S1-SDXD1
(X) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	✓		✓	2.4L	✓	BN-10-S1-SW007
✓		✓		16oz	✓	BN-10-S1-SD007
				↑ MS/MSD		

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1 and 3			Project Number: 29600.47 / 7303
Sample Location ID: SW / Sed 2			Date: November 6, 1997
Sampling Time: 1000-1010	~~Start~~ 1005 SW	~~End~~: 1010 SD	Sample Team Members: MC / KR

SURFACE WATER INFORMATION

Type of Surface Water:
- (X) Stream
- ( ) River
- ( ) Pond/Lake
- ( ) Seep

Water Depth and Sample Location 1.5 (ft)

Depth of Sample from Top of Water 3" (in)

Equipment Used for Collection:
- ( ) None, Grab into Bottle
- ( ) Bomb Sampler
- ( ) Pump _____
- (X) Dedicated jar

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Hexane
- ( ) HNO_3 Solution
- ( ) Potable Water
- (X) None

Water Quality Parameters
- (X) Temperature 7.26 °C
- (X) Conductivity 301 µmhs/cm
- (X) ph 6.42 units
- (X) Dissolved oxygen 5.74 mg/L
- (X) Turibidity 0.7 NTU
- (X) Eh 86 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected, Duplicate ID _____; ( ) MS/MSD

Sample Location Sketch: ( ) Yes (X) No

Method Used: ( ) Winkler (X) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
- (X) Discrete
- ( ) Composite

Sediment Type:
- ( ) Clay
- (X) Sand, Coarse
- ( ) Organic
- ( ) Gravel

Equipment Used for Collection:
- (X) Gravity Corer
- ( ) Stainless Steel Split Spoon
- ( ) Dredge
- ( ) Hand Spoon/Trowel
- ( ) Aluminum Pans
- ( ) Stainless Steel Bucket
- ( ) Stainless Steel Auger
- ( ) _____

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Liquinox Solution
- ( ) Hexane
- ( ) HNO_3 Solution
- (X) Potable Water
- ( ) None

Sample Observations:
- (X) Odor None
- (X) Color Medium Brown
- ( ) _____

Field QC Data: ( ) Field Duplicate Collected, Duplicate ID _____; ( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	✓		✓	1.2L	✓	BN-10-S1-SW006
✓		✓		8oz	✓	BN-10-S1-SD006

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1 and 3			Project Number: 29600471 7303
Sample Location ID: SW/Sed 3			Date: November 6, 1997
Sampling Time: 0950-1005	Start: 0955 SW	End: 1000 Sed	Sample Team Members: KR/MC

SURFACE WATER INFORMATION

Type of Surface Water:
- (X) Stream
- ( ) River
- ( ) Pond/Lake
- ( ) Seep

Water Depth and Sample Location 6" ~~ft~~ m

Depth of Sample from Top of Water 3" ~~ft~~ m

Equipment Used for Collection:
- ( ) None, Grab into Bottle
- ( ) Bomb Sampler
- ( ) Pump _____
- (X) Dedicated jar

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Hexane
- ( ) HNO_3 Solution
- ( ) Potable Water
- (X) None

Water Quality Parameters
- (X) Temperature 6.73 °C
- (X) Conductivity 297 µmhs/cm
- (X) ph 6.60 units
- (X) Dissolved oxygen 7.11 mg/L
- (X) Turibidity 923 NTU
- (X) Eh 192 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected, Duplicate ID _____ ( ) MS/MSD

Sample Location Sketch:
- ( ) Yes
- (X) No

Method Used:
- ( ) Winkler
- (X) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
- (X) Discrete
- ( ) Composite

Sediment Type:
- ( ) Clay
- (X) Sand
- (X) Organic
- ( ) Gravel

Equipment Used for Collection:
- (X) Gravity Corer
- ( ) Stainless Steel Split Spoon
- ( ) Dredge
- ( ) Hand Spoon/Trowel
- ( ) Aluminum Pans
- ( ) Stainless Steel Bucket
- ( ) Stainless Steel Auger
- ( ) _____

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Liquinox Solution
- ( ) Hexane
- ( ) HNO_3 Solution
- (X) Potable Water
- ( ) None

Sample Observations:
- (X) Odor None
- (X) Color Dark brown
- ( ) _____

Field QC Data: ( ) Field Duplicate Collected, Duplicate ID _____ ( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	✓		✓	1.2L	✓	BN-10-S1-SW005
✓		✓		8oz	✓	BN-10-S1-SD005

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Site 1 and 3			Project Number: 29600.47/7303
Sample Location ID: SW/Sed 4			Date: November 6, 1997
Sampling Time: 0930-0945	Start: 0935	End: 0940	Sample Team Members: KR/MC

SW Sed.

SURFACE WATER INFORMATION

Type of Surface Water:
- (X) Stream
- ( ) River
- ( ) Pond/Lake
- ( ) Seep

Water Depth and Sample Location 1.0 (ft)

Depth of Sample from Top of Water 3"

Equipment Used for Collection:
- ( ) None, Grab into Bottle
- ( ) Bomb Sampler
- ( ) Pump
- (X) Dedicated jar

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Hexane
- ( ) HNO_3 Solution
- ( ) Potable Water
- (X) None

Water Quality Parameters
- (X) Temperature 7.31 °C
- (X) Conductivity 85 µmhs/cm
- (X) ph 6.60 units
- (X) Dissolved oxygen 10.51 mg/L
- (X) Turibidity 48 NTU
- (X) Eh 74 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected, Duplicate ID _____ ( ) MS/MSD

Sample Location Sketch: ( ) Yes (X) No

Method Used: ( ) Winkler (X) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
- (X) Discrete
- ( ) Composite

Sediment Type:
- ( ) Clay
- (X) Sand
- (X) Organic
- ( ) Gravel

Equipment Used for Collection:
- (X) Gravity Corer
- ( ) Stainless Steel Split Spoon
- ( ) Dredge
- ( ) Hand Spoon/Trowel
- ( ) Aluminum Pans
- ( ) Stainless Steel Bucket
- ( ) Stainless Steel Auger
- ( ) _____

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Liquinox Solution
- ( ) Hexane
- ( ) HNO_3 Solution
- (X) Potable Water
- (X) None

Sample Observations:
- (X) Odor None
- (X) Color Dark brown
- ( ) _____

Field QC Data: ( ) Field Duplicate Collected, Duplicate ID _____ ( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	✓		✓	1.2L	✓	BN-10-S1-SW004
✓		✓		8oz	✓	BN-10-S1-S0004

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1 and 3			Project Number: 29600.47/7303
Sample Location ID: SW/Sed 5			Date: November 6, 1997
Sampling Time: 0920-0930	~~Start:~~ 0925 SW	~~End:~~ 0930 Sed.	Sample Team Members: KR/MC

SURFACE WATER INFORMATION

Type of Surface Water:
(X) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location 2.0' (~~0~~)

Depth of Sample from Top of Water ~~[illegible]~~ 3" (~~0~~)

Equipment Used for Collection:
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump
(X) Dedicated Jar

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
( ) Temperature 7.47 °C
( ) Conductivity 96 µmhs/cm
( ) ph 6.73 units
( ) Dissolved oxygen 9.74 mg/L
( ) Turibidity 61 NTU
( ) Eh 124 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
(X) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
(X) Discrete
( ) Composite

Sediment Type:
( ) Clay
(X) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
(X) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
(X) Potable Water
(X) None KR

Sample Observations:
(X) Odor None
(X) Color Medium Brown, Some organic material
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	✓		✓	1.2L	✓	BN-10-S1-SW003
✓		✓		8 oz	✓	BN-10-S1-SD003

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1 and 3			Project Number: 29600.47 / 7303
Sample Location ID: SW / Sed 6			Date: November 6, 1997
Sampling Time: 0850-0905	Start: 0855 SW	End: 0900 Sed	Sample Team Members: KR / MC

SURFACE WATER INFORMATION

Type of Surface Water:
- (X) Stream
- ( ) River
- ( ) Pond/Lake
- ( ) Seep

Water Depth and Sample Location 1.0 (ft)

Depth of Sample from Top of Water 0.25 (ft)

Equipment Used for Collection:
- ( ) None, Grab into Bottle
- ( ) Bomb Sampler
- ( ) Pump _____
- (X) Dedicated jar

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Hexane
- ( ) HNO_3 Solution
- ( ) Potable Water
- (X) None

Water Quality Parameters
- (X) Temperature 7.27 °C
- (X) Conductivity 83 µmhs/cm
- (X) ph 6.73 units
- (X) Dissolved oxygen 10.69 mg/L
- (X) Turibidity 6.2 NTU
- (X) Eh 136 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
- ( ) Yes
- (X) No

Method Used:
- ( ) Winkler
- (X) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
- (X) Discrete
- ( ) Composite

Sediment Type:
- ( ) Clay
- (X) Sand
- ( ) Organic
- ( ) Gravel

Equipment Used for Collection:
- (X) Gravity Corer
- ( ) Stainless Steel Split Spoon
- ( ) Dredge
- ( ) Hand Spoon/Trowel
- ( ) Aluminum Pans
- ( ) Stainless Steel Bucket
- ( ) Stainless Steel Auger
- ( ) _____

Decontamination Fluids Used:
- ( ) Isopropyl Alcohol
- ( ) ASTM Type II Water
- ( ) Deionized Water
- ( ) Liquinox Solution
- ( ) Hexane
- ( ) HNO_3 Solution
- (X) Potable Water
- ( ) None

Sample Observations:
- (X) Odor None
- (X) Color Dark brown
- ( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	✓		✓	1.2L	✓	BN-10-S1-SW002
✓		✓		8 oz	✓	BN-10-S1-SD002

NOTES/SKETCH

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: Sites 1 and 3			Project Number: 29600.47 / 7303
Sample Location ID: SW / Sed 7			Date: November 6, 1997
Sampling Time: 0755-0810	~~Start~~: 0800 SW	~~End~~: 0805 Sed	Sample Team Members: KR / MC

SURFACE WATER INFORMATION

Type of Surface Water:
(X) Stream ( ) River
( ) Pond/Lake ( ) Seep

Water Depth and Sample Location 18" ~~(A)~~ KR

Depth of Sample from Top of Water 2" ~~(A)~~ KR

Equipment Used for Collection:
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____
(X) Dedicated jug

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
(X) None

Water Quality Parameters
(X) Temperature 6.86 °C
(X) Conductivity 84 µmhs/cm
(X) pH 6.84 units
(X) Dissolved oxygen 7.50 mg/L
(X) Turibidity 268 NTU
(X) Eh 68 mv

Velocity Measurements Obtained? (X) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
(X) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
(X) Discrete
( ) Composite

Sediment Type:
( ) Clay
(X) Sand
(X) Organic
( ) Gravel

Equipment Used for Collection:
(X) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
(X) Potable Water
( ) None

Sample Observations:
(X) Odor None
(X) Color medium to dark brown
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
✓	✓		✓	1.2L	✓	BN-10-S1-SW001
✓		✓		8 oz	✓	BN-10-S1-SD001

NOTES/SKETCH

Appendix D.1

Ground-Water Samples
Sites 1 and 3

APPENDIX D.1

SAMPLE KEY - SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Monitoring Wells	
SI-MW006	MW-202A
SI-MW015	MW-203
SI-MW011	MW-204
SI-MW012	MW-210B
SI-MW005	MW-210R
SI-MW008	MW-215R
SI-MW004	MW-216A
SI-MW007	MW-217A
SI-MW014	MW-217B
SI-MW013	MW-218
SI-MW009	MW-219
SI-MWXD2	MW-219 (DUP)
SI-MW010	MW-220
SI-MW003	MW-232A
SI-MWXD1	MW-232A (DUP)
SI-MW002	MW-234R
SI-MW001	MW-2101
Trip Blank	
S1-QT002	QT-002

Company Name: EA Engineering

Project Manager or Contact: Pete Nimmer

Phone: 914-565-8100

Project No. 22600.470

Project Name: NAS Brunswick LTMP Event 10

Dept.: 2192 Task: 7303

Sample Storage Location: L6

ATO Number: 5308

Page | of | Report #. 971730

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Report Deliverables: 1 2 3 4 D E

EDD: Yes/No Summary tables

DUE TO CLIENT: Hard copy due 12/8/97

EDD'S 12/22/97

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOCs by 8260 + TICS	TAL Metals 6010/7000		EA Labs Accession Number	Remarks
11/5/97	1513	X		BN-10-S1-MW001	3	X	X		9713322	LPM: ~~EA~~ Dave Brennan
11/5/97	1430	X		BN-10-S1-MW002	3	X	X		9713323	Project Summary No.: EAL-PS-004
11/6/97	850	X		BN-10-S1-MW003	3	X	X		9713324	VOCs by 8260 plus
11/6/97	945	X		BN-10-S1-MW004 MS/MSD	6	X			9713325	library search TAL
11/6/97	945	X		BN-10-S1-MW004 MS	2		X	9713325	~~9713326~~	Metals refer to
11/6/97	1100	X		BN-10-S1-MW005	3	X	X	9713326	~~9713327~~	Table 7-1 in QAPP
11/6/97	1320	X		BN-10-S1-MW006	3	X	X	9713327	~~9713328~~	
11/6/97	1433	X		BN-10-S1-MW007	3	X	X	9713328	~~9713329~~	samples OC starts
11/6/97	1505	X		BN-10-S1-MW008	3	X	X	9713329	~~9713330~~	with BN-10-S1-MW001
11/6/97	—	X		BN-10-S1-MWXD1	3	X	X	9713330	~~9713331~~	and ends with
11/7/97	0940	X		BN-10-S1-MW011	3	X	X	9713331	~~9713332~~	BN-10-S1-QT002.
11/7/97	1125	X		BN-10-S1-MW013	3	X	X	9713332	~~9713333~~	
11/7/97	1055	X		BN-10-S1-MW015	3	X	X	9713333	~~9713334~~	L127608
11/7/97	0935	X		BN-10-S1-MW009	3	X	X	9713334	~~9713335~~	Temp blank w/cooler
11/7/97	—	X		BN-10-S1-MWXD2	3	X	X	9713335	~~9713336~~	
11/7/97	1008	X		BN-10-S1-MW010	3	X	X	9713336	~~9713337~~	Please send
11/7/97	1105	X		BN-10-S1-MW012	3	X	X	9713337	~~9713338~~	summary packet to
11/7/97	1440	X		BN-10-S1-MW014	3	X	X	9713338	~~9713339~~	Sue in Brunswick,
11/5/97	1430	X		BN-10-S1-QT002	2	X		9713339	~~9713340~~	full data package to
									—	the Newburgh office.

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Karen A. Kuczynski	11/7/97 1500	Karen A. Kuczynski	11/7/97 1530	COC 001833	
Relinquished by: (Signature)	**Date/Time**	**Received by Laboratory: (Signature)**	**Date/Time**	**Airbill Number:**	
		[illegible signature]	11/8/97 1030		

Cooler Temp. 2.0 C pH: [X] Yes [ ] No Comments: Custody Seals Intact [ ] Yes [ ] No

Sample Shipped by: (Circle) Fed Ex. Puro. UPS Hand Carried Other:

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713327

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4284.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	6	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	
67-66-3	Chloroform	0.4	J
71-55-6	1,1,1-Trichloroethane	62	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	3	
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	3	
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	0.3	J
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	25	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713327

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4284.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	2	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713327

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4284.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.86	1	JN
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
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27.				
28.				
29.				
30.				

sim H 12/15/97

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MW006DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713327DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4315.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
67-64-1	Acetone	25	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
75-34-3	1,1-Dichloroethane	8	D
78-93-3	2-Butanone	25	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	86	D
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	3	JD
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	4	JD
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	2	JD
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	29	D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW006DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713327DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4315.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	2	JD

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW006DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713327DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4315.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13327

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW006

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	147	B	N	P
7440-36-0	Antimony	2.9	B		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	72.3	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	118000		N	P
7440-47-3	Chromium	6.2	B		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	*N	P
7439-89-6	Iron	36900		N	P
7439-92-1	Lead	1.1	B	N	P
7439-95-4	Magnesium	15100		N	P
7439-96-5	Manganese	2620			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	14.7	B		P
7440-09-7	Potassium	3590		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	23000		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	15.0	B		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW015

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713333

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4298.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	0.3	J
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW015

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713333

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4298.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW015

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713333

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4298.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.86	2	JN
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cmd 12/15/97

EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13333

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW015

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	110	B	N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	31.3	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	84300		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	*N	P
7439-89-6	Iron	52.0	U	N	P
7439-92-1	Lead	1.0	B	N	P
7439-95-4	Magnesium	22700		N	P
7439-96-5	Manganese	32.6			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	3900		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	29800		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PL 12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW011

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713331

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4296.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW011

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713331

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4296.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW011

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713331

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4296.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13331

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW011

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	471		N	P
7440-36-0	Antimony	2.0	B		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	6.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.78	B	N	P
7440-70-2	Calcium	3870		N	P
7440-47-3	Chromium	72.9			P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	43.2		*N	P
7439-89-6	Iron	1230		N	P
7439-92-1	Lead	1.4	B	N	P
7439-95-4	Magnesium	1320		N	P
7439-96-5	Manganese	45.2			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	48.8			P
7440-09-7	Potassium	612	B	N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	5580		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW012

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713337

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4302.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MW012

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713337

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4302.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW012

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713337

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4302.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	1	JN
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13337

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10 SI-MW012

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	206		N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	11.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	9990		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	* N	P
7439-89-6	Iron	1090		N	P
7439-92-1	Lead	1.0	U	N	P
7439-95-4	Magnesium	1380			P
7439-96-5	Manganese	827			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	2380		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	4180		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PL 12/30/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

040018

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713326

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4283.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713326

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4283.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713326

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4283.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	5	JN
2.				
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CWH 12/15/97

EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13326

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW005

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	280		N	P
7440-36-0	Antimony	2.3	B		P
7440-38-2	Arsenic	6.9	B		P
7440-39-3	Barium	24.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	11100		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	60.8		*N	P
7439-89-6	Iron	435		N	P
7439-92-1	Lead	1.8	B	N	P
7439-95-4	Magnesium	4060		N	P
7439-96-5	Manganese	19.6			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	8330	B	N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	291000		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PC 12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713329

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4286.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	0.5	J
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713329

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4286.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713329

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4286.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	6	JN
2.				
3.				
4.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13329

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10- SI-MW008

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.0	U	N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	10.7	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	7980		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	* N	P
7439-89-6	Iron	52.0	U	N	P
7439-92-1	Lead	1.8	B	N	P
7439-95-4	Magnesium	1580		N	P
7439-96-5	Manganese	1160			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	964	B	N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	17000		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PC 12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4280.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	3	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	2	
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	13	
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4280.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	7	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4280.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Dichlorodifluoromethane	3.02	3	JN
2. 556-67-2	Cyclotetrasiloxane, octameth	21.85	1	JN
3. 767-58-8	Indan, 1-methyl-	26.79	1	JN
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13325

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW004

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	102	B	N	P
7440-36-0	Antimony	2.8	B		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	8.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	27600		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	14.3	B		P
7440-50-8	Copper	5.0	U	*N	P
7439-89-6	Iron	156		N	P
7439-92-1	Lead	1.0	U	N	P
7439-95-4	Magnesium	7650		N	P
7439-96-5	Manganese	2090			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1910		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	15600		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713328

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4316.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713328

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4316.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713328

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4316.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13328

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW007

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	544		N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	30.4	B		P
7440-41-7	Beryllium	0.20	U	[illegible]	P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	32600		N	P
7440-47-3	Chromium	7.4	B		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	*N	P
7439-89-6	Iron	950		N	P
7439-92-1	Lead	1.0	U	N	P
7439-95-4	Magnesium	13500		N	P
7439-96-5	Manganese	10.7	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	2480		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	70200		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

[illegible] 12/1/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MW014

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713338

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4303.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	110	E
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	0.8	J
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	14	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	18	
71-43-2	Benzene	6	
79-01-6	Trichloroethene	0.8	J
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	3	
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	0.9	J
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW014

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713338

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4303.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	100	E
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	19	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW014

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713338

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4303.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 6

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Methane, chlorodifluoro-	2.98	16	JN
2. 75-43-4	Methane, dichlorofluoro-	4.56	2	JN
3. 60-29-7	Ether	5.59	5	JN
4. 1	Unknown	11.65	1	J
5.	Unknown C9H12 Benzene	23.93	1	J
6.	Unknown C10H12	26.79	1	J
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Comd 12/15/97

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW014DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713338DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4317.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	100	D
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
67-64-1	Acetone	50	U
75-35-4	1,1-Dichloroethene	10	U
75-09-2	Methylene Chloride	10	U
75-15-0	Carbon Disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
540-59-0	1,2-Dichloroethene (total)	12	D
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	17	D
71-43-2	Benzene	6	JD
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	10	U
124-48-1	Chlorodibromomethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylenes (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW014DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713338DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4317.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	130	D
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	18	D

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW014DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713338DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4317.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Methane, chlorodifluoro-	2.99	16	JN
2.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13338

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN10- SI-MW014

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1410		N	P
7440-36-0	Antimony	2.0	B		P
7440-38-2	Arsenic	18.6			P
7440-39-3	Barium	161	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	206000		N	P
7440-47-3	Chromium	10.9			P
7440-48-4	Cobalt	8.2	B		P
7440-50-8	Copper	5.0	U	*N	P
7439-89-6	Iron	29600		N	P
7439-92-1	Lead	1.5	B	N	P
7439-95-4	Magnesium	75700			P
7439-96-5	Manganese	4370			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	13.0	B		P
7440-09-7	Potassium	5760	B	N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	353000		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PL 12/30/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

040019

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MW013

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713332

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4297.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW013

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713332

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4297.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	0.5	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW013

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713332

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4297.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13332

boratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW013

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1110		N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	154			P
7440-39-3	Barium	6.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	12000		N	P
7440-47-3	Chromium	69.8			P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	246		*N	P
7439-89-6	Iron	5230		N	P
7439-92-1	Lead	2.0	B	N	P
7439-95-4	Magnesium	6880		N	P
7439-96-5	Manganese	663			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	41.2			P
7440-09-7	Potassium	8230		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	227000		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	21.4			P

PL 12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW009

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713334

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4299.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW009

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713334

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4299.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW009

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713334

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4299.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13334

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW009

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	230		N	P
7440-36-0	Antimony	2.2	B		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	5.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	9230		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	125		* N	P
7439-89-6	Iron	403		N	P
7439-92-1	Lead	1.0	U	N	P
7439-95-4	Magnesium	3130		N	P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1140		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	7130		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MWXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713335

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4300.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MWXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713335

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4300.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MWXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713335

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4300.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.86	1	J N
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DMH 12/15/97

EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13335

boratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MWXD2

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	376		N	P
7440-36-0	Antimony	2.6	B		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	9110		N	P
7440-47-3	Chromium	5.9	B		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	*N	P
7439-89-6	Iron	676		N	P
7439-92-1	Lead	3.3		N	P
7439-95-4	Magnesium	3210			P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	10.8	B		P
7440-09-7	Potassium	1370		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	7610		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PC 12/30/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

040016

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MW010

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713336

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4301.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW010

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713336

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4301.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW010

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713336

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4301.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13336

boratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN10-SI-MW010

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	282		N	P
7440-36-0	Antimony	1.2	B		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	5.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	11200		N	P
7440-47-3	Chromium	8.6	B		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	40.5		*N	P
7439-89-6	Iron	521		N	P
7439-92-1	Lead	1.0	U	N	P
7439-95-4	Magnesium	5040			P
7439-96-5	Manganese	38.0			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1800		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	19100		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PL 12/30/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713324

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4305.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713324

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4305.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713324

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4305.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	1	JN
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13324

boratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW003

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	62.6	B	N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	21.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	36300		N	P
7440-47-3	Chromium	8.3	B		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	23.6		*N	P
7439-89-6	Iron	116		N	P
7439-92-1	Lead	1.0	U	N	P
7439-95-4	Magnesium	16500		N	P
7439-96-5	Manganese	8.6	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	10.8	B		P
7440-09-7	Potassium	2970		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	45400		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PL 12/15/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1MWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713330

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4295.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713330

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4295.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713330

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4295.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13330

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10- SI-MWXD1

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	87.0	B	N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	25.7	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	41100		N	P
7440-47-3	Chromium	14.4			P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	92.8		* N	P
7439-89-6	Iron	183		N	P
7439-92-1	Lead	1.0	B	N	P
7439-95-4	Magnesium	18700		N	P
7439-96-5	Manganese	11.1	B		P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	22.4	B		P
7440-09-7	Potassium	3280		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	50800		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.3	B		P

12/1/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
"CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713323

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4278.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	29	
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	620	E
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713323

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4278.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713323

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4278.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713323DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4314.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
67-64-1	Acetone	100	U
75-35-4	1,1-Dichloroethene	20	U
75-09-2	Methylene Chloride	20	U
75-15-0	Carbon Disulfide	20	U
75-34-3	1,1-Dichloroethane	20	U
78-93-3	2-Butanone	530	D
540-59-0	1,2-Dichloroethene (total)	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
107-06-2	1,2-Dichloroethane	20	U
71-43-2	Benzene	20	U
79-01-6	Trichloroethene	20	U
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
108-10-1	4-Methyl-2-Pentanone	100	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	20	U
124-48-1	Chlorodibromomethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylenes (total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713323DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4314.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713323DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4314.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13323

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10-SI-MW002

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.0	U	N	P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	6.4	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	8330		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	*N	P
7439-89-6	Iron	55.0	B	N	P
7439-92-1	Lead	1.2	B	N	P
7439-95-4	Magnesium	2400		N	P
7439-96-5	Manganese	119			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1080		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	32600		N	P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

PL 12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713322

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4277.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713322

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4277.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

IE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713322

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4277.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13322

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix: WATER

Client ID: BN-10- SI-MW001

Percent Solids: 0.0

Date Received: 11/08/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	142	B	N	P
7440-36-0	Antimony	1.6	B		P
7440-38-2	Arsenic	3.7	B		P
7440-39-3	Barium	37.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U	N	P
7440-70-2	Calcium	25000		N	P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U	* N	P
7439-89-6	Iron	387		N	P
7439-92-1	Lead	1.1	B	N	P
7439-95-4	Magnesium	5970		N	P
7439-96-5	Manganese	15.6			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	2960		N	P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	4.0	U	N	P
7440-23-5	Sodium	7770		N	P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

R 12/18/97

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713339

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4318.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713339

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4318.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QT002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713339

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4318.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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Appendix D.2

Ground-Water Samples
Eastern Plume

APPENDIX D.2

SAMPLE KEY - EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Ground-Water Samples	
EP-MW036	MW-105A
EP-MW010	MW-105B
EP-MW027	MW-106
EP-MW002	MW-205
EP-MW007	MW-206A
EP-MW005	MW-206B
EP-MW035	MW-207A
EP-MW033	MW-207B
EP-MW029	MW-208
EP-MW018	MW-209
EP-MW016	MW-222
EP-MW012	MW-223
EP-MW021	MW-224
EP-MW003	MW-225A
EP-MWXD1	MW-225A (DUP)
EP-MW001	MW-225B
EP-MW022	MW-229A
EP-MWXD4	MW-229A (DUP)
EP-MW020	MW-229B
EP-MW008	MW-230A
EP-MW009	MW-231A
EP-MW006	MW-231B
EP-MW017	MW-303
EP-MWXD3	MW-303 (DUP)
EP-MW023	MW-305
EP-MW013	MW-306
EP-MW015	MW-307
EP-MW028	MW-308
EP-MW026	MW-309A
EP-MW024	MW-309B
EP-MW004	MW-310

APPENDIX D.2 (Continued)

Sample Designation	Sample Station
Ground-Water Samples (Continued)	
EP-MW031	MW-311
EP-MWXD5	MW-311 (DUP)
EP-MW025	MW-313
EP-MW019	MW-318
EP-MW030	MW-319
EP-MW011	MW-1104
EP-MWXD2	MW-1104 (DUP)
EP-MW034	P-105
EP-MW032	P-106
EP-MW014	MW-NASB-212
Trip Blanks	
EP-QT003	QT-003
EP-QT004	QT-004
EP-QT005	QT-005

L12760, 971723

Company Name: EA Engineering Brunswick	Project Manager or Contact: Pete Nimmer Phone: 914-565-8100
Project No. 29600.47 Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: VOA	ATO Number: 5308
Page of	Report #. 971754

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Report Deliverables: 1 2 3 (4) (D) E

EDD: (Yes)/No Summary Tables

DUE TO CLIENT: Hardcopy 12/12/97

EDD - 12/26/97

Parameters/Method Numbers for Analysis

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOC by 8260 FTICS		EA Labs Accession Number	Remarks
11/10/97	0850	X		BN-10-EP-MW001	2	X		9713526	LPM: ~~M&E~~ A David Brennan
11/10/97	0946	X		BN-10-EP-MW003	2	X		9713527	Project Summary No.: EAL-PS-064
11/10/97	1225	X		BN-10-EP-MW005	2	X		9713528	VOC by 8260 plus
11/10/97	1030	X		BN-10-EP-MW007	2	X		9713529	library Search
11/10/97	1000	X		BN-10-EP-MW002	2	X		9713530	
11/10/97	1045	X		BN-10-EP-MW004 MS/MSD	6	X	MS/MSD This sample	9713531	Sample SDG started
11/10/97	1253	X		BN-10-EP-MW008	2	X		9713532	w/ BN-10-EP-MW001
11/10/97	1400	X		BN-10-EP-MW010	2	X		9713533	and ends with
11/10/97	1409	X		BN-10-EP-MW006	2	X		9713534	BN-10-EP-MW015
11/10/97	1440	X		BN-10-EP-MW012	2	X		9713535	
11/10/97	1435	X		BN-10-EP-MW009	2	X		9713536	Summary report
11/10/97	0850	X		BN-10-EP-QT003	2	X		9713537	to Brunswick
11/11/97	0817	X		BN-10-EP-MW011	2	X	—	9713538	
11/10/97	—	X		BN-10-EP-MWXD1	2	X		9713539	temp blank w/
11/11/97	—	X		BN-10-EP-MWXD2	2	X	—	9713540	cooler
11/11/97	1021	X		BN-10-EP-MW013	2	X	—	9713541	L12789
11/11/97	1119	X		BN-10-EP-MW014	2	X		9713542	Please call
11/11/97	1500	X		BN-10-EP-MW015	2	X		9713543	Sue or Karen
									w/ questions.
									CC0001858

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Tim	Received by: (Signature)	Date/Time
Karen A. Rubzik	11/11/97 1505	Karen A. Rubzik	11/11/97 1530		
Relinquished by: (Signature)	Date/Tim	Received by Laboratory: (Signatur)	Date/Time	Airbill Numb r:	Sample Shipped by: (Circle)
		[signature]	11/12/97 1000		(Fed Ex.) Puro. UPS

Cooler Temp. 4 C pH: ☐ Yes ☒ No Comments: Custody Seals Intact ☐ Yes ☐ No

Hand Carried

Other:

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Company Name: EA Engineering
Project Manager or Contact: Pete Nimmer
Phone: 914-565-8100
Project No. 29600.47
Project Name: NAS Brunswick
Dept.: 2192 Task: 7303
LTMP Event 10
Sample Storag Location: VOA Walkin
ATO Number: 5308
Page 1 of 1
Report #. 971789

Report Deliverables: 1 2 3 (4) (D) E
EDD: (Yes)/No Summary Tables
DUE TO CLIENT: Hardcopy 12/15/97
EDD Due: 12/29/97

Parameters/Method Numbers for Analysis

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOC 8260+TICS	EA Labs Accession Number	Remarks
11/12/97	1058	X		BN-10-EP-MW016 MS/MSD	6	X	9713819	LPM: ~~MEA~~ David Brennan
11/12/97	0835	X		BN-10-EP-MW017	2	X	9713820	Project Summary No.: EAL-PS-064
11/12/97	1145	X		BN-10-EP-MW018	2	X	9713821	VOC by 8260 plus
11/12/97	1053	X		BN-10-EP-MW019	2	X	9713822	library search
11/12/97	1158	X		BN-10-EP-MW021	2	X	9713823	
11/12/97	—	X		BN-10-EP-MWXD3	2	X	9713824	SDG # BN-10-EP-MW016
11/13/97	1355	X		BN-10-EP-MW025	2	X	9713825	Starts w/ Sample
11/13/97	1029	X		BN-10-EP-MW023	2	X	9713826	BN-10-EP-MW016
11/13/97	1212	X		BN-10-EP-MW024	2	X	9713827	and ends w/
11/13/97	1315	X		BN-10-EP-MW028	2	X	9713828	sample BN-10-EP-MW029.
11/13/97	—	X		BN-10-EP-MWXD4	2	X	9713829	
11/13/97	1043	X		BN-10-EP-MW022	2	X	9713830	Summary report
11/13/97	1230	X		BN-10-EP-MW026	2	X	9713831	to Brunswick
11/12/97	0835	X		BN-10-EP-QT004	2	X	9713832	
11/13/97	1025	X		BN-10-EP-MW020	2	X	9713833	temp blank w/
11/13/97	1430	X		BN-10-EP-MW027	2	X	9713834	cooler
11/13/97	1455	X		BN-10-EP-MW029	2	X	9713835	L12830
							—	If you have any
								questions, please
								call Sue or Karen

C0001892

L12789, 971754

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Karen A. Ruszyk	11/13/97 1505	Karen A. Ruszyk	11/13/97 1530		
Relinquished by: (Signature)	**Date/Time**	**Received by Laboratory: (Signature)**	**Date/Time**	**Airbill Number:**	**Sample Shipped by: (Circle)**
		[signature]	11/14/97 9:30	800607572289	(Fed Ex.) Puro. UPS

Cooler Temp. 2.0° C pH: ☐ Yes ☑ No Comments: Custody Seals Intact ☐ Yes ☐ No
Hand Carried
Other:

NOTE: Please indicate method number for analyses requested. This will help clarify any questions [illegible] laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

L12789 971754

Company Name: EA Engineering	Project Manager or Contact: Pete Nimmer Phone: 914-565-8100
Project No. 29600.47 Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: B4	ATO Number: 5308
Page of	Report #. 971808

Parameters/Method Numbers for Analysis

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Report Deliverables: 1 2 3 (4) (D) E

EDD: (Yes)/No Summary Tables

DUE TO CLIENT: Hardcopy - 12/17/97

EDD - 12/31/97

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOC by 8260 + TICS											EA Labs Accession Number	Remarks
															9713990			
11/14/97	955	X		BN-10-EP-MW030 MS/MSD	6	X			MS/MSD this sample								~~[illegible]~~	LPM: ~~MEA~~ David Brennan
11/14/97	1158	X		BN-10-EP-MW031	2	X									9713991		~~[illegible]~~	Project Summary No.: EAL-PS-064
11/14/97	923	X		BN-10-EP-MW032	2	X									9713992		~~[illegible]~~	VOC by 8260
11/14/97	1550	X		BN-10-EP-MW033	2	X									9713993		~~[illegible]~~	plus library
11/14/97	1330	X		BN-10-EP-MW034	2	X									9713994		~~[illegible]~~	Search
11/14/97	1543	X		BN-10-EP-MW035	2	X									9713995		~~[illegible]~~	
11/14/97	1407	X		BN-10-EP-MW036	2	X									9713996		~~[illegible]~~	SDG# BN-10-EP-MW030
11/14/97	—	X		BN-10-EP-MWXP5	2	X									9713997		~~[illegible]~~	starts with sample
11/14/97	923	X		BN-10-EP-QT005	2	X									9713998		~~[illegible]~~	BN-10-EP-MW030
																		and ends with
																		sample BN-10-EP-QT005
																		Summary report to
																		Brunswick
																		Tempblank
																		Withcooter
																		~~L12789~~
																		L12837

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Suzanne Chase	11/14/97 1555	Suzanne Chase	11/14/97 1700		
Relinquished by: (Signature)	**Date/Time**	**Received by Laboratory: (Signature)**	**Date/Time**	**Airbill Number:**	**Sample Shipped by: (Circle)**
		Archer	11/17/97 0945	800607572278	(Fed Ex) Puro. UPS

Cooler Temp. 2 C pH: ☐ Yes ☒ No Comments: Custody Seals Intact ☒ Yes ☐ No

Hand Carried

Other:

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager Shaded Areas for Lab Use Only

020001

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW036

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713996

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4608.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW036

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713996

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4608.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW036

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713996

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4608.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW010

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713533

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4678.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW010

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713533

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4678.D

L vel: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW010

Lab Nam : EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713533

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4678.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.20	4	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW027

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713834

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4753.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW027

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713834

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4753.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW027

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713834

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4753.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713530

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4686.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	18	
75-09-2	Methylene Chloride	1	J
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	0.6	J
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	0.4	J
71-55-6	1,1,1-Trichloroethane	130	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	110	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	11	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713530

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4686.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713530

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4686.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	5.88	4	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713530DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4685.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
67-64-1	Acetone	50	U
75-35-4	1,1-Dichloroethene	13	D
75-09-2	Methylene Chloride	10	U
75-15-0	Carbon Disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
540-59-0	1,2-Dichloroethene (total)	14	D
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	170	D
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	95	D
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	9	JD
124-48-1	Chlorodibromomethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylenes (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/wat r) WATER Lab Sample ID: 9713530DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4685.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713529

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4684.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	2	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	5	
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713529

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4684.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713529

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4684.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octamethyl-	22.20	1	JN
2.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713528

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5331.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713528

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5331.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713528

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5331.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.20	2	JN
2.				
3.				
4.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW035

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG – Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713995

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4607.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	3	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	5	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	31	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	47	E
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

000133

FORM I VOA

3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW035

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG – Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713995

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4607.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW035

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713995

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4607.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW035DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713995DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4596.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	20	U
75-01-4	Vinyl Chloride	20	U
74-83-9	Bromomethane	20	U
75-00-3	Chloroethane	20	U
67-64-1	Acetone	100	U
75-35-4	1,1-Dichloroethene	20	U
75-09-2	Methylene Chloride	20	U
75-15-0	Carbon Disulfide	20	U
75-34-3	1,1-Dichloroethane	20	U
78-93-3	2-Butanone	100	U
540-59-0	1,2-Dichloroethene (total)	20	U
67-66-3	Chloroform	20	U
71-55-6	1,1,1-Trichloroethane	94	D
56-23-5	Carbon Tetrachloride	20	U
107-06-2	1,2-Dichloroethane	20	U
71-43-2	Benzene	20	U
79-01-6	Trichloroethene	66	D
78-87-5	1,2-Dichloropropane	20	U
75-27-4	Bromodichloromethane	20	U
108-10-1	4-Methyl-2-Pentanone	100	U
10061-01-5	cis-1,3-Dichloropropene	20	U
108-88-3	Toluene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	35	D
124-48-1	Chlorodibromomethane	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
1330-20-7	Xylenes (total)	20	U
100-42-5	Styrene	20	U
75-25-2	Bromoform	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW035DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713995DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4596.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U

FORM I VOA

030145

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW035DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713995DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4596.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec: _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 20.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW033

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713993

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4605.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

000099

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW033

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713993

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4605.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX-502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

030100
3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW033

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713993

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4605.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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030101

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW029

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713835

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4754.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	2	
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	0.8	J
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	9	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	11	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	17	
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	4	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW029

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713835

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4754.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW029

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713835

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4754.D

Level: (low/med) Date Received: 11/14/97

% Moisture: not dec. Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.20	4 X	J.N
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW018

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713821

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4735.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW018

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713821

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4735.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW018

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713821

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4735.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW016

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4564.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW016

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4564.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW016

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4564.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW012

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713535

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4680.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	0.5	J
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW012

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713535

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4680.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW021

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713823

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4565.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	0.6	J
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW021

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713823

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4565.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW021

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713823

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4565.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.86	4	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW021RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713823RE

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4568.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	0.5	J
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW021RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713823RE

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4568.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW021RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713823RE

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4568.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713527

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5330.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	13	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	5	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713527

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5330.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713527

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5330.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.21	2	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713539

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4683.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	14	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	5	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	8	
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713539

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4683.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713526

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5329.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713526

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5329.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/22/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW022

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713830

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4750.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	3	
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	65	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	48	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	4	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW022

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713830

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4750.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW022

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713830

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4750.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 1	Unknown	5.90	1	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW022DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713830DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4867.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
67-64-1	Acetone	25	U
75-35-4	1,1-Dichloroethene	3	JD
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
75-34-3	1,1-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
540-59-0	1,2-Dichloroethene (total)	8	D
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	62	D
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	47	D
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	4	JD
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW022DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713830DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4867.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW022DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713830DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4867.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713829

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4749.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	3	
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	67	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	48	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	4	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713829

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4749.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMWXD4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713829

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4749.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD4DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713829DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4866.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
67-64-1	Acetone	25	U
75-35-4	1,1-Dichloroethene	3	JD
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
75-34-3	1,1-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
540-59-0	1,2-Dichloroethene (total)	8	D
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	64	D
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	48	D
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	4	JD
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD4DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713829DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4866.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMWXD4DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713829DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4866.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW020

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713833

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4752.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW020

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713833

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4752.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW020

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713833

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4752.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713532

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4677.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713532

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4677.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW009

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713536

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4681.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW009

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713536

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4681.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW009

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713536

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4681.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.21	1	JN
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713534

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4679.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/wat r) WATER Lab Sample ID: 9713534

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4679.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW017

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713820

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4736.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW017

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713820

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4736.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW017

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713820

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4736.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.24	2	J.✓
2.				
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C: MH 12/15/97

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713824

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4569.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMWXD3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713824

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4569.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMWXD3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713824

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4569.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW023

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713826

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4574.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW023

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713826

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4574.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW023

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713826

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4574.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.84	1	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW013

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713541

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4711.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	18	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	54	E
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	130	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	70	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	0.4	J
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW013

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713541

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4711.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW013

Lab Nam : EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713541

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4711.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.21	5	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW013DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713541DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4614.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/29/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
67-64-1	Acetone	50	U
75-35-4	1,1-Dichloroethene	10	U
75-09-2	Methylene Chloride	10	U
75-15-0	Carbon Disulfide	10	U
75-34-3	1,1-Dichloroethane	15	D
78-93-3	2-Butanone	50	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	140	D
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	52	D
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	10	U
124-48-1	Chlorodibromomethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylenes (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW013DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713541DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4614.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/29/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW013DL

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 9713541DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4614.D

Level: (low/med) Date Received: 11/12/97

% Moisture: not dec. Date Analyzed: 11/29/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.84	15	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW015

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713543

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4713.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW015

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713543

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4713.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW015

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713543

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4713.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.20	4	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW028

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713828

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4576.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW028

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713828

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4576.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW028

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713828

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4576.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	6	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW026

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713831

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4751.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW026

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713831

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4751.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW026

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713831

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4751.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW024

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713827

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4575.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW024

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713827

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4575.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW024

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713827

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4575.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	9	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4674.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	0.7	J
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4674.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW031

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713991

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4588.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	600	E
75-09-2	Methylene Chloride	18	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	67	E
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	15	
67-66-3	Chloroform	4	
71-55-6	1,1,1-Trichloroethane	530	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	15	
71-43-2	Benzene	4	
79-01-6	Trichloroethene	420	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	8	
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	46	E
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW031

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713991

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4588.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW031

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713991

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4588.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW031DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713991DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4835.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 250.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
67-64-1	Acetone	1300	U
75-35-4	1,1-Dichloroethene	250	U
75-09-2	Methylene Chloride	250	U
75-15-0	Carbon Disulfide	250	U
75-34-3	1,1-Dichloroethane	250	U
78-93-3	2-Butanone	1300	U
540-59-0	1,2-Dichloroethene (total)	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	5800	D
56-23-5	Carbon Tetrachloride	250	U
107-06-2	1,2-Dichloroethane	250	U
71-43-2	Benzene	250	U
79-01-6	Trichloroethene	940	D
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
108-10-1	4-Methyl-2-Pentanone	1300	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
591-78-6	2-Hexanone	1300	U
127-18-4	Tetrachloroethene	250	U
124-48-1	Chlorodibromomethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
1330-20-7	Xylenes (total)	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW031DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713991DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4835.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 250.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW031DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713991DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4835.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 250.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713997

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4595.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	610	E
75-09-2	Methylene Chloride	19	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	65	E
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	14	
67-66-3	Chloroform	4	
71-55-6	1,1,1-Trichloroethane	570	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	4	
79-01-6	Trichloroethene	470	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	8	
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	43	E
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713997

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4595.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMWXD5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713997

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4595.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMWXD5DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713997DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4836.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 250.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	250	U
74-83-9	Bromomethane	250	U
75-00-3	Chloroethane	250	U
67-64-1	Acetone	1300	U
75-35-4	1,1-Dichloroethene	310	D
75-09-2	Methylene Chloride	250	U
75-15-0	Carbon Disulfide	250	U
75-34-3	1,1-Dichloroethane	250	U
78-93-3	2-Butanone	1300	U
540-59-0	1,2-Dichloroethene (total)	250	U
67-66-3	Chloroform	250	U
71-55-6	1,1,1-Trichloroethane	6100	D
56-23-5	Carbon Tetrachloride	250	U
107-06-2	1,2-Dichloroethane	250	U
71-43-2	Benzene	250	U
79-01-6	Trichloroethene	1300	D
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
108-10-1	4-Methyl-2-Pentanone	1300	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
591-78-6	2-Hexanone	1300	U
127-18-4	Tetrachloroethene	250	U
124-48-1	Chlorodibromomethane	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
1330-20-7	Xylenes (total)	250	U
100-42-5	Styrene	250	U
75-25-2	Bromoform	250	U
79-34-5	1,1,2,2-Tetrachloroethane	250	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMWXD5DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713997DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4836.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 250.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	250	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMWXD5DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713997DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4836.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 250.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW025

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713825

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4573.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	0.7	J
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW025

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713825

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4573.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW025

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713825

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4573.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.86	3	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW019

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713822

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4734.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW019

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713822

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4734.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW019

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713822

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4734.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW030

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4585.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	0.9	J
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	22	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	33	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	48	E
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW030

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4585.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW030

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4585.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW030DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4609.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	2	U
75-01-4	Vinyl Chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	2	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	2	U
75-09-2	Methylene Chloride	2	U
75-15-0	Carbon Disulfide	2	U
75-34-3	1,1-Dichloroethane	2	U
78-93-3	2-Butanone	10	U
540-59-0	1,2-Dichloroethene (total)	20	
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	11	D
56-23-5	Carbon Tetrachloride	2	U
107-06-2	1,2-Dichloroethane	2	U
71-43-2	Benzene	2	U
79-01-6	Trichloroethene	32	D
78-87-5	1,2-Dichloropropane	2	U
75-27-4	Bromodichloromethane	2	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	43	D
124-48-1	Chlorodibromomethane	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
1330-20-7	Xylenes (total)	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW030DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4609.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW030DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4609.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.86	6	JN
2.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW011

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713538

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4709.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	0.3	J
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	4	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	0.4	J
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	
1330-20-7	Xylenes (total)	2	
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW011

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713538

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4709.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW011

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713538

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4709.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.21	2	JN
2. 91-20-3	Naphthalene	30.14	1	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMWXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713540

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4710.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	4	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	0.4	J
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	
1330-20-7	Xylenes (total)	2	
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMWXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713540

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4710.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMWXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713540

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4710.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.20	3	JN
2. 91-20-3	Naphthalene	30.14	1	JN
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW034

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713994

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4591.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	200	E
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	45	E
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	14	
67-66-3	Chloroform	1	
71-55-6	1,1,1-Trichloroethane	330	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	
79-01-6	Trichloroethene	270	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	3	
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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FORM I VOA

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW034

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713994

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4591.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW034

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713994

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4591.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW034DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713994DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4612.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 200.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	200	U
75-01-4	Vinyl Chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	200	U
67-64-1	Acetone	1000	U
75-35-4	1,1-Dichloroethene	160	JD
75-09-2	Methylene Chloride	200	U
75-15-0	Carbon Disulfide	200	U
75-34-3	1,1-Dichloroethane	200	U
78-93-3	2-Butanone	1000	U
540-59-0	1,2-Dichloroethene (total)	200	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	1600	D
56-23-5	Carbon Tetrachloride	200	U
107-06-2	1,2-Dichloroethane	200	U
71-43-2	Benzene	200	U
79-01-6	Trichloroethene	360	D
78-87-5	1,2-Dichloropropane	200	U
75-27-4	Bromodichloromethane	200	U
108-10-1	4-Methyl-2-Pentanone	1000	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
591-78-6	2-Hexanone	1000	U
127-18-4	Tetrachloroethene	200	U
124-48-1	Chlorodibromomethane	200	U
108-90-7	Chlorobenzene	200	U
100-41-4	Ethylbenzene	200	U
1330-20-7	Xylenes (total)	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U

IA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW034DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713994DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4612.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 200.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW034DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713994DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4612.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 200.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q.
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW032

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713992

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4589.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	280	E
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	57	E
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	18	
67-66-3	Chloroform	2	
71-55-6	1,1,1-Trichloroethane	330	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	3	
79-01-6	Trichloroethene	300	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	3	
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	15	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW032

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713992

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4589.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW032

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713992

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4589.D

Level: (low/med) Date Received: 11/17/97

% Moisture: not dec. Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	7	JN
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW032DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713992DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4611.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 200.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	200	U
75-01-4	Vinyl Chloride	200	U
74-83-9	Bromomethane	200	U
75-00-3	Chloroethane	200	U
67-64-1	Acetone	1000	U
75-35-4	1,1-Dichloroethene	220	D
75-09-2	Methylene Chloride	200	U
75-15-0	Carbon Disulfide	200	U
75-34-3	1,1-Dichloroethane	200	U
78-93-3	2-Butanone	1000	U
540-59-0	1,2-Dichloroethene (total)	200	U
67-66-3	Chloroform	200	U
71-55-6	1,1,1-Trichloroethane	2300	D
56-23-5	Carbon Tetrachloride	200	U
107-06-2	1,2-Dichloroethane	200	U
71-43-2	Benzene	200	U
79-01-6	Trichloroethene	670	D
78-87-5	1,2-Dichloropropane	200	U
75-27-4	Bromodichloromethane	200	U
108-10-1	4-Methyl-2-Pentanone	1000	U
10061-01-5	cis-1,3-Dichloropropene	200	U
108-88-3	Toluene	200	U
10061-02-6	trans-1,3-Dichloropropene	200	U
79-00-5	1,1,2-Trichloroethane	200	U
591-78-6	2-Hexanone	1000	U
127-18-4	Tetrachloroethene	200	U
124-48-1	Chlorodibromomethane	200	U
108-90-7	Chlorobenzene	200	U
100-41-4	Ethylbenzene	200	U
1330-20-7	Xylenes (total)	200	U
100-42-5	Styrene	200	U
75-25-2	Bromoform	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW032DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713992DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4611.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 200.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U

020089

FORM I VOA

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW032DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713992DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4611.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/28/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 200.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW014

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713542

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4712.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	2	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	0.6	J
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	16	
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	0.5	J
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	0.8	J
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW014

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713542

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4712.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW014

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713542

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4712.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/25/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.20	3	JN
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPQT003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713537

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4682.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPQT003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713537

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4682.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPQT004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713832

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4570.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPQT004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713832

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4570.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPQT004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713832

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4570.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPQT005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713998

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4584.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPQT005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG — Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713998

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4584.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

030191

FORM I VOA

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPQT005

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713998

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4584.D

Level: (low/med) Date Received: 11/17/97

% Moisture: not dec. Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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030192

Appendix D.3

Aqueous Samples
Ground-Water Extraction and Treatment System

APPENDIX D.3

SAMPLE KEY - EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Ground-Water Treatment System Samples	
EP-RI001	EW-1
EP-RI002	EW-2
EP-RI003	EW-3
EP-RI004	EW-4
EP-RI005	EW-5
SI-RI002	EW-6
SI-RI001	EW-7
SI-RI003	INFLUENT (Sites 1 and 3)
EP-RI006	INFLUENT (Eastern Plume)
EP-TE001	EFFLUENT
EP-TEXD1	EFFLUENT (DUP)
Trip Blank	
SI-QT008	QT-008

L12762, 971730

Company Name: EA Engineering	Project Manager or Contact: Pete Nimmer Phone: 914-565-8100
Project No. 29600.47	Project Name: LTMP Event 10
Dept.: 2192 Task: 7303	
Sample Storage Location: 92/VOA	ATO Number: 5368
Page of	Report #. 971830

Parameters/Method Numbers for Analysis

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Report Deliverables: 1 2 3 (4) (D) E

EDD: (Yes)/No Summary Tables

DUE TO CLIENT: Hardcopy - 12/22/97 11/24/97

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOCs 8260+TICs	TAL Metals 6010/7000		EA Labs Accession Number	Remarks
11/19/97	1035	Y		BN-10-EP-R1001	2	Y		✓	9714098	LPM: ~~MEA~~ David Grenna
11/19/97	1045	Y		BN-10-EP-R1002	2	X		✓	9714099	Project Summary No.: EAL-PS-064
11/19/97	1055	Y		BN-10-EP-R1003	2	X		✓	9714100	VOCS by 8260 plus
11/19/97	1110	Y		BN-10-EP-R1004	2	X		✓	9714101	library search. TAL
11/19/97	1120	X		BN-10-EP-R1005	2	X		✓	9714102	Elements see Table
11/19/97	1150	Y		BN-10-EP-R1006	3	X	X	✓	9714103	7-1 in QAPP
11/19/97	1140	Y		BN-10-EP-TE001 MS/MSD	6	X		VOAS preserved w/ Na_2SO_3	9714104	
11/19/97	1140	Y		BN-10-EP-TE001 MS	2		X	9714104	9714105	samples Start and
11/19/97	—	Y		BN-10-EP-TE001	3	X	X	VOAS preserved w/ Na_2SO_3	9714105	end S.D.G. #
11/19/97	1012	X		BN-10-SI-R1001	3	X	X	11/19/97 ✓	9714106	BN-10-EP R1001
11/19/97	1025	X		BN-10-SI-R1002	3	X	X	11/19/97 ✓	9714107	
11/19/97	1200	X		BN-10-SI-R1003	3	X	X		9714108	Temp blank w/ cooler
11/19/97	1012	X		BN-10-SI-QT008	2	X		✓	9714109	
									—	MS/MSD on sample
										9714104
				Samples 9714104 and 9714105 should be						
				treated as unpreserved for 8260 - 7 day						hold time
										CC 11/25

Sampled by: (Signature) Karen A. Rudzka	Date/Time 11/19/97 1215	Relinquished by: (Signature) Karen A. Rudzka	Date/Time 11/19/97 1530	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Laboratory: (Signature) Dorothy [illegible]	Date/Time 11/20/97 10:00	Airbill Number: 8006372655546	Sample Shipped by: (Circle) Fed Ex. Puro. UPS Hand Carried Other:

Cooler Temp. 2.0 C pH: ☑ Yes ☐ No Comments: C-2 Custody Seals Intact ☑ Yes ☐ No

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager

Shaded Areas for Lab Use Only

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714098

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4844.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	4	
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	J
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	11	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	47	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	40	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	6	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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IA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714098

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4844.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714098

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4844.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1001DL

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9714098DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4830.D

Level: (low/med) Date Received: 11/20/97

% Moisture: not dec. Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
67-64-1	Acetone	25	U
75-35-4	1,1-Dichloroethene	4	JD
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
75-34-3	1,1-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
540-59-0	1,2-Dichloroethene (total)	10	D
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	42	D
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	38	D
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	6	D
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714098DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4830.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714098DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4830.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPR1002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714099

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4829.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	13	
75-09-2	Methylene Chloride	0.6	J
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	5	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	8	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	130	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	66	E
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	18	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714099

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4829.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714099

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4829.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714099DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4852.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
67-64-1	Acetone	50	U
75-35-4	1,1-Dichloroethene	11	D
75-09-2	Methylene Chloride	10	U
75-15-0	Carbon Disulfide	10	U
75-34-3	1,1-Dichloroethane	4	JD
78-93-3	2-Butanone	50	U
540-59-0	1,2-Dichloroethene (total)	7	JD
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	150	D
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	65	D
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	18	D
124-48-1	Chlorodibromomethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylenes (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPR1002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714099DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4852.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1002DL

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9714099DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4852.D

Level: (low/med) Date Received: 11/20/97

% Moisture: not dec. Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714100

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4847.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	13	~~U~~
71-55-6	1,1,1-Trichloroethane	0.7	J
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	7	
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	4	
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714100

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4847.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714100

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4847.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPR1004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714101

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4848.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	2	U
75-01-4	Vinyl Chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	2	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	43	~~E~~
75-09-2	Methylene Chloride	2	J
75-15-0	Carbon Disulfide	2	U
75-34-3	1,1-Dichloroethane	29	~~E~~
78-93-3	2-Butanone	10	U
540-59-0	1,2-Dichloroethene (total)	78	E
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	360	E
56-23-5	Carbon Tetrachloride	2	U
107-06-2	1,2-Dichloroethane	2	U
71-43-2	Benzene	2	U
79-01-6	Trichloroethene	220	E
78-87-5	1,2-Dichloropropane	2	U
75-27-4	Bromodichloromethane	2	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	6	
124-48-1	Chlorodibromomethane	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
1330-20-7	Xylenes (total)	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U

CH 12/24/97

FORM I VOA

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714101

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4848.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714101

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4848.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1004DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714101DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4832.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
67-64-1	Acetone	130	U
75-35-4	1,1-Dichloroethene	30	D
75-09-2	Methylene Chloride	25	U
75-15-0	Carbon Disulfide	25	U
75-34-3	1,1-Dichloroethane	21	JD
78-93-3	2-Butanone	130	U
540-59-0	1,2-Dichloroethene (total)	59	D
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	450	D
56-23-5	Carbon Tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	180	D
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
108-10-1	4-Methyl-2-Pentanone	130	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
591-78-6	2-Hexanone	130	U
127-18-4	Tetrachloroethene	25	U
124-48-1	Chlorodibromomethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
1330-20-7	Xylenes (total)	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1004DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714101DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4832.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1004DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714101DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4832.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPR1005

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9714102

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4849.D

Level: (low/med) Date Received: 11/20/97

% Moisture: not dec. Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	2	U
75-01-4	Vinyl Chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	2	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	21	
75-09-2	Methylene Chloride	2	U
75-15-0	Carbon Disulfide	2	U
75-34-3	1,1-Dichloroethane	16	
78-93-3	2-Butanone	10	U
540-59-0	1,2-Dichloroethene (total)	13	
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	190	E
56-23-5	Carbon Tetrachloride	2	U
107-06-2	1,2-Dichloroethane	2	U
71-43-2	Benzene	2	U
79-01-6	Trichloroethene	67	E
78-87-5	1,2-Dichloropropane	2	U
75-27-4	Bromodichloromethane	2	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	U
124-48-1	Chlorodibromomethane	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
1330-20-7	Xylenes (total)	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714102

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4849.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714102

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4849.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPR1005DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714102DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4833.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
67-64-1	Acetone	130	U
75-35-4	1,1-Dichloroethene	14	JD
75-09-2	Methylene Chloride	25	U
75-15-0	Carbon Disulfide	25	U
75-34-3	1,1-Dichloroethane	12	JD
78-93-3	2-Butanone	130	U
540-59-0	1,2-Dichloroethene (total)	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	140	D
56-23-5	Carbon Tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	50	D
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
108-10-1	4-Methyl-2-Pentanone	130	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
591-78-6	2-Hexanone	130	U
127-18-4	Tetrachloroethene	25	U
124-48-1	Chlorodibromomethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
1330-20-7	Xylenes (total)	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1005DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714102DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4833.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1005DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714102DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4833.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1R1002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714107

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4846.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0:53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	5	
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	25	
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	27	E
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	3	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	0.5	J
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	3	
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	0.6	J
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	8	
100-41-4	Ethylbenzene	8	
1330-20-7	Xylenes (total)	13	
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

cmt 12/21/97

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1R1002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714107

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4846.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	5	
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	29	E

LMH 12/24/97

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1R1002

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9714107

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4846.D

Level: (low/med) Date Received: 11/20/97

% Moisture: not dec. Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 6

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Methane, chlorodifluoro-	2.96	15	J N
2. 60-29-7	Ether	5.59	3	J N
3. 98-82-8	Benzene, (1-methylethyl)-	22.68	2	J N
4.	Unknown C9H12 Benzene	24.61	3	J
5.	Unknown C10H14 Benzene	27.73	1	J
6. 91-20-3	Naphthalene	30.14	1	J N
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Cmlt 12/24/97

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1R1002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714107DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4836.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
67-64-1	Acetone	130	U
75-35-4	1,1-Dichloroethene	25	U
75-09-2	Methylene Chloride	25	U
75-15-0	Carbon Disulfide	25	U
75-34-3	1,1-Dichloroethane	22	JD
78-93-3	2-Butanone	130	U
540-59-0	1,2-Dichloroethene (total)	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
56-23-5	Carbon Tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
108-10-1	4-Methyl-2-Pentanone	130	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
591-78-6	2-Hexanone	130	U
127-18-4	Tetrachloroethene	25	U
124-48-1	Chlorodibromomethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
1330-20-7	Xylenes (total)	15	JD
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1R1002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714107DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4836.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	34	D

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1R1002DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714107DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4836.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T14107

Laboratory: EA LABORATORIES

SDG No.: T14103

Matrix: WATER

Client ID: BN-10-S1-R1002

Percent Solids: 0.0

Date Received: 11/20/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	96.0	B		P
7440-36-0	Antimony	1.5	B		P
7440-38-2	Arsenic	2.5	B		P
7440-39-3	Barium	91.1	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	75600			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	14.2	B		P
7440-50-8	Copper	2.0	U		P
7439-89-6	Iron	141000			P
7439-92-1	Lead	2.1	B		P
7439-95-4	Magnesium	12200			P
7439-96-5	Manganese	3820			P
7439-97-6	Mercury	0.17	B		CV
7440-02-0	Nickel	6.0	B		P
7440-09-7	Potassium	6890			P
7782-49-2	Selenium	2.3	B		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	18400			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	21.2			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1R1001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714106

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4845.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	4	
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	27	E
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	28	E
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	4	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	3	
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	0.6	J
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	8	
1330-20-7	Xylenes (total)	13	
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

2/8/98

030213

FORM I VOA

3/90

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1R1001

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9714106

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4845.D

Level: (low/med) Date Received: 11/20/97

% Moisture: not dec. Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	6	
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	30	E

2/17/98

FORM I VOA

020214

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1R1001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714106

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4845.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 7

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 75-45-6	Methane, chlorodifluoro-	2.97	11	JN
2. 593-70-4	Methane, chlorofluoro-	3.49	4	JN
3. 60-29-7	Ether	5.60	3 ~~1~~	JN
4. 98-82-8	Benzene, (1-methylethyl)-	22.69	3	JN
5.	Unknown C9H12 Benzene	24.63	3	J
6.	Unknown C10H14 Benzene	27.77	1	J
7. 91-20-3	Naphthalene	30.16	1	JN
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CMH 12/24/97

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1R1001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714106DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4835.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
67-64-1	Acetone	130	U
75-35-4	1,1-Dichloroethene	25	U
75-09-2	Methylene Chloride	25	U
75-15-0	Carbon Disulfide	25	U
75-34-3	1,1-Dichloroethane	17	JD
78-93-3	2-Butanone	130	U
540-59-0	1,2-Dichloroethene (total)	25	U
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	25	U
56-23-5	Carbon Tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	25	U
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
108-10-1	4-Methyl-2-Pentanone	130	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
591-78-6	2-Hexanone	130	U
127-18-4	Tetrachloroethene	25	U
124-48-1	Chlorodibromomethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
1330-20-7	Xylenes (total)	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1R1001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714106DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4835.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	22	JD

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1R1001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714106DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4835.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T14106

Laboratory: EA LABORATORIES

SDG No.: T14103

Matrix: WATER

Client ID: BN-10-S1-R1001

Percent Solids: 0.0

Date Received: 11/20/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	101	B		P
7440-36-0	Antimony	1.2	B		P
7440-38-2	Arsenic	37.9			P
7440-39-3	Barium	91.7	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	78100			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	14.7	B		P
7440-50-8	Copper	11.6			P
7439-89-6	Iron	140000			P
7439-92-1	Lead	1.9	B		P
7439-95-4	Magnesium	13000			P
7439-96-5	Manganese	3960			P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	6.1	B		P
7440-09-7	Potassium	7110			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	25600			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	170			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1R1003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714108

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4868.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	5	
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	26	E
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	29	E
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	3	
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	3	
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	0.9	J
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylenes (total)	20	
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1R1003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714108

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4868.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	6	
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	33	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1R1003

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9714108

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4868.D

Level: (low/med) Date Received: 11/20/97

% Moisture: not dec. Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: ~~8~~ 17 CB 12/24/97 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown C9H12 BENZENE	24.35	1	J
2.	Unknown C10H14 BENZENE	25.90	1	J
3.	Unknown	26.20	1	J
4.	Unknown C10H14 BENZENE	26.63	1	J
5.	Unknown C10H14 BENZENE	26.85	1	J
6.	Unknown C10H14 BENZENE	27.74	1	J
7. 75-71-8	Dichlorodifluoromethane	2.98	8	N
8.	Ethyl Ether	5.00 ~~26.91~~	27	N
9. 98-82-8	Isopropylbenzene	22.69	3	N
10. 103-65-1	n-propylbenzene	23.51	2	N
11. 108-67-8	1,3,5-Trimethylbenzene	23.84	3	N
12. 95-63-6	1,2,4-Trimethylbenzene	24.62	14	N
13. 135-98-8	sec-butylbenzene	24.97	2	N
14. 99-87-6	p-isopropyltoluene	25.17	2	N
15.	1,2,3-Trimethylbenzene	25.58	5	N
16. 104-51-8	n-Butylbenzene	26.07	1	N
17. 91-20-3	Naphthalene	30.16	19	N
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1R1003DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714108DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4834.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	8	JD
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	D
67-64-1	Acetone	50	U
75-35-4	1,1-Dichloroethene	10	U
75-09-2	Methylene Chloride	10	U
75-15-0	Carbon Disulfide	10	U
75-34-3	1,1-Dichloroethane	16	D
78-93-3	2-Butanone	50	U
540-59-0	1,2-Dichloroethene (total)	5	JD
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	78	D
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	12	D
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	1	JD
124-48-1	Chlorodibromomethane	10	U
108-90-7	Chlorobenzene	2	JD
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylenes (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1R1003DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714108DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4834.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	4	JD
541-73-1	1,3-Dichlorobenzene	6	JD
106-46-7	1,4-Dichlorobenzene	6	JD

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1R1003DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714108DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4834.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T14108

Laboratory: EA LABORATORIES

SDG No.: T14103

Matrix: WATER

Client ID: BN-10-S1-R1003

Percent Solids: 0.0

Date Received: 11/20/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	182	B		P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	152			P
7440-39-3	Barium	38.7	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	27600			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	2.0	U		P
7439-89-6	Iron	41000			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	9400			P
7439-96-5	Manganese	1500			P
7439-97-6	Mercury	0.11	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	3160			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	61100			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	104			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPR1006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714103

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4850.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	2	U
75-01-4	Vinyl Chloride	2	U
74-83-9	Bromomethane	2	U
75-00-3	Chloroethane	2	U
67-64-1	Acetone	10	U
75-35-4	1,1-Dichloroethene	14	
75-09-2	Methylene Chloride	2	U
75-15-0	Carbon Disulfide	2	U
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	10	U
540-59-0	1,2-Dichloroethene (total)	24	
67-66-3	Chloroform	2	U
71-55-6	1,1,1-Trichloroethane	180	E
56-23-5	Carbon Tetrachloride	2	U
107-06-2	1,2-Dichloroethane	2	U
71-43-2	Benzene	2	U
79-01-6	Trichloroethene	79	
78-87-5	1,2-Dichloropropane	2	U
75-27-4	Bromodichloromethane	2	U
108-10-1	4-Methyl-2-Pentanone	10	U
10061-01-5	cis-1,3-Dichloropropene	2	U
108-88-3	Toluene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
79-00-5	1,1,2-Trichloroethane	2	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
1330-20-7	Xylenes (total)	2	U
100-42-5	Styrene	2	U
75-25-2	Bromoform	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714103

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4850.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714103

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4850.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 2.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1006DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714103DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4834.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	25	U
75-01-4	Vinyl Chloride	25	U
74-83-9	Bromomethane	25	U
75-00-3	Chloroethane	25	U
67-64-1	Acetone	130	U
75-35-4	1,1-Dichloroethene	12	JD
75-09-2	Methylene Chloride	25	U
75-15-0	Carbon Disulfide	25	U
75-34-3	1,1-Dichloroethane	25	U
78-93-3	2-Butanone	130	U
540-59-0	1,2-Dichloroethene (total)	21	JD
67-66-3	Chloroform	25	U
71-55-6	1,1,1-Trichloroethane	170	D
56-23-5	Carbon Tetrachloride	25	U
107-06-2	1,2-Dichloroethane	25	U
71-43-2	Benzene	25	U
79-01-6	Trichloroethene	73	D
78-87-5	1,2-Dichloropropane	25	U
75-27-4	Bromodichloromethane	25	U
108-10-1	4-Methyl-2-Pentanone	130	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-88-3	Toluene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	25	U
591-78-6	2-Hexanone	130	U
127-18-4	Tetrachloroethene	25	U
124-48-1	Chlorodibromomethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
1330-20-7	Xylenes (total)	25	U
100-42-5	Styrene	25	U
75-25-2	Bromoform	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPR1006DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714103DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4834.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPR1006DL

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9714103DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4834.D

Level: (low/med) Date Received: 11/20/97

% Moisture: not dec. Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 25.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T14103

Laboratory: EA LABORATORIES

SDG No.: T14103

Matrix: WATER

Client ID: BN-10-EP-R1006

Percent Solids: 0.0

Date Received: 11/20/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.0	U		P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	10300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	2.0	U		P
7439-89-6	Iron	150			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	3930			P
7439-96-5	Manganese	41.4			P
7439-97-6	Mercury	0.22	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1250			P
7782-49-2	Selenium	2.6	B		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPTE001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4745.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	3	
71-55-6	1,1,1-Trichloroethane	120	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPTE001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4745.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPTE001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4745.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BNEPTE001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4864.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
67-64-1	Acetone	50	U
75-35-4	1,1-Dichloroethene	10	U
75-09-2	Methylene Chloride	10	U
75-15-0	Carbon Disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	110	D
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	10	U
124-48-1	Chlorodibromomethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylenes (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BNEPTE001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4864.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BNEPTE001DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4864.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T14104

Laboratory: EA LABORATORIES

SDG No.: T14103

Matrix: WATER

Client ID: BN-10-EP-TE001

Percent Solids: 0.0

Date Received: 11/20/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.0	U		P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	10900			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.7	B		P
7439-89-6	Iron	53.0	U		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	4000			P
7439-96-5	Manganese	57.1			P
7439-97-6	Mercury	0.14	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1450			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	11800			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	21.7			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPTEXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714105

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4744.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	3	
71-55-6	1,1,1-Trichloroethane	120	E
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

IA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPTEXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714105

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4744.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPTEXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714105

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4744.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BNEPTEXD1DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714105DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4865.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
67-64-1	Acetone	50	U
75-35-4	1,1-Dichloroethene	10	U
75-09-2	Methylene Chloride	10	U
75-15-0	Carbon Disulfide	10	U
75-34-3	1,1-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	120	D
56-23-5	Carbon Tetrachloride	10	U
107-06-2	1,2-Dichloroethane	10	U
71-43-2	Benzene	10	U
79-01-6	Trichloroethene	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	10	U
124-48-1	Chlorodibromomethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylenes (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BNEPTEXD1DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714105DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4865.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BNEPTEXD1DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714105DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4865.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 10.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T14105

Laboratory: EA LABORATORIES

SDG No.: T14103

Matrix: WATER

Client ID: BN-10-EP-TEXD1

Percent Solids: 0.0

Date Received: 11/20/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.0	U		P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	10400			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	6.5	B		P
7439-89-6	Iron	62.6	B		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	3820			P
7439-96-5	Manganese	44.2			P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1510			P
7782-49-2	Selenium	3.7	B		P
7440-22-4	Silver	1.0	U		P
7440-23-5	Sodium	11200			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	20.4			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714109

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4828.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714109

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4828.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QT008

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714109

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4828.D

Level: (low/med) _____ Date Received: 11/20/97

% Moisture: not dec. _____ Date Analyzed: 12/2/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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Appendix D.4

Surface Water Samples
Sites 1 and 3

APPENDIX D.4

SAMPLE KEY - SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Surface Water Samples	
SI-SW007	SW-01
SI-SWXD1	SW-01 (DUP)
SI-SW006	SW-02
SI-SW005	SW-03
SI-SW004	SW-04
SI-SW003	SW-05
SI-SW002	SW-06
SI-SW001	SW-07
Trip Blank	
S1-QT001	QT-001
Equipment Rinsate Blank	
S1-QS002	QS-002
Source Water Blank	
S1-QD001	QD-001

971079

Company Name:	Project Manager or Contact:
EA Engineering	Pete Nimmer
Project No. 29600 47	Phone: 914-565-8600
Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: K8-K10	ATO Number: 5308
Page 1 of 1	Report #: 971722

Parameters/Method Numbers for Analysis

Report Deliverables: 1 2 3 4 D E

EDD: Yes/No Summary Table

DUE TO CLIENT: 12/7/97 - Hardcopy

12/21/97 - EDD

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOCs 8260 +TICS	TAL Metals 6010/7000	SVOCs 8270+TICS	EA Labs Accession Number	Remarks
11/6/97	0720	X		BN-10-S1-QD001	5	X	X	X	971320	LPM: M & A/DFB
11/6/97	0705	X		BN-10-S1-QS001	3	X	X		971321	Project Summary No.: EAL-PS-004
11/6/97	0715	X		BN-10-S1-QS002	3	X	X		971322	VOAS by 8260 plus
11/6/97	0800	X		BN-10-S1-SW001	3	X	X		971323	library search
11/6/97	0855	X		BN-10-S1-SW002	3	X	X		971324	TAL Elements
11/6/97	0925	X		BN-10-S1-SW003	3	X	X		971325	refer to Table 7-1 in
11/6/97	0935	X		BN-10-S1-SW004	3	X	X		971326	QAPP
11/6/97	0955	X		BN-10-S1-SW005	3	X	X		971327	
11/6/97	1005	X		BN-10-S1-SW006	3	X	X		971328	BN-10-S1-QD001 SDG
11/6/97	1025	X		BN-10-S1-SW007 MS/MSD	6	X			971329	is start and sample
11/6/97	1025	X		BN-10-S1-SW007 MS	2		X		↓	BN-10-S1-QT001
11/6/97	—	X		BN-10-S1-SWXD1	3	X	X		971330	end SDG
11/6/97	1050	X		BN-10-S1-LTSW5	3	X	X		971321	
11/6/97	1125	X		BN-10-S1-LTSW4 KR	3	X	X		971322	Summary package
11/6/97	1150	X		BN-10-S1-LTSW3	3	X	X		971323	Form I's plus COC
										Send to Brunswick, ME
11/6/97	—	X		BN-10-S1-LTXD1	3	X	X		971324	Full data package to
11/6/97	0705	X		BN-10-S1-QT001	2	X			971325	Newburgh.
										COC 000825
				* MS/MSD on sample BN10-S1-SW007						Temp blank w/ cooler

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Karen A. Murphy	11/6/97 1215	Karen A. Murphy	11/6/97 1530		
Relinquished by: (Signature)	Date/Time	Received by Laboratory: (Signature)	Date/Time	Airbill Number:	Sample Shipped by: (Circle)
		[illegible]	11/7/97 1000		Fed Ex. Puro. UPS Hand Carried Other:

Cooler Temp._____C pH: ☐ Yes ☐ No Comments: Custody Seals Intact ☐ Yes ☐ No

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4320.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	0.7	J
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

030107

FORM I VOA

3/90

IA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4320.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

030108

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SW007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4320.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13219

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10- S1-SW007

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1240			P
7440-36-0	Antimony	2.2	B		P
7440-38-2	Arsenic	6.8	B		P
7440-39-3	Barium	48.7	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	42900			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	18500			P
7439-92-1	Lead	1.0	B		P
7439-95-4	Magnesium	4920			P
7439-96-5	Manganese	2240			P
7439-97-6	Mercury	0.19	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	3850			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.8	B	N	P
7440-23-5	Sodium	22500			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	35.2			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713220

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5274.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713220

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5274.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

3/90

030118

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SWXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713220

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5274.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13220

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10- S1-SWXD1

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	107	B		P
7440-36-0	Antimony	2.4	B		P
7440-38-2	Arsenic	4.0	B		P
7440-39-3	Barium	37.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	42400			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	2490			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	4570			P
7439-96-5	Manganese	2130			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	3660			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.9	B	N	P
7440-23-5	Sodium	21700			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	14.6	B		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713218

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5273.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713218

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5273.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SW006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713218

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5273.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13218

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10- S1-SW006

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	142	B		P
7440-36-0	Antimony	2.0	B		P
7440-38-2	Arsenic	2.0	U		P
7440-39-3	Barium	32.2	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	47900			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	2380			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	6980			P
7439-96-5	Manganese	734			P
7439-97-6	Mercury	0.21	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	2980			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.2	B	N	P
7440-23-5	Sodium	16400			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713217

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5272.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713217

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5272.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

3/90

030090

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SW005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713217

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5272.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13217

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-SW005

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1230			P
7440-36-0	Antimony	1.5	B		P
7440-38-2	Arsenic	3.9	B		P
7440-39-3	Barium	62.2	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	49600			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	3900			P
7439-92-1	Lead	1.5	B		P
7439-95-4	Magnesium	7510			P
7439-96-5	Manganese	2430			P
7439-97-6	Mercury	0.17	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	3080			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.0	U	N	P
7440-23-5	Sodium	16700			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	13.9	B		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SW004

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713216

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5271.D

Level: (low/med) Date Received: 11/7/97

% Moisture: not dec. Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713216

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5271.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SW004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713216

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5271.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13216

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10- S1-SW004

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	159	B		P
7440-36-0	Antimony	1.7	B		P
7440-38-2	Arsenic	4.1	B		P
7440-39-3	Barium	13.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	7470			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	1070			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	1760			P
7439-96-5	Manganese	265			P
7439-97-6	Mercury	0.15	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1780			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.2	B	N	P
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713215

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5270.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713215

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5270.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SW003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713215

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5270.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13215

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10- S1-SW003

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	226			P
7440-36-0	Antimony	3.6	B		P
7440-38-2	Arsenic	5.2	B		P
7440-39-3	Barium	15.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	7290			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	1230			P
7439-92-1	Lead	1.6	B		P
7439-95-4	Magnesium	1840			P
7439-96-5	Manganese	259			P
7439-97-6	Mercury	0.25	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1750			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.6	B	N	P
7440-23-5	Sodium	10500			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713214

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4326.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713214

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4326.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SW002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713214

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4326.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	1	JN cmt 11/14/97
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13214

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-SW002

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	132	B		P
7440-36-0	Antimony	1.6	B		P
7440-38-2	Arsenic	4.3	B		P
7440-39-3	Barium	13.8	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	7640			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	1030			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	1880			P
7439-96-5	Manganese	250			P
7439-97-6	Mercury	0.14	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1790			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.9	B	N	P
7440-23-5	Sodium	10700			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713213

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4325.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713213

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4325.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SW001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713213

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4325.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.86	1	J N [illegible] 11/12/97
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13213

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10 S1-SW001

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	146	B		P
7440-36-0	Antimony	1.8	B		P
7440-38-2	Arsenic	4.6	B		P
7440-39-3	Barium	16.0	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	6960			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	1110			P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	1740			P
7439-96-5	Manganese	236			P
7439-97-6	Mercury	0.11	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1780			P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.8	B	N	P
7440-23-5	Sodium	10300			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

03019

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QS002

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713212

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4324.D

Level: (low/med) Date Received: 11/7/97

% Moisture: not dec. Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	17	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1QS002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713212

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4324.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QS002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713212

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4324.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13212

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-QS002

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	61.7	B		P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.7	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	73.4	B		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.14	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.0	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	16	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13210

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-QD001

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	63.9	B		P
7440-36-0	Antimony	2.2	B		P
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	52.0	U		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.3	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

Appendix D.5

Sediment Samples
Sites 1 and 3

APPENDIX D.5

SAMPLE KEY - SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Sediment Samples	
SI-SD007	SED-01
SI-SDXD1	SED-01 (DUP)
SI-SD006	SED-02
SI-SD005	SED-03
SI-SD004	SED-04
SI-SD003	SED-05
SI-SD002	SED-06
SI-SD001	SED-07
Trip Blank	
S1-QT001	QT-001
Equipment Rinsate Blank	
S1-QS001	QS-001
Source Water Blank	
S1-QD001	QD-001

Lt. 059, 971054 971080

Company Name: E[illegible] Engineering	Project Manager or Contact: Pete Nimmer Phone: 914-565-8100
Project No. 29600.47 Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: K11	ATO Number: 5308
Pag 1 of 1	Report #. 971723

Parameters/Method Numbers for Analysis

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Report Deliverables: 1 2 3 (4) (D) E

EDD: (Yes)/No Summary Tables

DUE TO CLIENT: 12/7/97 - Hardcopy

12/21/97 - EDD

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOC 8260 + TICS	TAL metals 6010/7000	EA Labs Accession Number	Remarks
11/6/97	0805		X	BN-10-S1-SD001	2	X	X	9713226	LPM: MEA/DFB
11/6/97	0900		X	BN-10-S1-SD002	2	X	X	9713227	Project Summary No.: EAL-PS-064
11/6/97	0930		X	BN-10-S1-SD003	2	X	X	9713228	VOAs by 8260 plus
11/6/97	0940		X	BN-10-S1-SD004	2	X	X	9713229	library search.
11/6/97	1000		X	BN-10-S1-SD005	2	X	X	9713230	TAL Elements refer
11/6/97	1010		X	BN-10-S1-SD006	2	X	X	9713231	to Table 7-1 in QAPP
11/6/97	1040		X	BN-10-S1-SD007 MS/MSD	2	X		9713232	
11/6/97	1040		X	BN-10-S1-SD007 MS	2		X	↓	Samples start and
11/6/97	—		X	BN-10-S1-SDVD1	2	X	X	9713233	end SDG #
11/6/97	1200		X	BN-10-S1-LTSD1	2	X	X	9713234	BN-10-S1-SD001
11/6/97	1140		X	BN-10-S1-LTSD2	2	X	X	9713235	
11/6/97	1130		X	BN-10-S1-LTSD3	2	X	X	9713236	Temp blank w/cooler
11/6/97	1115		X	BN-10-S1-LTSD4	2	X	X	9713237	
11/6/97	1055		X	BN-10-S1-LTSD5	2	X	X	9713238	
11/6/97	—		X	BN-10-S1-LTXD2	2	X	X	9713239	Follow Project
									Summary Requirements
									QC on sample
									BN-10-S1-SD007
									0000001826

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Karen A. Rupzyk	11/6/97 1230	Karen A. Rupzyk	11/6/97 1530		
Relinquished by: (Signature)	**Date/Time**	**Received by Laboratory: (Signature)**	**Date/Time**	**Airbill Number:**	
		[signature]	11/7/97 1000		

Cooler Temp.____C pH: ☐ Yes ☐ No Comments: Custody Seals Intact ☐ Y s ☐ No

Sample Shipped by: (Circle) Fed Ex. Puro. UPS Hand Carried Other:

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

971079

Company Nam : EA Engineering	Project Manager or Contact: Pete Nimmer Phone: 914-565-8100
Project No. 2960047 Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: K8-K10/DA	ATO Number: 5308
Page 1 of 1	Report #. 971722

Parameters/Method Numbers for Analysis

[redacted]

Report Deliverables: 1 2 3 (4) (D) E

EDD: (Yes)/No Summary Tables

DUE TO CLIENT: 12/7/97 - Hardcopy 12/21/97 - EDD

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOCs 8260 + TICS	TAL Metals 6010/7000	8VOCs 8270 + TICS	EA Labs Accession Number	Remarks
11/6/97	0720	X		BN-10-S1-QD001	5	X	X	X	9713210	LPM: MEA/DFB
11/6/97	0705	X		BN-10-S1-QS001	3	X	X		9713211	Project Summary No.: EAL-PS-064
11/6/97	0715	X		BN-10-S1-QS002	3	X	X		9713212	VOAS by 8260 plus
11/6/97	0800	X		BN-10-S1-SW001	3	X	X		9713213	library search
11/6/97	0855	X		BN-10-S1-SW002	3	X	X		9713214	TAL Elements
11/6/97	0925	X		BN-10-S1-SW003	3	X	X		9713215	refer to Table 7-1 in
11/6/97	0935	X		BN-10-S1-SW004	3	X	X		9713216	QAPP
11/6/97	0955	X		BN-10-S1-SW005	3	X	X		9713217	
11/6/97	1005	X		BN-10-S1-SW006	3	X	X		9713218	BN-10-S1-QD001 SDG
11/6/97	1025	X		BN-10-S1-SW007 MS/MSD	6	X			9713219	is start and sample
11/6/97	1025	X		BN-10-S1-SW007 MS	2		X		↓	BN-10-S1-QT001
11/6/97	—	X		BN-10-S1-SWXD1	3	X	X		9713220	end SDG
11/6/97	1050	X		BN-10-S1-LTSW5	3	X	X		9713221	
11/6/97	1125	X		BN-10-S1-LTSW4 KR	3	X	X		9713222	Summary package
11/6/97	1150	X		BN-10-S1-LTSW3	3	X	X		9713223	Form I's plus COC
										Send to Brunswick, ME
11/6/97	—	X		BN-10-S1-LTXD1	3	X	X		9713224	Full data package to
11/6/97	0705	X		BN-10-S1-QT001	2	X			9713225	Newburgh.
										COC 0001825
				* MS/MSD on sample BN10-S1-SW007						Temp blank w/ cooler

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11/6/97 1215	[signature]	11/6/97 1530		
Relinquished by: (Signature)	**Date/Time**	**Received by Laboratory: (Signature)**	**Date/Time**	**Airbill Number:**	**Sample Shipped by: (Circle)**
		[signature]	11/7/97 1000		(Fed Ex.) Puro. UPS Hand Carried Other:

Cooler Temp._____C pH: ☐ Yes ☐ No Comments: Custody Seals Intact ☐ Yes ☐ No

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE [illegible] YELLOW—EA Laboratories PINK—Project Manager Shaded Area for Lab Use Only

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4585.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
67-64-1	Acetone	11	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
75-34-3	1,1-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD007

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4585.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD007

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: #9713232

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4585.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 1	Unknown	22.44	2	J
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13232

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1SD007

Percent Solids: 90.7

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6010			P
7440-36-0	Antimony	0.74		N	P
7440-38-2	Arsenic	2.7			P
7440-39-3	Barium	28.0			P
7440-41-7	Beryllium	0.04	B		P
7440-43-9	Cadmium	0.06	U		P
7440-70-2	Calcium	1530		N*	P
7440-47-3	Chromium	13.3		*	P
7440-48-4	Cobalt	2.3	B		P
7440-50-8	Copper	15.4		N*	P
7439-89-6	Iron	11100			P
7439-92-1	Lead	3.3			P
7439-95-4	Magnesium	3250		N	P
7439-96-5	Manganese	127			P
7439-97-6	Mercury	0.05	B		CV
7440-02-0	Nickel	7.2			P
7440-09-7	Potassium	1970		N	P
7782-49-2	Selenium	0.45	B		P
7440-22-4	Silver	0.10	U		P
7440-23-5	Sodium	83.6	B		P
7440-28-0	Thallium	0.10	U	W	F
7440-62-2	Vanadium	13.7			P
7440-66-6	Zinc	28.1			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SDXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713233

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4588.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
67-64-1	Acetone	12	U
75-35-4	1,1-Dichloroethene	6	U
75-09-2	Methylene Chloride	6	U
75-15-0	Carbon Disulfide	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
124-48-1	Chlorodibromomethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylenes (total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SDXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713233

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4588.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SDXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713233

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4588.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SDXD1RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713233RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4604.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
67-64-1	Acetone	12	U
75-35-4	1,1-Dichloroethene	6	U
75-09-2	Methylene Chloride	6	U
75-15-0	Carbon Disulfide	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
124-48-1	Chlorodibromomethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylenes (total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SDXD1RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713233RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4604.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SDXD1RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713233RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4604.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13233

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1SDVD1

Percent Solids: 86.4

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6680			P
7440-36-0	Antimony	0.66	B	N	P
7440-38-2	Arsenic	3.6			P
7440-39-3	Barium	29.2			P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	0.07	U		P
7440-70-2	Calcium	789		N*	P
7440-47-3	Chromium	12.9		*	P
7440-48-4	Cobalt	3.3	B		P
7440-50-8	Copper	5.3		N*	P
7439-89-6	Iron	10900			P
7439-92-1	Lead	3.7			P
7439-95-4	Magnesium	2440		N	P
7439-96-5	Manganese	125			P
7439-97-6	Mercury	0.08	B		CV
7440-02-0	Nickel	8.7			P
7440-09-7	Potassium	1610		N	P
7782-49-2	Selenium	0.25	B		P
7440-22-4	Silver	0.11	U		P
7440-23-5	Sodium	88.6	B		P
7440-28-0	Thallium	0.11	U		F
7440-62-2	Vanadium	14.9			P
7440-66-6	Zinc	22.3			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713231

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4584.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 22 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
67-64-1	Acetone	13	U
75-35-4	1,1-Dichloroethene	6	U
75-09-2	Methylene Chloride	6	U
75-15-0	Carbon Disulfide	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
124-48-1	Chlorodibromomethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylenes (total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713231

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4584.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 22 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD006

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713231

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4584.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 22 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13231

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: B/N10S1SD006

Percent Solids: 78.3

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3630			P
7440-36-0	Antimony	0.72	B	N	P
7440-38-2	Arsenic	4.0			P
7440-39-3	Barium	13.4	B		P
7440-41-7	Beryllium	0.45	B		P
7440-43-9	Cadmium	0.08	U		P
7440-70-2	Calcium	531		N*	P
7440-47-3	Chromium	15.2		*	P
7440-48-4	Cobalt	0.89	U		P
7440-50-8	Copper	1.0	B	N*	P
7439-89-6	Iron	7840			P
7439-92-1	Lead	3.0			P
7439-95-4	Magnesium	681		N	P
7439-96-5	Manganese	111			P
7439-97-6	Mercury	0.06	B		CV
7440-02-0	Nickel	4.8	B		P
7440-09-7	Potassium	484		N	P
7782-49-2	Selenium	0.25	U		P
7440-22-4	Silver	0.13	U		P
7440-23-5	Sodium	90.6	B		P
7440-28-0	Thallium	0.12	U		F
7440-62-2	Vanadium	9.0			P
7440-66-6	Zinc	7.7			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SD005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713230

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4583.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 33 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
67-64-1	Acetone	15	U
75-35-4	1,1-Dichloroethene	7	U
75-09-2	Methylene Chloride	7	U
75-15-0	Carbon Disulfide	7	U
75-34-3	1,1-Dichloroethane	7	U
78-93-3	2-Butanone	15	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
107-06-2	1,2-Dichloroethane	7	U
71-43-2	Benzene	7	U
79-01-6	Trichloroethene	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
108-10-1	4-Methyl-2-Pentanone	15	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-88-3	Toluene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	7	U
124-48-1	Chlorodibromomethane	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylenes (total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713230

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4583.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 33 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD005

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713230

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4583.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 33 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13230

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1SD005

Percent Solids: 66.5

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3560			P
7440-36-0	Antimony	0.64	B	N	P
7440-38-2	Arsenic	3.3			P
7440-39-3	Barium	33.9			P
7440-41-7	Beryllium	0.03	U		P
7440-43-9	Cadmium	0.08	U		P
7440-70-2	Calcium	841		N*	P
7440-47-3	Chromium	6.4		*	P
7440-48-4	Cobalt	1.7	B		P
7440-50-8	Copper	0.70	U	N*	P
7439-89-6	Iron	36500			P
7439-92-1	Lead	3.1			P
7439-95-4	Magnesium	989		N	P
7439-96-5	Manganese	393			P
7439-97-6	Mercury	0.07	B		CV
7440-02-0	Nickel	5.1	B		P
7440-09-7	Potassium	636		N	P
7782-49-2	Selenium	0.71			P
7440-22-4	Silver	0.14	U		P
7440-23-5	Sodium	105	B		P
7440-28-0	Thallium	0.15	U		F
7440-62-2	Vanadium	7.2			P
7440-66-6	Zinc	19.5			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713229

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4582.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
67-64-1	Acetone	12	U
75-35-4	1,1-Dichloroethene	6	U
75-09-2	Methylene Chloride	6	U
75-15-0	Carbon Disulfide	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
124-48-1	Chlorodibromomethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylenes (total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713229

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4582.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD004

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713229

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4582.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 14 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13229

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1SD004

Percent Solids: 86.4

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3620			P
7440-36-0	Antimony	0.41	B	N	P
7440-38-2	Arsenic	5.2			P
7440-39-3	Barium	15.4	B		P
7440-41-7	Beryllium	0.08	B		P
7440-43-9	Cadmium	0.07	U		P
7440-70-2	Calcium	637		N*	P
7440-47-3	Chromium	4.8		*	P
7440-48-4	Cobalt	1.5	B		P
7440-50-8	Copper	4.6		N*	P
7439-89-6	Iron	8620			P
7439-92-1	Lead	5.6			P
7439-95-4	Magnesium	1350		N	P
7439-96-5	Manganese	126			P
7439-97-6	Mercury	0.07	B		CV
7440-02-0	Nickel	4.7			P
7440-09-7	Potassium	478		N	P
7782-49-2	Selenium	0.38	B		P
7440-22-4	Silver	0.11	U		P
7440-23-5	Sodium	89.5	B		P
7440-28-0	Thallium	0.11	U		F
7440-62-2	Vanadium	7.4			P
7440-66-6	Zinc	25.4			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713228

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4581.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 17 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
67-64-1	Acetone	12	U
75-35-4	1,1-Dichloroethene	6	U
75-09-2	Methylene Chloride	6	U
75-15-0	Carbon Disulfide	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	12	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	U
124-48-1	Chlorodibromomethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylenes (total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713228

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4581.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 17 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD003

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713228

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4581.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 17 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13228

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN10S1SD003

Percent Solids: 83.2

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2240			P
7440-36-0	Antimony	0.25	B	N	P
7440-38-2	Arsenic	2.6			P
7440-39-3	Barium	10.3	B		P
7440-41-7	Beryllium	0.03	B		P
7440-43-9	Cadmium	0.07	U		P
7440-70-2	Calcium	408		N*	P
7440-47-3	Chromium	2.8		*	P
7440-48-4	Cobalt	1.1	B		P
7440-50-8	Copper	1.3		N*	P
7439-89-6	Iron	5870			P
7439-92-1	Lead	3.8			P
7439-95-4	Magnesium	849		N	P
7439-96-5	Manganese	71.4			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	3.2	B		P
7440-09-7	Potassium	296		N	P
7782-49-2	Selenium	0.23	U		P
7440-22-4	Silver	0.11	U		P
7440-23-5	Sodium	109	B		P
7440-28-0	Thallium	0.12	U		F
7440-62-2	Vanadium	4.3	B		P
7440-66-6	Zinc	16.8			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SD002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713227

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4580.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 21 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	10	
67-64-1	Acetone	13	U
75-35-4	1,1-Dichloroethene	6	U
75-09-2	Methylene Chloride	6	U
75-15-0	Carbon Disulfide	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
124-48-1	Chlorodibromomethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylenes (total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713227

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4580.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 21 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	8	
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	19	

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713227

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4580.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 21 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13227

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1SD002

Percent Solids: 78.9

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2850			P
7440-36-0	Antimony	0.46	B	N	P
7440-38-2	Arsenic	8.3			P
7440-39-3	Barium	21.8	B		P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	0.25	B		P
7440-70-2	Calcium	742		N*	P
7440-47-3	Chromium	7.4		*	P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	3.3		N*	P
7439-89-6	Iron	10300			P
7439-92-1	Lead	12.3			P
7439-95-4	Magnesium	1020		N	P
7439-96-5	Manganese	252			P
7439-97-6	Mercury	0.06	B		CV
7440-02-0	Nickel	6.7			P
7440-09-7	Potassium	601		N	P
7782-49-2	Selenium	1.0			P
7440-22-4	Silver	0.12	U		P
7440-23-5	Sodium	98.0	B		P
7440-28-0	Thallium	0.13	U		F
7440-62-2	Vanadium	10.6			P
7440-66-6	Zinc	31.0			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713226

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4579.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 21 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
67-64-1	Acetone	13	U
75-35-4	1,1-Dichloroethene	6	U
75-09-2	Methylene Chloride	6	U
75-15-0	Carbon Disulfide	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	13	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
79-01-6	Trichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
124-48-1	Chlorodibromomethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylenes (total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713226

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4579.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 21 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713226

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4579.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 21 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13226

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN10S1SD001

Percent Solids: 78.6

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3290			P
7440-36-0	Antimony	0.36	B	N	P
7440-38-2	Arsenic	6.0			P
7440-39-3	Barium	28.2			P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	0.07	U		P
7440-70-2	Calcium	520		N*	P
7440-47-3	Chromium	6.5		*	P
7440-48-4	Cobalt	2.4	B		P
7440-50-8	Copper	2.6		N*	P
7439-89-6	Iron	13000			P
7439-92-1	Lead	9.5			P
7439-95-4	Magnesium	1280		N	P
7439-96-5	Manganese	338			P
7439-97-6	Mercury	0.05	U		CV
7440-02-0	Nickel	6.0			P
7440-09-7	Potassium	728		N	P
7782-49-2	Selenium	0.50	B		P
7440-22-4	Silver	0.12	U		P
7440-23-5	Sodium	99.2	B		P
7440-28-0	Thallium	0.12	U		F
7440-62-2	Vanadium	9.5			P
7440-66-6	Zinc	29.7			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

03019

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) Date Received: 11/7/97

% Moisture: not dec. Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

030197

3/90

EPA SAMPLE NO.

BN10S1QT001

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

BN10S1QS001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713211

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4323.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	17	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: BN10S1QS001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713211

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4323.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

EPA SAMPLE NO.

BN10S1QS001

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713211

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4323.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	3	J N
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13211

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BW-10-S1-QS001

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.0	U		P
7440-36-0	Antimony	1.1	B		P
7440-38-2	Arsenic	3.6	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	52.0	U		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.14	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.8	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) Date Received: 11/7/97

% Moisture: not dec. Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	16	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) Date Received: 11/7/97

% Moisture: not dec. Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13210

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-QD001

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	63.9	B		P
7440-36-0	Antimony	2.2	B		P
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	52.0	U		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.3	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

Appendix D.6

Leachate Station Seep Samples
Sites 1 and 3

APPENDIX D.6

SAMPLE KEY - SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Leachate Seep Samples	
SI-LTSW5	SEEP-01
SI-LTSW4	SEEP-03
SI-LTSW3	SEEP-05
SI-LTXD1	SEEP-05 DUP
Trip Blank	
S1-QT001	QT-001
Equipment Rinsate Blank	
S1-QS002	QS-002
Source Water Blank	
S1-QD001	QD-001

971079

Company Name: EA Engineering	Project Manager or Contact: Pete Nimmer Phone: 914-565-8600
Project No. 29600 47 Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: K8-K10	ATO Number: 5308
Page 1 of 1	Report #: 971722

Parameters/Method Numbers for Analysis

Report Deliverables: 1 2 3 (4) (D) E

EDD: (Yes) No Summary Tables

DUE TO CLIENT: 12/7/97 - Hardcopy

12/21/97 - EDD

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOCs 8260 + TICS	TAL Metals 6010/7000	SVOCs 8270 + TICS	EA Labs Accession Number	Remarks
11/6/97	0720	X		BN-10-S1-QD001	5	X	X	X	9713210	LPM: M & A/DFB
11/6/97	0705	X		BN-10-S1-QS001	3	X	X		9713211	Project Summary No.: EAL-PS-004
11/6/97	0715	X		BN-10-S1-QS002	3	X	X		9713212	VOAS by 8260 plus
11/6/97	0800	X		BN-10-S1-SW001	3	X	X		9713213	library search
11/6/97	0855	X		BN-10-S1-SW002	3	X	X		9713214	TAL Elements
11/6/97	0925	X		BN-10-S1-SW003	3	X	X		9713215	refer to Table 7-1 in
11/6/97	0935	X		BN-10-S1-SW004	3	X	X		9713216	QAPP
11/6/97	0955	X		BN-10-S1-SW005	3	X	X		9713217	
11/6/97	1005	X		BN-10-S1-SW006	3	X	X		9713218	BN-10-S1-QD001 SDG
11/6/97	1025	X		BN-10-S1-SW007 MS/MSD	6	X			9713219	is start and sample
11/6/97	1025	X		BN-10-S1-SW007 MS	2		X		↓	BN-10-S1-QT001
11/6/97	—	X		BN-10-S1-SWXD1	3	X	X		9713220	end SDG
11/6/97	1050	X		BN-10-S1-LTSW5	3	X	X		9713221	
11/6/97	1125	X		BN-10-S1-LTSW4 KR	3	X	X		9713222	Summary package
11/6/97	1150	X		BN-10-S1-LTSW3	3	X	X		9713223	Form I's plus COC
										Send to Brunswick, ME
11/6/97	—	X		BN-10-S1-LTXD1	3	X	X		9713224	Full data package to
11/6/97	0705	X		BN-10-S1-QT001	2	X			9713225	Newburgh.
										COC 001825
				* MS/MSD on sample BN10-S1-SW007						Temp blank w/ cooler

Sampled by: (Signature) Karen A Murphy	Date/Time 11/6/97 1215	Relinquished by: (Signature) Karen A Murphy	Date/Time 11/6/97 1530	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Laboratory: (Signature)	Date/Time 11/7/97 1000	Airbill Number:	Sample Shipped by: (Circle) Fed Ex. Puro. UPS Hand Carried Other:

Cooler Temp._____C pH: ☐ Yes ☐ No Comments: Custody Seals Intact ☐ Yes ☐ No

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSW5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713221

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5275.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	2	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	0.6	J
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

FORM I VOA

3/90

030126

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSW5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713221

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5275.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSW5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713221

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5275.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13221

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10- S1-LTSW5

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4350			P
7440-36-0	Antimony	2.6	B		P
7440-38-2	Arsenic	19.4			P
7440-39-3	Barium	298			P
7440-41-7	Beryllium	1.4	B		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	119000			P
7440-47-3	Chromium	6.0	B		P
7440-48-4	Cobalt	37.4	B		P
7440-50-8	Copper	25.0	U		P
7439-89-6	Iron	677000			P
7439-92-1	Lead	31.6			P
7439-95-4	Magnesium	12500			P
7439-96-5	Manganese	1350			P
7439-97-6	Mercury	0.90	B		CV
7440-02-0	Nickel	36.6	B		P
7440-09-7	Potassium	4070			P
7782-49-2	Selenium	2.4	B		P
7440-22-4	Silver	1.0	U	N	P
7440-23-5	Sodium	14900			P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	5.0	B		P
7440-66-6	Zinc	73.9			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSW4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713222

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5279.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	59	
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	4	
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	2	
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	2	
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSW4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713222

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5279.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSW4

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713222

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5279.D

Level: (low/med) Date Received: 11/7/97

% Moisture: not dec. Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 1	Unknown	31.06	1	J
2.				
3.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13222

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10- S1-LTSW4

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14200			P
7440-36-0	Antimony	38.1			P
7440-38-2	Arsenic	482			P
7440-39-3	Barium	3490			P
7440-41-7	Beryllium	3.6	B		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	173000			P
7440-47-3	Chromium	148			P
7440-48-4	Cobalt	203			P
7440-50-8	Copper	2500	U		P
7439-89-6	Iron	5150000			P
7439-92-1	Lead	150			P
7439-95-4	Magnesium	22400			P
7439-96-5	Manganese	85300			P
7439-97-6	Mercury	0.55	B		CV
7440-02-0	Nickel	172			P
7440-09-7	Potassium	5430			P
7782-49-2	Selenium	20.7			P
7440-22-4	Silver	20.0	U	N	P
7440-23-5	Sodium	47600			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	300	U		P
7440-66-6	Zinc	775			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSW3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713223

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5278.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	0.8	J
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	0.7	J
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	12	
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSW3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713223

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5278.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	79	E
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	13	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSW3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713223

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5278.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSW3DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713223DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5289.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
67-64-1	Acetone	25	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
75-34-3	1,1-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	15	D
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSW3DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713223DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5289.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	110	D
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	17	D

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSW3DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713223DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5289.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec: _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13223

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-LTSW3

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10900			P
7440-36-0	Antimony	5.9	B		P
7440-38-2	Arsenic	1590			P
7440-39-3	Barium	268			P
7440-41-7	Beryllium	0.42	B		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	54400			P
7440-47-3	Chromium	28.4			P
7440-48-4	Cobalt	18.5	B		P
7440-50-8	Copper	250	U		P
7439-89-6	Iron	6240			P
7439-92-1	Lead	34.7			P
7439-95-4	Magnesium	13600			P
7439-96-5	Manganese	4530			P
7439-97-6	Mercury	0.23	B		CV
7440-02-0	Nickel	27.7	B		P
7440-09-7	Potassium	9740			P
7782-49-2	Selenium	11.4			P
7440-22-4	Silver	2.0	U	N	P
7440-23-5	Sodium	18200			P
7440-28-0	Thallium	1.0	U	W	F
7440-62-2	Vanadium	30.0	U		P
7440-66-6	Zinc	141			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713224

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5277.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	0.8	J
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	0.7	J
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	13	
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713224

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5277.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	82	E
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	14	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTXD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713224

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5277.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	22.19	2	JN
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTXD1DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713224DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5290.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	5	U
74-83-9	Bromomethane	5	U
75-00-3	Chloroethane	5	U
67-64-1	Acetone	25	U
75-35-4	1,1-Dichloroethene	5	U
75-09-2	Methylene Chloride	5	U
75-15-0	Carbon Disulfide	5	U
75-34-3	1,1-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
75-27-4	Bromodichloromethane	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane	5	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
124-48-1	Chlorodibromomethane	5	U
108-90-7	Chlorobenzene	16	D
100-41-4	Ethylbenzene	5	U
1330-20-7	Xylenes (total)	5	U
100-42-5	Styrene	5	U
75-25-2	Bromoform	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD1DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713224DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5290.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	120	D
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	17	D

FORM I VOA

030186

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTXD1DL

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713224DL

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5290.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13224

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: βN-10- S1-LTXW1

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4360			P
7440-36-0	Antimony	3.7	B		P
7440-38-2	Arsenic	813			P
7440-39-3	Barium	144	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	48400			P
7440-47-3	Chromium	10.5			P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	250	U		P
7439-89-6	Iron	1200			P
7439-92-1	Lead	14.8			P
7439-95-4	Magnesium	11100			P
7439-96-5	Manganese	3530			P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	10.2	B		P
7440-09-7	Potassium	8690			P
7782-49-2	Selenium	6.7			P
7440-22-4	Silver	1.0	U	N	P
7440-23-5	Sodium	17100			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	70.7			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

TE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QS002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713212

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4324.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	17	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QS002

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713212

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4324.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

FORM I VOA

030044 3/90

EPA SAMPLE NO.

BN10S1QS002

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713212

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4324.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
2.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13212

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-QS002

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	61.7	B		P
7440-36-0	Antimony	1.0	U		P
7440-38-2	Arsenic	2.7	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	73.4	B		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.14	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.0	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	16	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG N .: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER
T13210

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-QD001

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	63.9	B		P
7440-36-0	Antimony	2.2	B		P
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	52.0	U		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.3	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

Appendix D.7

Leachate Station Sediment Samples
Sites 1 and 3

APPENDIX D.7

SAMPLE KEY - SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Seep Sediment Samples	
S1-LTSD5	LT-01
S1-LTSD4	LT-02
S1-LTSD3	LT-03
S1-LTSD2	LT-04
S1-LTSD1	LT-05
S1-LTXD2	LT-05 DUP
Trip Blank	
S1-QT001	QT-001
Equipment Rinsate Blank	
S1-QS001	QS-001
Source Water Blank	
S1-QD001	QD-001

4-059, 971080

Company Name:	Project Manager or Contact:
EA Engineering	Pete Nimmer
Project No. 029600.47	Phone: 914-565-8100
Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: K11	ATO Number: 5308
Page 1 of 1	Report #. 971723

Chain of Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
Telephone: (410) 771-4920
Fax: (410) 771-4407

Report Deliverables: 1 2 3 4 D E

EDD: Yes/No Summary Tables

DUE TO CLIENT: 12/7/97 - Hardcopy

12/21/97 - EDD

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOC 8260 +TICs	TAL metals 6010/7000	EA Labs Accession Number	Remarks
11/6/97	0805		X	BN-10-S1-SD001	2	X	X	9713226	LPM: MEA/DFB
11/6/97	0900		X	BN-10-S1-SD002	2	X	X	9713227	Project Summary No.: EAL-BS-024
11/6/97	0930		X	BN-10-S1-SD003	2	X	X	9713228	VOAs by 8260 plus
11/6/97	0940		X	BN-10-S1-SD004	2	X	X	9713229	library search.
11/6/97	1000		X	BN-10-S1-SD005	2	X	X	9713230	TAL Elements refer
11/6/97	1010		X	BN-10-S1-SD006	2	X	X	9713231	to Table 7-1, in QAPP
11/6/97	1040		X	BN-10-S1-SD007 MS/MSD	2	X		9713232	
11/6/97	1040		X	BN-10-S1-SD007 MS	2		X	↓	Samples start and
11/6/97	—		X	BN-10-S1-SDXD1	2	X	X	9713233	end SDG #
11/6/97	1200		X	BN-10-S1-LTSD1	2	X	X	9713234	BN-10-S1-SD001
11/6/97	1140		X	BN-10-S1-LTSD2	2	X	X	9713235	
11/6/97	1130		X	BN-10-S1-LTSD3	2	X	X	9713236	Temp blank w/cooler
11/6/97	1115		X	BN-10-S1-LTSD4	2	X	X	9713237	
11/6/97	1055		X	BN-10-S1-LTSD5	2	X	X	9713238	
11/6/97	—		X	BN-10-S1-LTXD2	2	X	X	9713239	Follow Project
									Summary Requirements
									QC on sample
									BN-10-S1-SD007
									1826

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Karen A. Rupp	11/6/97 1230	Karen A. Rupp	11/6/97 1530		
Relinquished by: (Signature)	**Date/Time**	**Received by Laboratory: (Signature)**	**Date/Time**	**Airbill Number:**	
		Mary Smith	11/7/97 1000		

Cooler Temp._____C pH: ☐ Yes ☐ No Comments: Custody Seals Intact ☐ Yes ☐ No

Sample Shipped by: (Circle) Fed Ex. Puro. UPS Hand Carried Other:

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

971079

Company Name: EA Engineering	Project Manager or Contact: Pete Nimmer Phone: 914-565-8100
Project No. 2960047 Dept.: 2192 Task: 7303	Project Name: NAS Brunswick LTMP Event 10
Sample Storage Location: K8-K10/DA	ATO Number: 5308
Page 1 of 1	Report #. 971722

Chain of Custody Record

EA Laboratories, 19 Loveton Circle, Sparks, MD 21152, Telephone: (410) 771-4920, Fax: (410) 771-4407

Report Deliverables: 1 2 3 (4) (D) E

EDD: (Yes)/No Summary Tables

DUE TO CLIENT: 12/7/97 - Hardcopy 12/21/97 - EDD

Parameters/Method Numbers for Analysis

Date	Time	Water	Soil	Sample Identification 19 Characters	No. of Containers	VOCs 8260 + TICS	TAL Metals 6010/7000	8VOCs 8270 + TICS	EA Labs Accession Number	Remarks
11/6/97	0720	X		BN-10-S1-QD001	5	X	X	X	9713210	LPM: MEA/DFB
11/6/97	0705	X		BN-10-S1-QS001	3	X	X		9713211	Project Summary No.: EAL-PS-064
11/6/97	0715	X		BN-10-S1-QS002	3	X	X		9713212	VOAS by 8260 plus
11/6/97	0800	X		BN-10-S1-SW001	3	X	X		9713213	library search
11/6/97	0855	X		BN-10-S1-SW002	3	X	X		9713214	TAL Elements
11/6/97	0925	X		BN-10-S1-SW003	3	X	X		9713215	refer to Table 7-1 in
11/6/97	0935	X		BN-10-S1-SW004	3	X	X		9713216	QAPP
11/6/97	0955	X		BN-10-S1-SW005	3	X	X		9713217	
11/6/97	1005	X		BN-10-S1-SW006	3	X	X		9713218	BN-10-S1-QD001 SDG
11/6/97	1025	X		BN-10-S1-SW007 MS/MSD	6	X			9713219	is start and sample
11/6/97	1025	X		BN-10-S1-SW007 MS	2		X		↓	BN-10-S1-QT001
11/6/97	—	X		BN-10-S1-SWXD1	3	X	X		9713220	end SDG
11/6/97	1050	X		BN-10-S1-LTSW5	3	X	X		9713221	
11/6/97	1125	X		BN-10-S1-LTSW4 KR	3	X	X		9713222	Summary package
11/6/97	1150	X		BN-10-S1-LTSW3	3	X	X		9713223	Form I's plus COC
										Send to Brunswick, ME
11/6/97	—	X		BN-10-S1-LTXD1	3	X	X		9713224	Full data package to
11/6/97	0705	X		BN-10-S1-QT001	2	X			9713225	Newburgh.
										COC 1825
				* MS/MSD on sample BN10-S1-SW007						Temp blank w/ cooler

Sampled by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	11/6/97 1215	[signature]	11/6/97 1530		
Relinquished by: (Signature)	**Date/Time**	**Received by Laboratory: (Signature)**	**Date/Tim**	**Airbill Number:**	**Sample Shipped by: (Circle)**
		[signature]	11/7/97 1000		(Fed Ex.) Puro. UPS Hand Carried Other:

Cooler Temp._____C pH: ☐ Yes ☐ No Comments: Custody Seals Intact ☐ Yes ☐ No

NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory techniques.

WHITE—EA Laboratories YELLOW—EA Laboratories PINK—Project Manager *Shaded Areas for Lab Use Only*

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713238

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4600.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 77 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	22	U
75-01-4	Vinyl Chloride	22	U
74-83-9	Bromomethane	22	U
75-00-3	Chloroethane	22	U
67-64-1	Acetone	170	
75-35-4	1,1-Dichloroethene	22	U
75-09-2	Methylene Chloride	22	U
75-15-0	Carbon Disulfide	22	U
75-34-3	1,1-Dichloroethane	22	U
78-93-3	2-Butanone	54	
540-59-0	1,2-Dichloroethene (total)	22	U
67-66-3	Chloroform	22	U
71-55-6	1,1,1-Trichloroethane	22	U
56-23-5	Carbon Tetrachloride	22	U
107-06-2	1,2-Dichloroethane	22	U
71-43-2	Benzene	22	U
79-01-6	Trichloroethene	22	U
78-87-5	1,2-Dichloropropane	22	U
75-27-4	Bromodichloromethane	22	U
108-10-1	4-Methyl-2-Pentanone	43	U
10061-01-5	cis-1,3-Dichloropropene	22	U
108-88-3	Toluene	22	U
10061-02-6	trans-1,3-Dichloropropene	22	U
79-00-5	1,1,2-Trichloroethane	22	U
591-78-6	2-Hexanone	43	U
127-18-4	Tetrachloroethene	22	U
124-48-1	Chlorodibromomethane	22	U
108-90-7	Chlorobenzene	22	U
100-41-4	Ethylbenzene	22	U
1330-20-7	Xylenes (total)	22	U
100-42-5	Styrene	22	U
75-25-2	Bromoform	22	U
79-34-5	1,1,2,2-Tetrachloroethane	22	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713238

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4600.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 77 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSD5

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713238

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4600.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 77 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD5RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713238RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4608.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 77 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	22	U
75-01-4	Vinyl Chloride	22	U
74-83-9	Bromomethane	22	U
75-00-3	Chloroethane	22	U
67-64-1	Acetone	91	
75-35-4	1,1-Dichloroethene	22	U
75-09-2	Methylene Chloride	22	U
75-15-0	Carbon Disulfide	22	U
75-34-3	1,1-Dichloroethane	22	U
78-93-3	2-Butanone	43	U
540-59-0	1,2-Dichloroethene (total)	22	U
67-66-3	Chloroform	22	U
71-55-6	1,1,1-Trichloroethane	22	U
56-23-5	Carbon Tetrachloride	22	U
107-06-2	1,2-Dichloroethane	22	U
71-43-2	Benzene	22	U
79-01-6	Trichloroethene	22	U
78-87-5	1,2-Dichloropropane	22	U
75-27-4	Bromodichloromethane	22	U
108-10-1	4-Methyl-2-Pentanone	43	U
10061-01-5	cis-1,3-Dichloropropene	22	U
108-88-3	Toluene	22	U
10061-02-6	trans-1,3-Dichloropropene	22	U
79-00-5	1,1,2-Trichloroethane	22	U
591-78-6	2-Hexanone	43	U
127-18-4	Tetrachloroethene	22	U
124-48-1	Chlorodibromomethane	22	U
108-90-7	Chlorobenzene	22	U
100-41-4	Ethylbenzene	22	U
1330-20-7	Xylenes (total)	22	U
100-42-5	Styrene	22	U
75-25-2	Bromoform	22	U
79-34-5	1,1,2,2-Tetrachloroethane	22	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD5RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713238RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4608.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 77 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSD5RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713238RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4608.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 77 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13238

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN10S1LTSD5

Percent Solids: 23.1

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8100			P
7440-36-0	Antimony	1.5	B	N	P
7440-38-2	Arsenic	7.5			P
7440-39-3	Barium	37.0	B		P
7440-41-7	Beryllium	0.56	B		P
7440-43-9	Cadmium	1.8	B		P
7440-70-2	Calcium	6560		N*	P
7440-47-3	Chromium	11.1		*	P
7440-48-4	Cobalt	53.3			P
7440-50-8	Copper	13.1		N*	P
7439-89-6	Iron	21200			P
7439-92-1	Lead	37.5			P
7439-95-4	Magnesium	2630		N	P
7439-96-5	Manganese	173			P
7439-97-6	Mercury	0.94	B		CV
7440-02-0	Nickel	54.4			P
7440-09-7	Potassium	875		N	P
7782-49-2	Selenium	2.1			P
7440-22-4	Silver	0.39	U		P
7440-23-5	Sodium	249	B		P
7440-28-0	Thallium	0.41	U		F
7440-62-2	Vanadium	25.5			P
7440-66-6	Zinc	246			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSD4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713237

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4599.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 78 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	23	U
75-01-4	Vinyl Chloride	23	U
74-83-9	Bromomethane	23	U
75-00-3	Chloroethane	23	U
67-64-1	Acetone	45	U
75-35-4	1,1-Dichloroethene	23	U
75-09-2	Methylene Chloride	23	U
75-15-0	Carbon Disulfide	23	U
75-34-3	1,1-Dichloroethane	23	U
78-93-3	2-Butanone	45	U
540-59-0	1,2-Dichloroethene (total)	23	U
67-66-3	Chloroform	23	U
71-55-6	1,1,1-Trichloroethane	23	U
56-23-5	Carbon Tetrachloride	23	U
107-06-2	1,2-Dichloroethane	23	U
71-43-2	Benzene	23	U
79-01-6	Trichloroethene	23	U
78-87-5	1,2-Dichloropropane	23	U
75-27-4	Bromodichloromethane	23	U
108-10-1	4-Methyl-2-Pentanone	45	U
10061-01-5	cis-1,3-Dichloropropene	23	U
108-88-3	Toluene	23	U
10061-02-6	trans-1,3-Dichloropropene	23	U
79-00-5	1,1,2-Trichloroethane	23	U
591-78-6	2-Hexanone	45	U
127-18-4	Tetrachloroethene	23	U
124-48-1	Chlorodibromomethane	23	U
108-90-7	Chlorobenzene	23	U
100-41-4	Ethylbenzene	23	U
1330-20-7	Xylenes (total)	23	U
100-42-5	Styrene	23	U
75-25-2	Bromoform	23	U
79-34-5	1,1,2,2-Tetrachloroethane	23	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713237

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4599.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 78 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSD4

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713237

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4599.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 78 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSD4RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713237RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4607.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 78 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	23	U
75-01-4	Vinyl Chloride	23	U
74-83-9	Bromomethane	23	U
75-00-3	Chloroethane	23	U
67-64-1	Acetone	45	U
75-35-4	1,1-Dichloroethene	23	U
75-09-2	Methylene Chloride	23	U
75-15-0	Carbon Disulfide	23	U
75-34-3	1,1-Dichloroethane	23	U
78-93-3	2-Butanone	45	U
540-59-0	1,2-Dichloroethene (total)	23	U
67-66-3	Chloroform	23	U
71-55-6	1,1,1-Trichloroethane	23	U
56-23-5	Carbon Tetrachloride	23	U
107-06-2	1,2-Dichloroethane	23	U
71-43-2	Benzene	23	U
79-01-6	Trichloroethene	23	U
78-87-5	1,2-Dichloropropane	23	U
75-27-4	Bromodichloromethane	23	U
108-10-1	4-Methyl-2-Pentanone	45	U
10061-01-5	cis-1,3-Dichloropropene	23	U
108-88-3	Toluene	23	U
10061-02-6	trans-1,3-Dichloropropene	23	U
79-00-5	1,1,2-Trichloroethane	23	U
591-78-6	2-Hexanone	45	U
127-18-4	Tetrachloroethene	23	U
124-48-1	Chlorodibromomethane	23	U
108-90-7	Chlorobenzene	23	U
100-41-4	Ethylbenzene	23	U
1330-20-7	Xylenes (total)	23	U
100-42-5	Styrene	23	U
75-25-2	Bromoform	23	U
79-34-5	1,1,2,2-Tetrachloroethane	31	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD4RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713237RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4607.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 78 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSD4RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713237RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4607.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 78 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13237

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1LTSD4

Percent Solids: 21.9

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	14200			P
7440-36-0	Antimony	1.9	B	N	P
7440-38-2	Arsenic	6.3			P
7440-39-3	Barium	36.2	B		P
7440-41-7	Beryllium	0.12	B		P
7440-43-9	Cadmium	0.27	U		P
7440-70-2	Calcium	1600		N*	P
7440-47-3	Chromium	13.2		*	P
7440-48-4	Cobalt	11.3	B		P
7440-50-8	Copper	10.0		N*	P
7439-89-6	Iron	18100			P
7439-92-1	Lead	8.4			P
7439-95-4	Magnesium	3790		N	P
7439-96-5	Manganese	173			P
7439-97-6	Mercury	0.28	B		CV
7440-02-0	Nickel	15.5	B		P
7440-09-7	Potassium	1500		N	P
7782-49-2	Selenium	1.1	B		P
7440-22-4	Silver	0.45	U		P
7440-23-5	Sodium	193	B		P
7440-28-0	Thallium	0.44	U		F
7440-62-2	Vanadium	20.1	B		P
7440-66-6	Zinc	42.9			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSD3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713236

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4591.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	19	U
75-01-4	Vinyl Chloride	19	U
74-83-9	Bromomethane	19	U
75-00-3	Chloroethane	19	U
67-64-1	Acetone	38	U
75-35-4	1,1-Dichloroethene	19	U
75-09-2	Methylene Chloride	26	
75-15-0	Carbon Disulfide	19	U
75-34-3	1,1-Dichloroethane	19	U
78-93-3	2-Butanone	38	U
540-59-0	1,2-Dichloroethene (total)	19	U
67-66-3	Chloroform	19	U
71-55-6	1,1,1-Trichloroethane	19	U
56-23-5	Carbon Tetrachloride	19	U
107-06-2	1,2-Dichloroethane	19	U
71-43-2	Benzene	19	U
79-01-6	Trichloroethene	19	U
78-87-5	1,2-Dichloropropane	19	U
75-27-4	Bromodichloromethane	19	U
108-10-1	4-Methyl-2-Pentanone	38	U
10061-01-5	cis-1,3-Dichloropropene	19	U
108-88-3	Toluene	19	U
10061-02-6	trans-1,3-Dichloropropene	19	U
79-00-5	1,1,2-Trichloroethane	19	U
591-78-6	2-Hexanone	38	U
127-18-4	Tetrachloroethene	19	U
124-48-1	Chlorodibromomethane	19	U
108-90-7	Chlorobenzene	19	U
100-41-4	Ethylbenzene	19	U
1330-20-7	Xylenes (total)	19	U
100-42-5	Styrene	19	U
75-25-2	Bromoform	19	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713236

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4591.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
95-50-1	1,2-Dichlorobenzene	25	
541-73-1	1,3-Dichlorobenzene	19	U
106-46-7	1,4-Dichlorobenzene	15	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSD3

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713236

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4591.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSD3RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713236RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4606.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	19	U
75-01-4	Vinyl Chloride	19	U
74-83-9	Bromomethane	19	U
75-00-3	Chloroethane	19	U
67-64-1	Acetone	38	U
75-35-4	1,1-Dichloroethene	19	U
75-09-2	Methylene Chloride	17	J
75-15-0	Carbon Disulfide	19	U
75-34-3	1,1-Dichloroethane	9	J
78-93-3	2-Butanone	38	U
540-59-0	1,2-Dichloroethene (total)	19	U
67-66-3	Chloroform	19	U
71-55-6	1,1,1-Trichloroethane	19	U
56-23-5	Carbon Tetrachloride	19	U
107-06-2	1,2-Dichloroethane	19	U
71-43-2	Benzene	19	U
79-01-6	Trichloroethene	19	U
78-87-5	1,2-Dichloropropane	19	U
75-27-4	Bromodichloromethane	19	U
108-10-1	4-Methyl-2-Pentanone	38	U
10061-01-5	cis-1,3-Dichloropropene	19	U
108-88-3	Toluene	19	U
10061-02-6	trans-1,3-Dichloropropene	19	U
79-00-5	1,1,2-Trichloroethane	19	U
591-78-6	2-Hexanone	38	U
127-18-4	Tetrachloroethene	19	U
124-48-1	Chlorodibromomethane	19	U
108-90-7	Chlorobenzene	19	U
100-41-4	Ethylbenzene	19	U
1330-20-7	Xylenes (total)	19	U
100-42-5	Styrene	19	U
75-25-2	Bromoform	19	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD3RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713236RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4606.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	32	
541-73-1	1,3-Dichlorobenzene	19	U
106-46-7	1,4-Dichlorobenzene	34	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSD3RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713236RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4606.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13236

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1LTSD3

Percent Solids: 26.2

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6150			P
7440-36-0	Antimony	0.94	B	N	P
7440-38-2	Arsenic	8.1			P
7440-39-3	Barium	162			P
7440-41-7	Beryllium	1.3	B		P
7440-43-9	Cadmium	0.82	B		P
7440-70-2	Calcium	4110		N*	P
7440-47-3	Chromium	45.6		*	P
7440-48-4	Cobalt	2.4	U		P
7440-50-8	Copper	4.6		N*	P
7439-89-6	Iron	23000			P
7439-92-1	Lead	5.8			P
7439-95-4	Magnesium	1670		N	P
7439-96-5	Manganese	1300			P
7439-97-6	Mercury	0.35	B		CV
7440-02-0	Nickel	11.7	B		P
7440-09-7	Potassium	379		N	P
7782-49-2	Selenium	3.1			P
7440-22-4	Silver	0.47	B		P
7440-23-5	Sodium	368			P
7440-28-0	Thallium	0.38	U		F
7440-62-2	Vanadium	2.9	B		P
7440-66-6	Zinc	12.9			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713235

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4590.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 83 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	29	U
75-01-4	Vinyl Chloride	29	U
74-83-9	Bromomethane	29	U
75-00-3	Chloroethane	29	U
67-64-1	Acetone	59	U
75-35-4	1,1-Dichloroethene	29	U
75-09-2	Methylene Chloride	51	
75-15-0	Carbon Disulfide	29	U
75-34-3	1,1-Dichloroethane	29	U
78-93-3	2-Butanone	59	U
540-59-0	1,2-Dichloroethene (total)	29	U
67-66-3	Chloroform	29	U
71-55-6	1,1,1-Trichloroethane	29	U
56-23-5	Carbon Tetrachloride	29	U
107-06-2	1,2-Dichloroethane	29	U
71-43-2	Benzene	29	U
79-01-6	Trichloroethene	29	U
78-87-5	1,2-Dichloropropane	29	U
75-27-4	Bromodichloromethane	29	U
108-10-1	4-Methyl-2-Pentanone	59	U
10061-01-5	cis-1,3-Dichloropropene	29	U
108-88-3	Toluene	29	U
10061-02-6	trans-1,3-Dichloropropene	29	U
79-00-5	1,1,2-Trichloroethane	29	U
591-78-6	2-Hexanone	59	U
127-18-4	Tetrachloroethene	29	U
124-48-1	Chlorodibromomethane	29	U
108-90-7	Chlorobenzene	29	U
100-41-4	Ethylbenzene	29	U
1330-20-7	Xylenes (total)	29	U
100-42-5	Styrene	29	U
75-25-2	Bromoform	29	U
79-34-5	1,1,2,2-Tetrachloroethane	29	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSD2

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: #9713235

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4590.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 83 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	29	U
541-73-1	1,3-Dichlorobenzene	29	U
106-46-7	1,4-Dichlorobenzene	39	

EPA SAMPLE NO.

BN10S1LTSD2

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713235

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4590.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 83 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTSD2RE

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: #9713235RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4605.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 83 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	29	U
75-01-4	Vinyl Chloride	29	U
74-83-9	Bromomethane	29	U
75-00-3	Chloroethane	29	U
67-64-1	Acetone	59	U
75-35-4	1,1-Dichloroethene	29	U
75-09-2	Methylene Chloride	24	J
75-15-0	Carbon Disulfide	29	U
75-34-3	1,1-Dichloroethane	29	U
78-93-3	2-Butanone	59	U
540-59-0	1,2-Dichloroethene (total)	29	U
67-66-3	Chloroform	29	U
71-55-6	1,1,1-Trichloroethane	29	U
56-23-5	Carbon Tetrachloride	29	U
107-06-2	1,2-Dichloroethane	29	U
71-43-2	Benzene	29	U
79-01-6	Trichloroethene	29	U
78-87-5	1,2-Dichloropropane	29	U
75-27-4	Bromodichloromethane	29	U
108-10-1	4-Methyl-2-Pentanone	59	U
10061-01-5	cis-1,3-Dichloropropene	29	U
108-88-3	Toluene	29	U
10061-02-6	trans-1,3-Dichloropropene	29	U
79-00-5	1,1,2-Trichloroethane	29	U
591-78-6	2-Hexanone	59	U
127-18-4	Tetrachloroethene	29	U
124-48-1	Chlorodibromomethane	29	U
108-90-7	Chlorobenzene	29	U
100-41-4	Ethylbenzene	29	U
1330-20-7	Xylenes (total)	29	U
100-42-5	Styrene	29	U
75-25-2	Bromoform	29	U
79-34-5	1,1,2,2-Tetrachloroethane	29	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD2RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713235RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4605.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 83 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	29	U
541-73-1	1,3-Dichlorobenzene	29	U
106-46-7	1,4-Dichlorobenzene	460	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTSD2RE

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713235RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4605.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 83 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13235

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN10S1LTSD2

Percent Solids: 17.4

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2390			P
7440-36-0	Antimony	2.2	B	N	P
7440-38-2	Arsenic	16.0			P
7440-39-3	Barium	58.4	B		P
7440-41-7	Beryllium	0.11	U		P
7440-43-9	Cadmium	0.36	B		P
7440-70-2	Calcium	10000		N*	P
7440-47-3	Chromium	4.4	B	*	P
7440-48-4	Cobalt	5.7	B		P
7440-50-8	Copper	2.8	U	N*	P
7439-89-6	Iron	61500			P
7439-92-1	Lead	41.8			P
7439-95-4	Magnesium	654		N	P
7439-96-5	Manganese	82.9			P
7439-97-6	Mercury	2.3	B		CV
7440-02-0	Nickel	4.3	B		P
7440-09-7	Potassium	248	B	N	P
7782-49-2	Selenium	4.7			P
7440-22-4	Silver	0.55	U		P
7440-23-5	Sodium	231	B		P
7440-28-0	Thallium	0.53	U		F
7440-62-2	Vanadium	7.5	B		P
7440-66-6	Zinc	34.4			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713234

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4589.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	19	U
75-01-4	Vinyl Chloride	19	U
74-83-9	Bromomethane	19	U
75-00-3	Chloroethane	19	U
67-64-1	Acetone	260	
75-35-4	1,1-Dichloroethene	19	U
75-09-2	Methylene Chloride	19	U
75-15-0	Carbon Disulfide	19	U
75-34-3	1,1-Dichloroethane	19	U
78-93-3	2-Butanone	53	
540-59-0	1,2-Dichloroethene (total)	19	U
67-66-3	Chloroform	19	U
71-55-6	1,1,1-Trichloroethane	19	U
56-23-5	Carbon Tetrachloride	19	U
107-06-2	1,2-Dichloroethane	19	U
71-43-2	Benzene	19	U
79-01-6	Trichloroethene	19	U
78-87-5	1,2-Dichloropropane	19	U
75-27-4	Bromodichloromethane	19	U
108-10-1	4-Methyl-2-Pentanone	38	U
10061-01-5	cis-1,3-Dichloropropene	19	U
108-88-3	Toluene	19	U
10061-02-6	trans-1,3-Dichloropropene	19	U
79-00-5	1,1,2-Trichloroethane	19	U
591-78-6	2-Hexanone	38	U
127-18-4	Tetrachloroethene	19	U
124-48-1	Chlorodibromomethane	19	U
108-90-7	Chlorobenzene	19	U
100-41-4	Ethylbenzene	19	U
1330-20-7	Xylenes (total)	19	U
100-42-5	Styrene	19	U
75-25-2	Bromoform	19	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTSD1

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713234

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4589.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	19	U
541-73-1	1,3-Dichlorobenzene	19	U
106-46-7	1,4-Dichlorobenzene	19	U

EPA SAMPLE NO.

BN10S1LTSD1

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713234

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4589.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 74 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13234

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BN 10S1LTSD1

Percent Solids: 26.2

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	145			P
7440-36-0	Antimony	5.4		N	P
7440-38-2	Arsenic	485			P
7440-39-3	Barium	151			P
7440-41-7	Beryllium	0.07	U		P
7440-43-9	Cadmium	0.22	U		P
7440-70-2	Calcium	948		N*	P
7440-47-3	Chromium	1.5	U	*	P
7440-48-4	Cobalt	18.0	B		P
7440-50-8	Copper	184	U	N*	P
7439-89-6	Iron	734000			P
7439-92-1	Lead	4.7			P
7439-95-4	Magnesium	1430		N	P
7439-96-5	Manganese	1050			P
7439-97-6	Mercury	0.26	B		CV
7440-02-0	Nickel	9.0	B		P
7440-09-7	Potassium	26.1	U	N	P
7782-49-2	Selenium	11.6			P
7440-22-4	Silver	0.37	U		P
7440-23-5	Sodium	143	B		P
7440-28-0	Thallium	0.36	U		F
7440-62-2	Vanadium	1.1	U		P
7440-66-6	Zinc	71.3			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4601.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
67-64-1	Acetone	25	U
75-35-4	1,1-Dichloroethene	13	U
75-09-2	Methylene Chloride	13	U
75-15-0	Carbon Disulfide	13	U
75-34-3	1,1-Dichloroethane	13	U
78-93-3	2-Butanone	25	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
107-06-2	1,2-Dichloroethane	13	U
71-43-2	Benzene	13	U
79-01-6	Trichloroethene	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
108-10-1	4-Methyl-2-Pentanone	25	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	13	U
124-48-1	Chlorodibromomethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylenes (total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4601.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTXD2

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4601.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13239

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix: SOIL

Client ID: BW10S1LTXD2

Percent Solids: 40.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5620			P
7440-36-0	Antimony	0.78	B	N	P
7440-38-2	Arsenic	126			P
7440-39-3	Barium	27.5	B		P
7440-41-7	Beryllium	0.05	U		P
7440-43-9	Cadmium	0.14	U		P
7440-70-2	Calcium	1840		N*	P
7440-47-3	Chromium	6.2		*	P
7440-48-4	Cobalt	147			P
7440-50-8	Copper	2.0	B	N*	P
7439-89-6	Iron	102000			P
7439-92-1	Lead	22.7			P
7439-95-4	Magnesium	1480		N	P
7439-96-5	Manganese	1140			P
7439-97-6	Mercury	0.26	B		CV
7440-02-0	Nickel	9.6			P
7440-09-7	Potassium	263		N	P
7782-49-2	Selenium	3.4			P
7440-22-4	Silver	0.24	U		P
7440-23-5	Sodium	140	B		P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	8.0	B		P
7440-66-6	Zinc	21.7			P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	1	U
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

IE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QT001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713225

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5276.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QS001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713211

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4323.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	17	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QS001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713211

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4323.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QS001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713211

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4323.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 556-67-2	Cyclotetrasiloxane, octameth	21.85	3	J N cm[illegible]
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13211

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-QS001

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	56.0	U		P
7440-36-0	Antimony	1.1	B		P
7440-38-2	Arsenic	3.6	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	52.0	U		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.14	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	1.8	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
= "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
67-64-1	Acetone	5	U
75-35-4	1,1-Dichloroethene	1	U
75-09-2	Methylene Chloride	3	
75-15-0	Carbon Disulfide	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	16	
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
124-48-1	Chlorodibromomethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
1330-20-7	Xylenes (total)	1	U
100-42-5	Styrene	1	U
75-25-2	Bromoform	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U

IA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1QD001

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713210

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4319.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 1
METALS ANALYSIS DATA SHEET

LAB SAMPLE NUMBER

T13210

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix: WATER

Client ID: BN-10-S1-QD001

Percent Solids: 0.0

Date Received: 11/07/97

Results for: TOTAL metals

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	63.9	B		P
7440-36-0	Antimony	2.2	B		P
7440-38-2	Arsenic	4.4	B		P
7440-39-3	Barium	4.0	U		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.60	U		P
7440-70-2	Calcium	22.0	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	7.0	U		P
7440-50-8	Copper	5.0	U		P
7439-89-6	Iron	52.0	U		P
7439-92-1	Lead	1.0	U		P
7439-95-4	Magnesium	35.0	U		P
7439-96-5	Manganese	8.0	U		P
7439-97-6	Mercury	0.12	B		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	71.0	U		P
7782-49-2	Selenium	2.0	U		P
7440-22-4	Silver	2.3	B	N	P
7440-23-5	Sodium	81.0	U		P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	3.0	U		P
7440-66-6	Zinc	12.0	U		P

M = "P" ICP SW6010
M = "F" Graphite Furnace AA As by SW7060, Pb by SW7421, Se by SW7740, Tl by SW7841, Sb by 7041
M = "CV" Cold Vapor AA - waters by SW7470, soils by SW7471

Appendix D.8

MS/MSD Recovery Reports

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SD007MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4586.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	52	
75-01-4	Vinyl Chloride	50	
74-83-9	Bromomethane	43	
75-00-3	Chloroethane	59	
67-64-1	Acetone	120	
75-35-4	1,1-Dichloroethene	46	
75-09-2	Methylene Chloride	51	
75-15-0	Carbon Disulfide	50	
75-34-3	1,1-Dichloroethane	53	
78-93-3	2-Butanone	120	
540-59-0	1,2-Dichloroethene (total)	100	
67-66-3	Chloroform	51	
71-55-6	1,1,1-Trichloroethane	49	
56-23-5	Carbon Tetrachloride	49	
107-06-2	1,2-Dichloroethane	52	
71-43-2	Benzene	51	
79-01-6	Trichloroethene	50	
78-87-5	1,2-Dichloropropane	51	
75-27-4	Bromodichloromethane	47	
108-10-1	4-Methyl-2-Pentanone	94	
10061-01-5	cis-1,3-Dichloropropene	47	
108-88-3	Toluene	50	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	52	
591-78-6	2-Hexanone	120	
127-18-4	Tetrachloroethene	38	
124-48-1	Chlorodibromomethane	55	
108-90-7	Chlorobenzene	52	
100-41-4	Ethylbenzene	50	
1330-20-7	Xylenes (total)	150	
100-42-5	Styrene	50	
75-25-2	Bromoform	54	
79-34-5	1,1,2,2-Tetrachloroethane	61	

FORM I VOA

3/90

030277

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SD007MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4586.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound	ug/Kg	Q
95-50-1	1,2-Dichlorobenzene	51	
541-73-1	1,3-Dichlorobenzene	51	
106-46-7	1,4-Dichlorobenzene	51	

FORM I VOA

3/90

030278

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10S1SD007MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4586.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SD007MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4587.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	54	
75-01-4	Vinyl Chloride	51	
74-83-9	Bromomethane	44	
75-00-3	Chloroethane	62	
67-64-1	Acetone	130	
75-35-4	1,1-Dichloroethene	47	
75-09-2	Methylene Chloride	54	
75-15-0	Carbon Disulfide	50	
75-34-3	1,1-Dichloroethane	54	
78-93-3	2-Butanone	120	
540-59-0	1,2-Dichloroethene (total)	110	
67-66-3	Chloroform	53	
71-55-6	1,1,1-Trichloroethane	50	
56-23-5	Carbon Tetrachloride	48	
107-06-2	1,2-Dichloroethane	53	
71-43-2	Benzene	52	
79-01-6	Trichloroethene	49	
78-87-5	1,2-Dichloropropane	52	
75-27-4	Bromodichloromethane	46	
108-10-1	4-Methyl-2-Pentanone	96	
10061-01-5	cis-1,3-Dichloropropene	47	
108-88-3	Toluene	50	
10061-02-6	trans-1,3-Dichloropropene	46	
79-00-5	1,1,2-Trichloroethane	52	
591-78-6	2-Hexanone	120	
127-18-4	Tetrachloroethene	38	
124-48-1	Chlorodibromomethane	56	
108-90-7	Chlorobenzene	53	
100-41-4	Ethylbenzene	51	
1330-20-7	Xylenes (total)	150	
100-42-5	Styrene	50	
75-25-2	Bromoform	56	
79-34-5	1,1,2,2-Tetrachloroethane	65	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1SD007MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4587.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
95-50-1	1,2-Dichlorobenzene	51	
541-73-1	1,3-Dichlorobenzene	52	
106-46-7	1,4-Dichlorobenzene	50	

FORM I VOA

3/90

030234

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1SD007MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713232MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4587.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 9 Date Analyzed: 11/19/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 5
SPIKE SAMPLE RECOVERY

LAB SAMPLE NUMBER: T13232S

Laboratory: EA LABORATORIES

SDG No.: T13226

Matrix (soil/water): SOIL
% Solids for Sample: 90.7

S1-312057

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		6817.0199		6010.5272		214.23	376.5		P
Antimony	75-125	25.7495		0.7382		52.15	48.0	N	P
Arsenic	75-125	174.3413		2.7149		208.60	82.3		P
Barium	75-125	220.1526		28.0111		208.60	92.1		P
Beryllium	75-125	4.8627		0.0435	B	5.21	92.5		P
Cadmium	75-125	4.4213		0.0624	U	5.21	84.9		P
Calcium	75-125	1936.3199		1529.3681		1071.15	38.0	N	P
Chromium	75-125	38.5861		13.2635		20.86	121.4		P
Cobalt	75-125	50.2769		2.3348	B	52.15	91.9		P
Copper	75-125	28.7925		15.3706		26.78	50.1	N	P
Iron		11541.6340		11087.5520		104.30	435.4		P
Lead	75-125	49.2908		3.2633		52.15	88.3		P
Magnesium	75-125	4751.8405		3250.3945		1071.15	140.2	N	P
Manganese	75-125	175.2313		126.5301		52.15	93.4		P
Mercury	75-125	2.1759		0.0458	U	1.95	111.6		CV
Nickel	75-125	58.7397		7.1637		52.15	98.9		P
Potassium	75-125	3505.0439		1973.9770		1042.98	146.8	N	P
Selenium	75-125	170.5387		0.4529	B	208.60	81.5		P
Silver	75-125	44.1789		0.1040	U	52.15	84.7		P
Sodium	75-125	1101.8057		83.6226	B	1042.98	97.6		P
Thallium	75-125	2.9375		0.1031	U	2.52	116.6		F
Vanadium	75-125	64.2748		13.7336		52.15	96.9		P
Zinc	75-125	79.2523		28.0597		53.56	95.6		P

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD2MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4602.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound	ug/Kg	Q
74-87-3	Chloromethane	120	
75-01-4	Vinyl Chloride	120	
74-83-9	Bromomethane	83	
75-00-3	Chloroethane	130	
67-64-1	Acetone	330	
75-35-4	1,1-Dichloroethene	90	
75-09-2	Methylene Chloride	98	
75-15-0	Carbon Disulfide	100	
75-34-3	1,1-Dichloroethane	100	
78-93-3	2-Butanone	230	
540-59-0	1,2-Dichloroethene (total)	200	
67-66-3	Chloroform	99	
71-55-6	1,1,1-Trichloroethane	97	
56-23-5	Carbon Tetrachloride	90	
107-06-2	1,2-Dichloroethane	99	
71-43-2	Benzene	100	
79-01-6	Trichloroethene	98	
78-87-5	1,2-Dichloropropane	98	
75-27-4	Bromodichloromethane	84	
108-10-1	4-Methyl-2-Pentanone	170	
10061-01-5	cis-1,3-Dichloropropene	89	
108-88-3	Toluene	100	
10061-02-6	trans-1,3-Dichloropropene	84	
79-00-5	1,1,2-Trichloroethane	95	
591-78-6	2-Hexanone	210	
127-18-4	Tetrachloroethene	78	
124-48-1	Chlorodibromomethane	93	
108-90-7	Chlorobenzene	100	
100-41-4	Ethylbenzene	100	
1330-20-7	Xylenes (total)	310	
100-42-5	Styrene	98	
75-25-2	Bromoform	90	
79-34-5	1,1,2,2-Tetrachloroethane	100	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD2MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4602.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS No.	Compound	ug/Kg	Q
95-50-1	1,2-Dichlorobenzene	100	
541-73-1	1,3-Dichlorobenzene	100	
106-46-7	1,4-Dichlorobenzene	99	

FORM I VOA

3/90

030290

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTXD2MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239MS

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4602.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10S1LTXD2MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4603.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
74-87-3	Chloromethane	110	
75-01-4	Vinyl Chloride	100	
74-83-9	Bromomethane	86	
75-00-3	Chloroethane	130	
67-64-1	Acetone	440	
75-35-4	1,1-Dichloroethene	100	
75-09-2	Methylene Chloride	110	
75-15-0	Carbon Disulfide	120	
75-34-3	1,1-Dichloroethane	120	
78-93-3	2-Butanone	280	
540-59-0	1,2-Dichloroethene (total)	230	
67-66-3	Chloroform	120	
71-55-6	1,1,1-Trichloroethane	110	
56-23-5	Carbon Tetrachloride	97	
107-06-2	1,2-Dichloroethane	110	
71-43-2	Benzene	120	
79-01-6	Trichloroethene	110	
78-87-5	1,2-Dichloropropane	110	
75-27-4	Bromodichloromethane	96	
108-10-1	4-Methyl-2-Pentanone	210	
10061-01-5	cis-1,3-Dichloropropene	100	
108-88-3	Toluene	120	
10061-02-6	trans-1,3-Dichloropropene	99	
79-00-5	1,1,2-Trichloroethane	110	
591-78-6	2-Hexanone	250	
127-18-4	Tetrachloroethene	89	
124-48-1	Chlorodibromomethane	110	
108-90-7	Chlorobenzene	120	
100-41-4	Ethylbenzene	120	
1330-20-7	Xylenes (total)	360	
100-42-5	Styrene	110	
75-25-2	Bromoform	100	
79-34-5	1,1,2,2-Tetrachloroethane	130	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1LTXD2MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4603.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q
95-50-1	1,2-Dichlorobenzene	110	
541-73-1	1,3-Dichlorobenzene	110	
106-46-7	1,4-Dichlorobenzene	110	

FORM I VOA

3/90

030236

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1LTXD2MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: #9713239MSD

Sample wt/vol: 5.0 (g/mL) G Lab File ID: VH8B4603.D

Level: (low/med) LOW Date Received: 11/7/97

% Moisture: not dec. 60 Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW004MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4281.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	11	
75-01-4	Vinyl Chloride	22	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	12	
67-64-1	Acetone	17	
75-35-4	1,1-Dichloroethene	8	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	8	
75-34-3	1,1-Dichloroethane	8	
78-93-3	2-Butanone	20	
540-59-0	1,2-Dichloroethene (total)	20	
67-66-3	Chloroform	8	
71-55-6	1,1,1-Trichloroethane	8	
56-23-5	Carbon Tetrachloride	7	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	7	
78-87-5	1,2-Dichloropropane	9	
75-27-4	Bromodichloromethane	8	
108-10-1	4-Methyl-2-Pentanone	20	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	8	
10061-02-6	trans-1,3-Dichloropropene	9	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	20	
127-18-4	Tetrachloroethene	6	
124-48-1	Chlorodibromomethane	10	
108-90-7	Chlorobenzene	21	
100-41-4	Ethylbenzene	8	
1330-20-7	Xylenes (total)	25	
100-42-5	Styrene	9	
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	10	

FORM I VOA

3/90

030370

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW004MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4281.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	9	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	14	

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10S1MW004MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4281.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW004MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4282.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	11	
75-01-4	Vinyl Chloride	21	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	12	
67-64-1	Acetone	19	
75-35-4	1,1-Dichloroethene	12	
75-09-2	Methylene Chloride	12	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	12	
78-93-3	2-Butanone	21	
540-59-0	1,2-Dichloroethene (total)	28	
67-66-3	Chloroform	12	
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	12	
71-43-2	Benzene	12	
79-01-6	Trichloroethene	11	
78-87-5	1,2-Dichloropropane	12	
75-27-4	Bromodichloromethane	11	
108-10-1	4-Methyl-2-Pentanone	22	
10061-01-5	cis-1,3-Dichloropropene	11	
108-88-3	Toluene	11	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	12	
591-78-6	2-Hexanone	22	
127-18-4	Tetrachloroethene	9	
124-48-1	Chlorodibromomethane	13	
108-90-7	Chlorobenzene	23	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylenes (total)	34	
100-42-5	Styrene	11	
75-25-2	Bromoform	12	
79-34-5	1,1,2,2-Tetrachloroethane	13	

FORM I VOA

3/90

030376

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1MW004MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4282.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	12	
541-73-1	1,3-Dichlorobenzene	12	
106-46-7	1,4-Dichlorobenzene	18	

FORM I VOA

3/90

030377

EPA SAMPLE NO.

BN10S1MW004MSD

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713325MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4282.D

Level: (low/med) _____ Date Received: 11/8/97

% Moisture: not dec. _____ Date Analyzed: 11/17/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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EPA SW846

FORM 5
SPIKE SAMPLE RECOVERY

LAB SAMPLE NUMBER

T13325S

Laboratory: EA LABORATORIES

SDG No.: T13322

Matrix (soil/water): WATER
% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	1595.3000		102.4800	B	2000.00	74.6	N	P
Antimony	75-125	380.5705		2.8474	B	500.00	75.5		P
Arsenic	75-125	1565.2510		2.0000	U	2000.00	78.3		P
Barium	75-125	1531.8000		7.9511	B	2000.00	76.2		P
Beryllium	75-125	37.5640		0.2000	U	50.00	75.1		P
Cadmium	75-125	36.0327		0.6000	U	50.00	72.1	N	P
Calcium	75-125	32006.0000		27647.0000		10000.00	43.6	N	P
Chromium	75-125	155.7800		4.0000	U	200.00	77.9		P
Cobalt	75-125	393.3800		14.3490	B	500.00	75.8		P
Copper	75-125	330.9200		5.0000	U	250.00	132.4	N	P
Iron	75-125	904.0900		155.9700		1000.00	74.8	N	P
Lead	75-125	370.5570		1.0000	U	500.00	74.1	N	P
Magnesium	75-125	14161.0000		7648.1000		10000.00	65.1	N	P
Manganese		2181.5000		2092.8000		500.00	17.7		P
Mercury	75-125	3.9000		0.1000	U	4.00	97.5		CV
Nickel	75-125	380.3500		5.0000	U	500.00	76.1		P
Potassium	75-125	9311.4010		1907.4000		10000.00	74.0	N	P
Selenium	75-125	1503.4109		2.0000	U	2000.00	75.2		P
Silver	75-125	373.0442		4.0000	U	500.00	74.6	N	P
Sodium	75-125	20873.0000		15592.0000		10000.00	52.8	N	P
Thallium	75-125	22.7400		1.0000	U	25.00	91.0		F
Vanadium	75-125	384.5600		3.0000	U	500.00	76.9		P
Zinc	75-125	404.7900		12.0000	U	500.00	81.0		P

Comments:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW016MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4571.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	11	
67-64-1	Acetone	17	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	16	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	8	
108-10-1	4-Methyl-2-Pentanone	15	
10061-01-5	cis-1,3-Dichloropropene	8	
108-88-3	Toluene	9	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	9	
124-48-1	Chlorodibromomethane	8	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	27	
100-42-5	Styrene	9	
75-25-2	Bromoform	8	
79-34-5	1,1,2,2-Tetrachloroethane	7	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW016MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4571.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	8	
541-73-1	1,3-Dichlorobenzene	8	
106-46-7	1,4-Dichlorobenzene	8	

FORM I VOA

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW016MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4571.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW016MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4572.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	4	
75-00-3	Chloroethane	12	
67-64-1	Acetone	20	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	10	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	19	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9	
56-23-5	Carbon Tetrachloride	8	
107-06-2	1,2-Dichloroethane	10	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	8	
108-10-1	4-Methyl-2-Pentanone	16	
10061-01-5	cis-1,3-Dichloropropene	7	
108-88-3	Toluene	8	
10061-02-6	trans-1,3-Dichloropropene	7	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	8	
124-48-1	Chlorodibromomethane	8	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	27	
100-42-5	Styrene	9	
75-25-2	Bromoform	8	
79-34-5	1,1,2,2-Tetrachloroethane	7	

IA

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW016MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4572.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	8	
541-73-1	1,3-Dichlorobenzene	8	
106-46-7	1,4-Dichlorobenzene	8	

FORM I VOA

030471

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW016MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713819MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4572.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW030MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4586.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	12	
67-64-1	Acetone	17	
75-35-4	1,1-Dichloroethene	10	
75-09-2	Methylene Chloride	11	
75-15-0	Carbon Disulfide	12	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	17	
540-59-0	1,2-Dichloroethene (total)	41	E
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	22	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	40	E
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	8	
108-10-1	4-Methyl-2-Pentanone	16	
10061-01-5	cis-1,3-Dichloropropene	8	
108-88-3	Toluene	9	
10061-02-6	trans-1,3-Dichloropropene	7	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	18	
127-18-4	Tetrachloroethene	51	E
124-48-1	Chlorodibromomethane	8	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	28	
100-42-5	Styrene	9	
75-25-2	Bromoform	8	
79-34-5	1,1,2,2-Tetrachloroethane	7	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW030MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4586.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound	ug/L	Q
95-50-1	1,2-Dichlorobenzene	8	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

000359

FORM I VOA

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW030MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4586.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW030MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4587.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	12	
75-00-3	Chloroethane	12	
67-64-1	Acetone	18	
75-35-4	1,1-Dichloroethene	11	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	18	
540-59-0	1,2-Dichloroethene (total)	41	E
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	21	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	40	E
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	8	
108-10-1	4-Methyl-2-Pentanone	15	
10061-01-5	cis-1,3-Dichloropropene	8	
108-88-3	Toluene	9	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	8	
591-78-6	2-Hexanone	17	
127-18-4	Tetrachloroethene	50	E
124-48-1	Chlorodibromomethane	7	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	27	
100-42-5	Styrene	9	
75-25-2	Bromoform	7	
79-34-5	1,1,2,2-Tetrachloroethane	7	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW030MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4587.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	8	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

000365

FORM I VOA

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPMW030MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713990MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4587.D

Level: (low/med) _____ Date Received: 11/17/97

% Moisture: not dec. _____ Date Analyzed: 11/27/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW007MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4321.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	10	
67-64-1	Acetone	15	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	9	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	16	
540-59-0	1,2-Dichloroethene (total)	20	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	10	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	9	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	17	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	17	
127-18-4	Tetrachloroethene	8	
124-48-1	Chlorodibromomethane	10	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	29	
100-42-5	Styrene	9	
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	9	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW007MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4321.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	9	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

FORM I VOA

030365

3/90

EPA SAMPLE NO.

BN10S1SW007MS

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4321.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW007MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4322.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	8	
75-01-4	Vinyl Chloride	9	
74-83-9	Bromomethane	9	
75-00-3	Chloroethane	9	
67-64-1	Acetone	15	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	9	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	13	
540-59-0	1,2-Dichloroethene (total)	20	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	9	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	17	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	9	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	16	
127-18-4	Tetrachloroethene	8	
124-48-1	Chlorodibromomethane	10	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	28	
100-42-5	Styrene	9	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	9	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10S1SW007MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713219MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4322.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound	ug/L	Q
95-50-1	1,2-Dichlorobenzene	9	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10S1SW007MS

Lab Name: EA LABORATORIES Contract:

Lab Code: EA ENG Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: #9713219MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4322.D

Level: (low/med) Date Received: 11/7/97

% Moisture: not dec. Date Analyzed: 11/18/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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EPA SW846

FORM 5
SPIKE SAMPLE RECOVERY

LAB SAMPLE NUMBER

T13219S

Laboratory: EA LABORATORIES

SDG No.: T13210

Matrix (soil/water): WATER
% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	3155.3000		1242.9000		2000.00	95.6		P
Antimony	75-125	485.0925		2.2061	B	500.00	96.6		P
Arsenic	75-125	1765.4543		6.7718	B	2000.00	87.9		P
Barium	75-125	2006.9000		48.6690	B	2000.00	97.9		P
Beryllium	75-125	43.6270		0.2000	U	50.00	87.3		P
Cadmium	75-125	44.6289		0.6000	U	50.00	89.3		P
Calcium		52772.0000		42903.0000		10000.00	98.7		P
Chromium	75-125	190.1700		4.0000	U	200.00	95.1		P
Cobalt	75-125	423.4900		7.0000	U	500.00	84.7		P
Copper	75-125	221.9200		5.0000	U	250.00	88.8		P
Iron		19617.0000		18535.0000		1000.00	108.2		P
Lead	75-125	436.4970		1.0000	U	500.00	87.3		P
Magnesium	75-125	14207.0000		4915.9000		10000.00	92.9		P
Manganese		2735.0000		2235.6000		500.00	99.9		P
Mercury	75-125	4.3000		0.1900	B	4.00	102.8		CV
Nickel	75-125	480.6500		5.0000	U	500.00	96.1		P
Potassium	75-125	13889.0000		3846.7000		10000.00	100.4		P
Selenium	75-125	1771.6614		2.0000	U	2000.00	88.6		P
Silver	75-125	28.0800		1.8314	B	50.00	52.5	N	P
Sodium	75-125	32249.0000		22491.0000		10000.00	97.6		P
Thallium	75-125	26.1800		1.0000	U	25.00	104.7		F
Vanadium	75-125	455.3300		3.0000	U	500.00	91.1		P
Zinc	75-125	475.7700		35.1530		500.00	88.1		P

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPMW004MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4675.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	9	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	10	
67-64-1	Acetone	15	
75-35-4	1,1-Dichloroethene	10	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	22	
540-59-0	1,2-Dichloroethene (total)	21	
67-66-3	Chloroform	9	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	8	
107-06-2	1,2-Dichloroethane	7	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	9	
75-27-4	Bromodichloromethane	8	
108-10-1	4-Methyl-2-Pentanone	18	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	9	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	8	
108-90-7	Chlorobenzene	8	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	28	
100-42-5	Styrene	9	
75-25-2	Bromoform	8	
79-34-5	1,1,2,2-Tetrachloroethane	10	

FORM I VOA 3/90

030537

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW004MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4675.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	

FORM I VOA

3/90

030538

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW004MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4675.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW004MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4676.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	9	
74-83-9	Bromomethane	10	
75-00-3	Chloroethane	10	
67-64-1	Acetone	15	
75-35-4	1,1-Dichloroethene	10	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	22	
540-59-0	1,2-Dichloroethene (total)	21	
67-66-3	Chloroform	9	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	8	
107-06-2	1,2-Dichloroethane	7	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	9	
75-27-4	Bromodichloromethane	8	
108-10-1	4-Methyl-2-Pentanone	19	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	9	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	21	
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylenes (total)	28	
100-42-5	Styrene	9	
75-25-2	Bromoform	8	
79-34-5	1,1,2,2-Tetrachloroethane	11	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPMW004MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4676.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	

FORM I VOA 3/90

030544

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
BN10EPMW004MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713531MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4676.D

L vel: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/24/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPTE001MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4746.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	3	
75-00-3	Chloroethane	11	
67-64-1	Acetone	20	
75-35-4	1,1-Dichloroethene	8	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	11	
78-93-3	2-Butanone	20	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	13	
71-55-6	1,1,1-Trichloroethane	130	E
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	11	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	11	
75-27-4	Bromodichloromethane	10	
108-10-1	4-Methyl-2-Pentanone	20	
10061-01-5	cis-1,3-Dichloropropene	4	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	7	
79-00-5	1,1,2-Trichloroethane	11	
591-78-6	2-Hexanone	22	
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylenes (total)	30	
100-42-5	Styrene	3	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	11	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPTE001MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4746.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound	ug/L	Q
95-50-1	1,2-Dichlorobenzene	9	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

FORM I VOA

3/90

030453

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPTE001MS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4746.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
BN10EPTE001MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4747.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	2	
75-00-3	Chloroethane	11	
67-64-1	Acetone	20	
75-35-4	1,1-Dichloroethene	8	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	11	
78-93-3	2-Butanone	10	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	13	
71-55-6	1,1,1-Trichloroethane	130	E
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	11	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	11	
75-27-4	Bromodichloromethane	10	
108-10-1	4-Methyl-2-Pentanone	20	
10061-01-5	cis-1,3-Dichloropropene	2	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	6	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	22	
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	10	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylenes (total)	31	
100-42-5	Styrene	2	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	12	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BN10EPTE001MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4747.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	

FORM I VOA

030459

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BN10EPTE001MSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714104MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4747.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713945MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4714.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	11	
67-64-1	Acetone	17	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	18	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	10	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	13	
78-87-5	1,2-Dichloropropane	11	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	17	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	8	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylenes (total)	31	
100-42-5	Styrene	10	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	12	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Cod : EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/wat r) WATER Lab Sample ID: 9713945MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4714.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound	ug/L	Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	

FORM I VOA 3/90

030590

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
REFERENCEMS

Lab Nam : EA LABORATORIES Contract: _____

Lab Cod : EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713945MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4714.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713945MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4715.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	11	
67-64-1	Acetone	17	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	21	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	10	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	13	
78-87-5	1,2-Dichloropropane	11	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	17	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	20	
127-18-4	Tetrachloroethene	8	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylenes (total)	31	
100-42-5	Styrene	10	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	12	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/wat r) WATER Lab Sample ID: 9713945MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4715.D

Level: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9713945MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4715.D

L vel: (low/med) _____ Date Received: 11/12/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713733MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5297.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	12	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	13	
75-00-3	Chloroethane	12	
67-64-1	Acetone	15	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	9	
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	15	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	18	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	9	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	28	
100-42-5	Styrene	9	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	9	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713733MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5297.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713733MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5297.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713733MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5298.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound	ug/L	Q
74-87-3	Chloromethane	13	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	13	
75-00-3	Chloroethane	12	
67-64-1	Acetone	17	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	10	
75-15-0	Carbon Disulfide	9	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	16	
540-59-0	1,2-Dichloroethene (total)	20	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	9	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	18	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	9	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	28	
100-42-5	Styrene	10	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	10	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713733MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5298.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713733MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VA1B5298.D

Level: (low/med) _____ Date Received: 11/7/97

% Moisture: not dec. _____ Date Analyzed: 11/20/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713562MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4729.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	12	
75-00-3	Chloroethane	11	
67-64-1	Acetone	16	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	18	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	17	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylenes (total)	31	
100-42-5	Styrene	10	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	11	

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713562MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4729.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	

030430

FORM I VOA

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713562MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4729.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCEMSD

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9713240MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SC3B5718

Level: (low/med) LOW Date Received: 11/07/97

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/12/97

Concentrated Extract Volume: 500 (uL) Date Analyzed: 12/02/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
108-95-2	Phenol	88	
111-44-4	bis-(2-Chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	86	
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	74	
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	89	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	79	
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	82	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	85	
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	85	
132-64-9	Dibenzofuran	10	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO:

REFERENCEMSD

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9713240MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SC3B5718

Level: (low/med) LOW Date Received: 11/07/97

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/12/97

Concentrated Extract Volume: 500 (uL) Date Analyzed: 12/02/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
121-14-2	2,4-Dinitrotoluene	100	
606-20-2	2,6-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	67	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	49	
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	83	
85-68-7	Butylbenzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	4	J
56-55-3	Benz[a]anthracene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	8	BJ
218-01-9	Chrysene	10	U
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo[b]fluoranthene	10	U
207-08-9	Benzo[k]fluoranthene	10	U
50-32-8	Benzo[a]pyrene	10	U
193-39-5	Indeno[1,2,3-cd]pyrene	10	U
53-70-3	Dibenz[ah]anthracene	10	U
191-24-2	Benzo[ghi]perylene	10	U

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO:

REFERENCEMSD

Lab Name: EA LABS Contract:

Lab Code: EAENG Case No: SAS No.: _____ SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 9713240MSD

Sample wt/vol: 500 (g/mL) ML Lab File ID: SC3B5718

Level: (low/med) LOW Date Received: 11/07/97

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/12/97

Concentrated Extract Volume: 500 (uL) Date Analyzed: 12/02/97

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____

Number TICS found: 0

CONCENTRATION UNITS
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713562MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4730.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	11	
75-01-4	Vinyl Chloride	12	
74-83-9	Bromomethane	12	
75-00-3	Chloroethane	12	
67-64-1	Acetone	16	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	19	
540-59-0	1,2-Dichloroethene (total)	19	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	10	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	17	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9	
79-00-5	1,1,2-Trichloroethane	10	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	8	
124-48-1	Chlorodibromomethane	9	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	11	
1330-20-7	Xylenes (total)	31	
100-42-5	Styrene	10	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	11	

020435

FORM I VOA

3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713562MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4730.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	10	
541-73-1	1,3-Dichlorobenzene	10	
106-46-7	1,4-Dichlorobenzene	10	

FORM I VOA

030436

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9713562MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4730.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 11/26/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714313MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4870.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	9	
75-01-4	Vinyl Chloride	10	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	11	
67-64-1	Acetone	16	
75-35-4	1,1-Dichloroethene	8	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	10	
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	19	
540-59-0	1,2-Dichloroethene (total)	25	
67-66-3	Chloroform	19	
71-55-6	1,1,1-Trichloroethane	9	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	18	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	17	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	18	
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	8	
108-90-7	Chlorobenzene	10	
100-41-4	Ethylbenzene	10	
1330-20-7	Xylenes (total)	29	
100-42-5	Styrene	10	
75-25-2	Bromoform	8	
79-34-5	1,1,2,2-Tetrachloroethane	10	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714313MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4870.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	9	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714313MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4870.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714313MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4871.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	10	
75-01-4	Vinyl Chloride	11	
74-83-9	Bromomethane	11	
75-00-3	Chloroethane	11	
67-64-1	Acetone	17	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	11	
75-34-3	1,1-Dichloroethane	10	
78-93-3	2-Butanone	20	
540-59-0	1,2-Dichloroethene (total)	26	
67-66-3	Chloroform	19	
71-55-6	1,1,1-Trichloroethane	9	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	9	
71-43-2	Benzene	10	
79-01-6	Trichloroethene	17	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	18	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	10	
10061-02-6	trans-1,3-Dichloropropene	9	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	19	
127-18-4	Tetrachloroethene	7	
124-48-1	Chlorodibromomethane	8	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	29	
100-42-5	Styrene	9	
75-25-2	Bromoform	8	
79-34-5	1,1,2,2-Tetrachloroethane	10	

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714313MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4871.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	9	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714313MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VH8B4871.D

Level: (low/med) _____ Date Received: 11/14/97

% Moisture: not dec. _____ Date Analyzed: 12/3/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714424MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4829.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	7	
75-01-4	Vinyl Chloride	9	
74-83-9	Bromomethane	7	
75-00-3	Chloroethane	10	
67-64-1	Acetone	21	
75-35-4	1,1-Dichloroethene	8	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	8	
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	21	
540-59-0	1,2-Dichloroethene (total)	17	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	9	
56-23-5	Carbon Tetrachloride	9	
107-06-2	1,2-Dichloroethane	10	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	7	
78-87-5	1,2-Dichloropropane	9	
75-27-4	Bromodichloromethane	10	
108-10-1	4-Methyl-2-Pentanone	13	
10061-01-5	cis-1,3-Dichloropropene	9	
108-88-3	Toluene	9	
10061-02-6	trans-1,3-Dichloropropene	10	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	21	
127-18-4	Tetrachloroethene	6	
124-48-1	Chlorodibromomethane	10	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	23	
100-42-5	Styrene	8	
75-25-2	Bromoform	9	
79-34-5	1,1,2,2-Tetrachloroethane	8	

C30381

FORM I VOA

3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714424MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4829.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
95-50-1	1,2-Dichlorobenzene	8	
541-73-1	1,3-Dichlorobenzene	9	
106-46-7	1,4-Dichlorobenzene	9	

FORM I VOA

030382

3/90

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMS

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714424MS

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4829.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714424MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4830.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
74-87-3	Chloromethane	3	
75-01-4	Vinyl Chloride	9	
74-83-9	Bromomethane	8	
75-00-3	Chloroethane	10	
67-64-1	Acetone	20	
75-35-4	1,1-Dichloroethene	9	
75-09-2	Methylene Chloride	9	
75-15-0	Carbon Disulfide	8	
75-34-3	1,1-Dichloroethane	9	
78-93-3	2-Butanone	18	
540-59-0	1,2-Dichloroethene (total)	18	
67-66-3	Chloroform	10	
71-55-6	1,1,1-Trichloroethane	10	
56-23-5	Carbon Tetrachloride	10	
107-06-2	1,2-Dichloroethane	10	
71-43-2	Benzene	9	
79-01-6	Trichloroethene	7	
78-87-5	1,2-Dichloropropane	10	
75-27-4	Bromodichloromethane	9	
108-10-1	4-Methyl-2-Pentanone	12	
10061-01-5	cis-1,3-Dichloropropene	8	
108-88-3	Toluene	8	
10061-02-6	trans-1,3-Dichloropropene	8	
79-00-5	1,1,2-Trichloroethane	9	
591-78-6	2-Hexanone	20	
127-18-4	Tetrachloroethene	6	
124-48-1	Chlorodibromomethane	10	
108-90-7	Chlorobenzene	9	
100-41-4	Ethylbenzene	9	
1330-20-7	Xylenes (total)	27	
100-42-5	Styrene	9	
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	8	

FORM I VOA

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714424MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4830.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units: (ug/L or ug/Kg) ug/L

CAS No.	Compound		Q
95-50-1	1,2-Dichlorobenzene	8	
541-73-1	1,3-Dichlorobenzene	8	
106-46-7	1,4-Dichlorobenzene	8	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

REFERENCEMSD

Lab Name: EA LABORATORIES Contract: _____

Lab Code: EA ENG Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: #9714424MSD

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: VE5B4830.D

Level: (low/med) _____ Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 12/15/97

GC Column: RTX 502.2 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

Concentration Units: (ug/L or ug/Kg) ug/L

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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