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Attachment D – OU-1 LTMP Historical Summary of Chemical Analytical Data

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OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-108		LOWER AQUIFER								
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2000
SAMPLING DATE	28-Jun-94	7-Nov-94	2-Jul-96	6-May-97	8-May-98	12-May-99 Pbag - A	12-May-99 Pbag - B	12-May-99 Pbag - C	13-May-99 Low-f	6-Oct-99	22-Sep-00
Acetone						3.3BL	3.1BL	3.5BL	7.7BL		
Carbon disulfide											0.1B
Chloromethane				0.6							0.25M
1,1-Dichlorethane			.55j								0.24M
1,1-Dichlorethylene											0.16M
cis-1,2-Dichlorethene										19	35.92M
trans-1,2-Dichlorethene											0.32M
1,2-Dichlorethene (total)	8.8	9.5	37	28	210	22	25	26	7.4		
Chloroform				.48j							
Methylene chloride											0.4B
Trichlorethene	12	12	20	15	470	21	12	14	16	14	18.1M
TOTAL VOCs	20.8	21.5	57.55j	44.08j	680	43	37	40	23.4	33	55.49

MONITORING WELL:	B-108	LOWER AQUIFER
SAMPLING ROUND	LTMP 2001	
SAMPLING DATE	5-Sep-01	
Benzene	0.27F	
Chloromethane	0.25F	
Dichloromethane	0.6J	
1,1-Dichloroethane	0.62	
1,1-Dichloroethene	0.41F	
cis-1,2-Dichloroethene	78.68	
trans-1,2-Dichloroethene	0.11F	
Dichlorodifluoromethane	0.3F	
Trichloroethene	37.1	
Vinyl chloride	0.45F	
TOTAL VOCs	118.79	

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-111		LOWER AQUIFER								
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999
SAMPLING DATE	1-Jul-94	7-Nov-94	28-Jun-96	20-May-97	11-May-98	10-May-99 Pbag - A	10-May-99 Pbag - B	10-May-99 Pb-B Dup	10-May-99 Pbag - C	12-May-99 Low-f	15-Nov-99 Pbag - B
Acetone						14B	8.1BL	5.7BL	19B		
1,1-Dichloroethane	1	1.2	1	.89j							1.0L
1,1-Dichloroethene				.63j							
1,2-Dichloroethene (total)	8.8	13	9.2	7.9	5.6	7.8	8.2	8.9	9.1	5.9	30
2-Butanone (MEK)						7.1L					
Trichloroethene	6.1	8.6	7.8	5.9	16	65	85	84	77	47	*100
methyl-t-Butyl Ether											3.2L
TOTAL VOCs	15.9	22.8	18.0	15.32j	21.6	79.9L	93.2	92.9	86.1	52.9	134.2L

SAMPLING ROUND	LTMP 1999	LTMP 2000	LTMP 2001	LTMP 2001
SAMPLING DATE	13-Nov-99	27-Nov-00	26-Nov-01	26-Nov-01 Duplicate
Methylene Chloride	1.6b	1F		
1,1-Dichloroethane		1.77	0.85	0.84
1,1-Dichloroethene		1.42M	0.31F	0.34F
cis-1,2-Dichloroethene	18	132.16M	29.31	28.61
trans-1,2-Dichloroethene		2.6M		
Benzene		1.33		
Trichloroethene	72	104.6M	9.3	9.1
Carbon Disulfide		1.19F		
Vinyl chloride			0.27F	0.28F
TOTAL VOCs	91.6J	246.1	40.04	39.17

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-115		LOWER AQUIFER					
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP-1999	LTMP-2000	LTMP-2002
SAMPLING DATE	22-Jun-94	11-Nov-94	9-Jul-96	12-May-97	18-May-98	6-Oct-99	22-Sep-00	5-Sep-01
Vinyl Chloride						16	33.66M	40.46M
Methylene Chloride						22b	0.2B	
Acetone						50	8.2R	
Benzene							1.34	2.33F
chloromethane							0.22M	
1,1-Dichloroethane			44j				1.98M	2.89F
1,1-Dichloroethene			28j				1.02M	3.15F
1,2-Dichloroethane							0.13F	
cis-1,2-Dichloroethene						190	382.21	985.34
trans-1,2-Dichloroethene							8.5M	2.82F
1,2-Dichloroethene (total)	4,800	2,800	3,100	1,800	380			
Toluene							2.61	2.62F
Trichlorethene	7,500	2,800	1,200	6,000	960	270	29.4M	379.4
TOTAL VOCs	12,300	5,600	4372j	7,800	1,340	548b	461.27	1419.01

MONITORING WELL:	B-118		SURFACE AQUIFER					
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP-1999	LTMP-2000	LTMP-2002
SAMPLING DATE	20-Jun-94	Not Sampled	17-Jun-96	16-May-97	26-May-97	13-Nov-99	29-Nov-00	18-Apr-02
1,1-Dichlorethane			1.2	.52j			2.27F	
1,1-Dichlorethene			.64j					
cis-1,2-Dichlorethene						100	380.36M	12.32
1,2-Dichlorethene (total)	71		.62j	58	66			
Trichlorethene	47		20	5.1	34	4.2J	26.7B	0.4F
Benzene			.98j					
Tetrachlorethene	3.1		1.2	.57j	1.1			0.38F
Toluene			.52j					
Ethylbenzene			.63j					
trans-1,2-Dichlorethene						100	3.35M	0.53F
TOTAL VOCs	121.1		25.79j	64.19j	101.1	104.2J	412.7	13.63

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-122		LOWER AQUIFER						
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	Round 11	LTMP-2000	LTMP-2001	LTMP-2002
SAMPLING DATE	21-Jun-94	4-Nov-94	17-Jun-96	16-May-97	26-May-97	26-May-97 Duplicate	17-Apr-00	18-Jan-01	18-Apr-02
1,1-Dichloroethane	9.9	11	12	11	9.6	9.2	6.26	7.42	4.84
1,1-Dichloroethene		1.2	1.6	1.4			.41F	0.4F	.44F
1,2-Dichloroethane							.2F	0.24F	
1,4-dichlorobenzene								0.17F	
Benzene							.22F	0.28F	0.15F
cis-1,2-Dichloroethene							8.37	9.96	7.82
trans-1,2-Dichloroethene							0.71	0.97	
1,2-Dichloroethene (total)	14	15	19	17	14	14			
Trichloroethene	1.8		3	2.4	2.6	2.3	1.1M	1.2	1
TOTAL VOCs	25.7	27.2	35.6	31.8	26.2	25.5	16.63	20.64	14.25

MONITORING WELL:	B-125		LOWER AQUIFER					
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP-2000	LTMP-2001	LTMP-2002
SAMPLING DATE	21-Jun-94	4-Nov-94	18-Jun-96	22-May-97	27-May-98	17-Apr-00	18-Jan-01	18-Apr-02
1,1-Dichloroethane	4.8	4.5	4.5	4.9	3.9	2.29	1.19	0.8
1,1-Dichloroethene			.71j	1.1		.22F	0.1F	
cis-1,2-Dichloroethene						2.65	1.92	1.52
1,2-Dichloroethene (total)	5.5	5.3	6.0	6.5	5.6			
Tetrachloroethene						.12F		
Toluene							8.37	
trans-1,2-Dichloroethene						.17F		
Trichloroethene	1.4	1.6	1.6	2.2	1.8	.8M	0.4F	0.5F
TOTAL VOCs	11.7	11.4	12.81j	14.7	11.3	6.25	11.98	2.82

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-126		LOWER AQUIFER								
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999
SAMPLING DATE	1-Jul-94	7-Nov-94	26-Jun-96	8-May-97	13-May-98	10-May-99 Pbag - A	10-May-99 Pbag - B	10-May-99 Pbag - C	12-May-99 Low-f	15-Nov-99 Pbag - A	15-Nov-99 Pbag - B
Vinyl Chloride	9	13	9.1	13							
Acetone						5.2BL	5.8BL	4.1B	4.9BL		
1,1-Dichloroethane	5.5	6.4	4.1	4.7							
1,1-Dichloroethene	1.6	1.9	1.6	2.3							
cis-1,2-Dichloroethene											
1,2-Dichloroethene (total)	170	170	95	100	21	8.4	14	11	11	22	24
Trichloroethene	43	45	39	46	41	15	22	20	19	30	30
methyl-t-Butyl Ether											6.5
TOTAL VOCs	229	236	149	166	62	23.4	36	31	30	52	60.5

MONITORING WELL:	B-126		LOWER AQUIFER	
SAMPLING ROUND	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	15-Nov-99 Pbag - C	13-Nov-99	27-Nov-00	27-Nov-01
Vinyl Chloride			0.32F	
cis-1,2-Dichloroethene		20	17.67M	3.79
1,1-Dichloroethane			0.66	0.16F
1,2-Dichloroethene (total)	26			
Trichloroethene	28	22	17.2M	8.40
Para-Isopropyltoluene	2.5L			
trans-1,2-Dichloroethene			1.18M	
TOTAL VOCs	56.5L	42	37.0	12.35

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-128		SURFACE AQUIFER					
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	11-Jul-94	14-Nov-94	28-Jun-96	21-May-97	13-May-98	15-Nov-99	28-Nov-00	27-Nov-01
Chloromethane				.57j				
Acetone							11.8F	
cis-1,2-Dichloroethene								
1,2-Dichloroethene (total)				.52j				
Trichloroethene	3.1	2.2	10	18	13	1		0.2F
TOTAL VOCs	3.1	2.2	10	19.09j	13	1	11.8F	0.2F

MONITORING WELL:	B-129		SURFACE AQUIFER					
SAMPLING ROUND	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	11-Jul-94	14-Nov-94	28-Jun-96	21-May-97	13-May-98	15-Nov-99	28-Nov-00	27-Nov-01
Chloromethane			1.0	1.3				
Vinyl Chloride						.6J	0.34F	0.75F
Acetone			11j					
1,1-Dichloroethane			1.1	1.3			0.14F	0.16F
1,1-Dichloroethene				.53j				
cis-1,2-Dichloroethene						7.2	3.75M	5.94
1,2-Dichloroethene (total)	16	24	89	110	24			
Trichloroethene	1.4	2.9	7.8	5.8				
Benzene			.53j	.64j				0.11F
TOTAL VOCs	17.4	26.9	110.43j	119.57j	24	7.8J	4.2	6.96

MONITORING WELL:	B-232		BEDROCK AQUIFER				
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 2000	LTMP 2000	LTMP 2001	LTMP-2002
SAMPLING DATE	17-Jun-96	20-May-97	27-May-98	17-Apr-00	17-Apr-00 Duplicate	18-Jan-01	18-Apr-02
Acetone				3.2B	2.5B		
Tetrachloroethene	.66j	.93j		.18F	.17F	0.17F	0.17F
Toluene	1.2						
TOTAL VOCs	1.86j	.93j	bdl	0.18	0.17	0.17	0.17

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-244A		BEDROCK AQUIFER								
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000
SAMPLING DATE	28-Jun-96	21-May-97	14-May-98	11-May-99	11-May-99	11-May-99	11-May-99	11-May-99	11-May-99	15-Nov-99	28-Nov-00
				Pbag - A	Pbag - B	Pbag - C	Pbag - D	Pbag - E	P Pump		
Methylene Chloride										1.3b	
Acetone				15B	11B	15B	11B				
Vinyl Chloride	1.2	1.2j		1.6L	2.0L	1.2L	1.3L	1.7L	1.3L		4.24
1,1-Dichloroethane	1.5	1.8j							1.0L		0.81
1,1-Dichloroethene	.86j	1.2j									0.31M
cis-1,2-Dichloroethene										48	37.84M
1,2-Dichloroethene (total)	32	33	56	63	65	55	61	82	56		
Trichloroethene	110	91	46	8.1	5	47	46	19	35	12	29.3M
trans-1,2-Dichloroethene											0.85M
TOTAL VOCs	145.6j	128.2	102	72.7L	72.0L	103.2L	108.3L	102.7L	93.3L	61.3b	73.4

MONITORING WELL:	B-244A	BEDROCK AQUIFER
SAMPLING ROUND	LTMP 2001	
SAMPLING DATE	27-Nov-01	
Vinyl Chloride	4.66	
1,1-Dichloroethane	1.13	
1,1-Dichloroethene	0.74F	
cis-1,2-Dichloroethene	71.95	
trans-1,2-Dichloroethene	0.39F	
Trichloroethene	43.80	
TOTAL VOCs	122.67	

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-245		LOWER AQUIFER						
SAMPLING ROUND	Round 9	Round 10	Round 11	Round 12	Round 12	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	28-Jun-96	21-May-97	14-May-98	11-May-99	11-May-99	11-May-99	15-Nov-99	28-Nov-00	27-Nov-01
				Pbag	Pb Dup	P Pump			
Vinyl Chloride		.58j							0.18F
Acetone				11B	10B	4.7BL			
1,1-Dichloroethane		1.1						0.12F	0.21F
1,1-Dichloroethene		.7j							0.14F
cis-1,2-Dichloroethene							12	12.8M	23.72
trans-1,2-Dichloroethene							.2J	0.36M	0.18F
1,2-Dichloroethene (total)	1.3	19	22	15	15	13			
Trichloroethene		58	24	7.4	7.1	7.3	8	5.3B	9.5
Toluene	.61j								
TOTAL VOCs	1.91j	79.38	46	22.4	22.1	20.3	20.2J	18.6	33.93

MONITORING WELL:	B-246		SURFACE AQUIFER			
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	28-Jun-96	21-May-97	14-May-98	15-Nov-99	28-Nov-00	27-Nov-01
Chloromethane		.94j				
Acetone			25R			
1,1-Dichloroethane	1.2					
cis-1,2-Dichloroethene						0.34F
1,2-Dichloroethene (total)	15	1.5				
2-Butanone		5.6j				
Trichloroethene	47	4.3				0.1F
Toluene	.6j					
TOTAL VOCs	63.8j	12.34j	bdl	bdl	bdl	0.44F

MONITORING WELL:	B-247		SURFACE AQUIFER			
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	1-Jul-96	7-May-97	11-May-98	15-Nov-99	28-Nov-00	27-Nov-01
Acetone		6.1j				
2-Butanone		5.7j				
Trichloroethene	.88j					
TOTAL VOCs	.88j	11.8j	bdl	bdl	bdl	bdl

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-248		LOWER AQUIFER								
SAMPLING ROUND	Round 9	Round 10	Round 11	LTSP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2000	LTMP 2001
SAMPLING DATE	1-Jul-96	7-May-97	12-May-98	11-May-99	12-May-99	15-Nov-99	15-Nov-99	15-Nov-99	28-Nov-00	28-Nov-00	27-Nov-01
				Pbag	Low-f	Pbag	P pump	P pump Dup		Duplicate	
Methylene Chloride								10b			
Acetone				180L	26BL						
1,1-Dichloroethane	11	9.9j					6J		4.53F	4.73F	2.96
1,1-Dichloroethene	6.1j	5.9j									1.85
1,2-Dichloroethane											0.15F
cis-1,2-Dichloroethene							230	230	193.9M	194.65M	148.58
trans-1,2-Dichloroethene											1.11
1,2-Dichloroethene (total)	110	120	230	170	130	210					
2-Butanone		690BR									
Trichloroethene	1,300	1,300	1,000	470	260	*560	670	690	471.4M	499.8M	258.2
Benzene	8.8j	8.9j					5.1J		3.44F	3.52F	2.1
Carbon Disulfide										3.55F	
Vinyl Chloride											0.3F
TOTAL VOCs	**1,435.9j**	**1444.7j**	**1,230**	**640**	**390**	**770**	**911.1J**	**930j**	**673.27**	**706.3**	**415.25**

MONITORING WELL:	B-248	LOWER AQUIFER
SAMPLING ROUND	LTMP 2001	
SAMPLING DATE	27-Nov-01	
	Duplicate	
1,1-Dichloroethane	3F	
1,1-Dichloroethene	1.73F	
1,2-Dichloroethane		
cis-1,2-Dichloroethene	153.9	
trans-1,2-Dichloroethene	1.82F	
Trichloroethene	261.60	
Benzene	1.91F	
Vinyl chloride		
TOTAL VOCs	**423.96**	

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-249		BEDROCK AQUIFER							
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LMSP 2001
SAMPLING DATE	1-Jul-96	7-May-97	12-May-98	11-May-99	12-May-99	15-Nov-99	15-Nov-99	15-Nov-99	28-Nov-00	27-Nov-01
				Pbag	Low-f	Pbag	Pbag Dup			
Methylene Chloride								.2b		
Acetone				10B	16B					
Carbon Disulfide								16		
1,1-Dichloroethane	1.9j									
1,1-Dichloroethene	1.4j									
cis-1,2-Dichloroethene								1.6	2.35M	0.74F
1,2-Dichloroethene (total)	22	14		2.9L		3.0L	2.8L			
Trichloroethene	260	140	50	35	18	26	28	13	18.2M	9.9
Benzene	1.4								0.17F	
Vinyl chloride									0.17F	
Toluene	1.1j			1.1L				.4j	0.67M	0.18F
Xylene (total)								.2j		0.15F
methyl-t-Butyl Ether						6.1	5.8			
Chloromethane									0.73F	0.31F
TOTAL VOCs	287.8	154	50	39.0L	18	35.1L	36.6L	31.4jb	22.3	11.28

MONITORING WELL:	B-250		SURFACE AQUIFER			
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	1-Jul-96	7-May-97	11-May-98	15-Nov-99	28-Nov-00	27-Nov-01
Acetone		6.2j				
2-Butanone	7.8j	6.3j				
Trichloroethene	1.5					
Toluene	.84j					
TOTAL VOCs	10.14j	12.5j	bdl	bdl	bdl	bdl

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MONITORING WELL:	B-251		LOWER AQUIFER							
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	1-Jul-96	7-May-97	11-May-98	11-May-99 Pbag	12-May-99 Low-f	15-Nov-99 Pbag	15-Nov-99 Pbag Dup	15-Nov-99	28-Nov-00	27-Nov-01
Acetone				15B						
1,1-Dichloroethane		.72j							0.22F	0.39F
1,1-Dichloroethene		.61j								0.17F
cis-1,2-Dichloroethene								1.9	7.71M	18.39
1,2-Dichloroethene (total)	3.6	11	4.1	1.0L	4.3L	2.0L	2.2L			
Trichloroethene	41	110	56	18	22	20	20	8.2	8.7M	17.5
Benzene		.62j								0.16F
methyl-t-Butyl Ether						3.1L	3.0L			
trans-1,2-Dichloroethene									0.64M	0.1F
TOTAL VOCs	45	122.95	60.1	18.0	26.3L	25.1L	25.2L	10.1	17.3	36.71

MONITORING WELL:	B-252		BEDROCK AQUIFER			
SAMPLING ROUND	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	1-Jul-96	7-May-97	11-May-98	15-Nov-99	28-Nov-00	27-Nov-01
1,1-Dichloroethane				1.4	1.54	0.97
1,1-Dichloroethene				1.8	1.41M	1.43
2-Butanone		7.0j				
1,1,1-Trichloroethane				14	27.09M	16.46
Trichloroethene	1.7	3.5			1B	0.2F
Benzene					0.12F	
Toluene	.85j			.1J	0.29M	0.14F
Chloroethane						0.3F
TOTAL VOCs	2.55j	10.5j	bdl	17.3J	31.5	19.5

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	B-253		SURFACE AQUIFER	
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	15-May-98	13-Nov-99	28-Nov-00	27-Nov-01
TOTAL VOCs	**bdl**	**bdl**	**bdl**	**bdl**

MONITORING WELL:	B-254		LOWER AQUIFER							
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2000	LTMP 2001	LTMP 2001
SAMPLING DATE	15-May-98	10-May-99	11-May-99	11-May-99	13-Nov-99	13-Nov-99	28-Nov-00	28-Nov-00	27-Nov-01	27-Nov-01
		Pbag	Low-f	Low-f Dup				Duplicate		Duplicate
Acetone		**14B**	**7.2BL**	**2.3BL**						
cis-1,2-Dichloroethene					**2.7**	**2.6**	**2.85M**	**2.91M**	**3.95**	**4.28**
1,2-Dichloroethene (total)		**1.4L**								
2-Butanone		**6.7L**								
Trichloroethene	**11**	**7.6**	**2.6L**	**2.2L**	**14**	**13**	**14.5M**	**15M**	**21.8**	**23.1**
Benzene					**.2J**	**.2J**	**0.18F**	**0.19F**	**0.2F**	**0.21F**
1,1-Dichloroethane							**0.2F**	**0.22F**	**0.25F**	**0.24F**
Carbon Disulfide							**0.14**			
TOTAL VOCs	**11**	**15.7L**	**2.6L**	**2.2L**	**16.9J**	**15.8J**	**17.9**	**18.3**	**26.2**	**27.83**

MONITORING WELL:	B-255		BEDROCK AQUIFER			
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	15-May-98	10-May-99	11-May-99	13-Nov-99	28-Nov-00	27-Nov-01
		Pbag	Low-f			
Acetone		**4.6BL**				
Carbon Disulfide				**.9J**	**0.27B**	
Toluene				**.2J**		
Xylene (total)				**.1J**		
TOTAL VOCs	**bdl**	**bdl**	**bdl**	**1.2J**	**0.3B**	**bdl**

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MONITORING WELL:	OW3-7		SURFACE AQUIFER								
SAMPLING ROUND	Round 1	Round 2	Round 3	Round 7	Round 8	Round 9	Round 9	Round 10	Round 10	Round 11	Round 11
SAMPLING DATE	Jan-83	Jan-84	Jan-86	21-Jun-94	3-Nov-94	19-Jun-96	19-Jun-96 Duplicate	22-May-97	22-May-97 Duplicate	27-May-98	27-May-98 Duplicate
	CW-1A	CW-1A	CW-1A								
Vinyl Chloride				65	17	3.8	3.8	15	16		
Methylene Chloride		8.5									
Acetone			450								
1,2-Dichlorethene (total)	71	200	2,200	13	35	1.8	2.3	2.1	2.2		
Chloroform	235	15									
2-Butanone			190								
Trichlorethene	10,950	2,400	6,400		2.8	1.1	1.2				
Benzene	87		110			1.4	1.5	6.3	5.8		
4-Methyl-2-Pentanone			700								
Tetrachlorethene	78		52								
Toluene	1,700		1,300			5.9	5.6	8.0	7.9	19	18
Ethylbenzene	240		110			190	180	400	380	69	73
Xylenes (Total)			420			76	67	61	59	28	29
1,2,4-Trimethylbenzene						62	59	39	40	12	13
1,3,5-Trimethylbenzene						2.6	2.1				
Isopropylbenzene						9.5	9.3	18	18		
n-Propylbenzene						12	11	18J	bdl R		
4-Isopropyltoluene						2.8	2.4	2.4j	2.4j		
1,2-Dichlorobenzene						1.9j	1.8j	4.5	4.4		
1,4-Dichlorobenzene						1.3j		5.7	5.7		
Naphthalene						1.0j					
TOTAL VOCs	13,361	2,624	11,932	78	55	373.1j	347.0j	580J	541.4j	128	133

SAMPLING ROUND	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	13-Nov-99	29-Nov-00	18-Apr-02
cis-1,2-Dichlorethene	1.5	1.17M	1.19F
Trichlorethene	1.5	2.1B	0.4F
Ethylbenzene	.3J	32.78M	
Xylenes (Total)		7.46M	
Vinyl Chloride			0.24F
Tetrachlorethene			0.17F
1,4-Dichlorobenzene			0.11F
TOTAL VOCs	3.3J	43.5	2.11

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MONITORING WELL:	PO1-2R		BEDROCK AQUIFER		
SAMPLING ROUND	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	12-May-97	20-May-98	13-Nov-99	27-Nov-00	26-Nov-01
Vinyl Chloride	.76j		1.7J	0.45F	0.89F
1,1-Dichloroethane	.77j			0.21F	0.47
cis-1,2-Dichloroethene			3.8	0.8M	2.97
1,2-Dichloroethene (total)	14	2.7			
Trichloroethene	50	12	26	8.1M	19.5
Toluene	3.4		11	3.29M	2.39
TOTAL VOCs	**68.93j**	**14.7**	**42.5J**	**12.9**	**26.22**

MONITORING WELL:	RAP1-1R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 4	Round 5	Round 6	Round 7	Round 7	Round 8
SAMPLING DATE	19-Feb-86	19-Feb-86 Duplicate	30-Sep-87	22-Sep-88	6-Nov-90	6-Nov-90 Acid Preserved	26-Feb-91	6-Aug-91	7-Jul-94	7-Jul-94 Duplicate	14-Nov-94
Chloroethane								8.9			
Methylene Chloride			4.0jbR	9.5bR				7.9bR			
cis-1,2-Dichloroethene											
1,2-Dichloroethene (total)	7.6	7.6	12	11	4.2	4.4	1.5	1.2			
1,1,1-Trichloroethane	8.0	8.2	6.8	3.7j	2.1						
Trichloroethene	120	120	220	160	54	69	23	30			15
Chlorobenzene		2.6j									
TOTAL VOCs	**135.6**	**138.4j**	**238.8**	**174.7j**	**60.3**	**73.4**	**24.5**	**40.1j**	**bdl**	**bdl**	**15**

MONITORING WELL:	RAP1-1R		BEDROCK AQUIFER					
SAMPLING ROUND	Round 9	Round 9	Round 10	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	27-Jun-96	27-Jun-96 Duplicate	14-May-97	14-May-97 Duplicate	13-May-98	15-Nov-99	28-Nov-00	27-Nov-01
Dichlorodifluoromethane				.62j				
1,2-Dichloroethene (total)		1.1						
Trichloroethene	8.3	5.5	.65j	.85j	2.5	3.4	1.5B	0.2F
TOTAL VOCs	**8.3**	**6.6**	**.65j**	**1.47j**	**2.5**	**3.4**	**1.5B**	**0.2F**

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MONITORING WELL:	RAP1-4RA		BEDROCK AQUIFER								
SAMPLING ROUND	Round 1	Round 2	Round 3	Round 7	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	Mar-86	Oct-87	Oct-88	12-Jul-94	11-Nov-94	24-Jun-96	12-May-97	20-May-98	13-Nov-99	27-Nov-00	26-Nov-01
	RAP1-4R	RAP1-4R	RAP1-4R								
Chloromethane						0.93					
Methylene Chloride		140b	24b								
Acetone							35				
1,1-Dichloroethane		1.9j	3.0j	1.8	2.2	1.1	.76j				
cis-1,2-Dichloroethene									2.6	0.75M	0.66F
1,2-Dichloroethene (total)	13	18	23	15	16	7.3	6.8				
2-Butanone							13				
Trichloroethene	34	27	37	16	15	7.1	4.3		4.2	2.2B	2
TOTAL VOCs	47	186.9bj	87bj	32.8	33.2	16.4	59.86j	bdl	6.8	3	2.66

MONITORING WELL:	RAP1-6S		SURFACE AQUIFER								
SAMPLING ROUND	Round 1	Round 2	Round 3	Round 4	Round 4	Round 5	Round 5	Round 6	Round 6	Round 7	Round 8
SAMPLING DATE	13-Feb-86	1-Oct-87	23-Sep-88	7-Nov-90	7-Nov-90 Duplicate	26-Feb-91	26-Feb-91 Duplicate	6-Aug-91	6-Aug-91 Duplicate	1-Jul-94	15-Nov-94
Vinyl Chloride	70	59	140j	200	230	130J	140J	85	85	170J	
Methylene Chloride		3.4jR	1600R					72bR	67bR		
1,1-Dichlorethane	90	78	120j	97	100	100	110J	89	86		
1,1-Dichlorethene	48	36		50	53	43J	62J	46	44		
1,2-Dichlorethene (total)	*3100		3800	3200	3100	1000J	380J	840	830	2100J	690
1,2-Dichlorethane		9.7		12	10	21J	26J				
1,1,1-Trichlorethane					4.1J		1.4J				
Trichlorethene	*850		*1100	850	760	730J	650J	590	580	590J	180
Benzene	1.2j	1.9j		2.4	2.2						
2-Hexanone		2.8j									
Tetrachlorethene	4.9j			4.0	3.7	3.8J	4.9J				
Toluene			110j								
TOTAL VOCs	4,164.1j	187.4j	5,270j	4,415.4	4,263j	2,027.8j	1,374.3j	1,650	1,625	2,860J	870

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MONITORING WELL:	RAP1-6S		SURFACE AQUIFER								
SAMPLING ROUND	Round 8	Round 9	Round 10	Round 11	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	15-Nov-94	26-Jun-96	8-May-97	19-May-98	19-May-98	10-May-99	10-May-99	10-May-99	6-Oct-99	22-Sep-00	5-Sep-01
	Duplicate				Duplicate	Pbag - A	Pbag - B	Low-f			
Chloromethane						2.6L					0.17F
Vinyl Chloride		7.6	5.4				3.9L		.5J	0.11M	3.51
Acetone						11B	6.0B	3.9BL			
1,1-Dichlorethane		2									0.73
1,1-Dichlorethene		1.1	1.1								0.35F
cis-1,2-Dichlorethene									8.1	2.24M	39.72
trans-1,2-Dichloroethene											0.33F
1,2-Dichlorethene (total)	680	70j	83	21	21	37	59	12			
Methylene chloride										0.2B	
Trichlorethene	180	18	21	5.7	5.7	9.2	16	2.8L	2.5	1.2M	2.5
TOTAL VOCs	860	98.7j	110.5	26.7	26.7	48.8L	78.9L	14.8L	11.1J	3.75	47.31

MONITORING WELL:	RAP1-6T		LOWER AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8
SAMPLING DATE	13-Feb-86	13-Feb-86	5-Mar-86	5-Mar-86	1-Oct-87	22-Sep-88	7-Nov-90	26-Feb-91	6-Sep-91	1-Jul-94	15-Nov-94
		Duplicate		Duplicate							
Vinyl Chloride	780	790	760	800j	510	560	570	660J	*1200	950J	1,200
Methylene Chloride					330b	610R			59bR		
Acetone					790						
1,1-Dichlorethane	190	200	160	170j	110	98j	120	130J	220		270
1,1-Dichlorethene	96	100	84		42		61	68J	140		
1,2-Dichlorethene (total)	*5000	*5000	1900R	6000	3200	3000	2700	1000J	*2900	4200J	5000
1,2-Dichlorethane	17	17	18				9.7	58J	11		
1,1,1-Trichlorethane	300	300	290	330j	130	120j	130	160J	62		
Trichlorethene	*650	*590	550	720	340	430	450	600J	1400	1800J	2500
Benzene	2.9j	2.1j	2.6j								
Tetrachlorethene							3.8		13		
1,1,2,2-Tetrachlorethene	6.6	7.4	7.1								
Toluene						100j					
TOTAL VOCs	7,042.5j	7,006.5j	1,871. 7j+?	8,020j	5,452	4,308	4,045	2,676J	5,946	6,950J	8,970

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MONITORING WELL:	RAP1-6T		LOWER AQUIFER								
SAMPLING ROUND	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999
SAMPLING DATE	15-Nov-94	26-Jun-96	8-May-97	19-May-98	13-May-99	13-May-99	13-May-99	13-May-99	13-May-99	14-May-99	6-Oct-99
	Duplicate				P bag - A	P bag - B	P bag - C	P bag - D	P bag - E	Low-f	
Vinyl Chloride	1,200	1,600	1,600		180L	1,600	1,300	1,300	1,200	1,300	1,000
Methylene Chloride											560b
Acetone							330BL	230BL			
1,1-Dichloroethane	270	350	350		82L	280	250	270	200L	250	270
1,1-Dichloroethene		210	220			140L	140L	140L	110L		160J
cis-1,2-Dichloroethene											5,100
1,2-Dichloroethene (total)	4900	6200j	6600	3800	2,400	6,800	6,800E	6,600E	6,200E	6,200E	
1,1,1-Trichloroethane		30j			410						
Trichloroethene	2500	2200	2000	1600		1,600	1,600	1,800	1,600	1,500	1,400
TOTAL VOCs	8,870	10,590j	10,828j	5,400	3,072L	10,420L	10,090LE	10,110LE	9,310LE	9,250E	7,930J

MONITORING WELL:	RAP1-6T		LOWER AQUIFER
SAMPLING ROUND	LTMP 2000	LTMP 2001	
SAMPLING DATE	22-Sep-00	5-Sep-01	
Vinyl Chloride	608.95	655.68M	
Methylene Chloride	0.7B		
Benzene	4.88		
Chlorobenzene	0.33F		
Chloroethane	0.4M	6.6F	
Chloroform		16.75	
1,1-Dichloroethane	199.93	78.6	
1,1-Dichloroethene	96.55M	40.8F	
1,2-Dichloroethane	16.24	8.17F	
cis-1,2-Dichloroethene	4881.65	1869.75	
trans-1,2-Dichloroethene	294.96J	16.91F	
1,1,1-Trichloroethane	0.17F		
1,1,2-Trichloroethane	0.1F		
Toluene	0.83F		
Trichloroethene	1265.5	67.8	
Tetrachloroethene	5.57		
TOTAL VOCs	7376.76	2761.06	

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MONITORING WELL:	RAP1-6R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10
SAMPLING DATE	13-Feb-86	13-Feb-86 Duplicate	1-Oct-87	23-Sep-88	7-Nov-90	27-Feb-91	7-Aug-91	5-Jul-94	15-Nov-94	26-Jun-96	8-May-97
Vinyl Chloride	67	72	220	340j	170	*460	*300	600	710	990	850
Methylene Chloride			71j	590bR							
1,1-Dichloroethane	60	64	77	140j	84	*140	*130	130	190	240	230
1,1-Dichloroethene	48	51	42j	60j	37	64	95	69	110	130	130
1,2-Dichloroethene (total)	*2600	*1900	2900	5000	2600	*680	*1800	3500	3700	4932	4,800
1,2-Dichloroethane	8.5	9.4			14	36	10				
1,1,1-Trichloroethane	70	71	36j		22	50	32				
Trichloroethene	*820	*640	730	1400	570	*670	*760	1100	1400	1800	1,600
Benzene					2.4						
Tetrachloroethene	11	11			5.4	9.6	14				
Toluene				57j							
TOTAL VOCs	3,685	2,818	4,076j	6,997j	3,505	2,109.6	3,004	5,399	6,110	8,092	7,610

MONITORING WELL:	RAP1-6R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999
SAMPLING DATE	19-May-98	7-May-99 P pump	13-May-99 P bag - A	13-May-99 P bag - B	13-May-99 P bag - C	13-May-99 Pb-C Dup	13-May-99 P bag - D	13-May-99 P bag - E	14-May-99 Low-f	14-May-99 Low-f Dup	6-Oct-99
Vinyl Chloride	1,300	590	940	930	1,100	1,200	1,300	930	810	810	700
Methylene Chloride											290b
Acetone				180BL		210BL					970
1,1-Dichloroethane		270	200L	200L	230L	200L	220L	200L	230L	230L	220
1,1-Dichloroethene		180		110L	110L	110L			100L	120L	120J
cis-1,2-Dichloroethene		4,800									4,100
Trans-1,2-Dichloroethene											58J
1,2-Dichloroethene (total)	4,800		5,100E	5,400E	6,400E	6,100E	6,300E	5,400	6,400E	5,700E	
Trichloroethene	1,800	1,300	1,000	1,100	1,400	1,200	1,300	1,100	1,200	1,300	1,200
TOTAL VOCs	7,900	7,140	7,240LE	7,740LE	9,240LE	8,810LE	9,120LE	7,630L	8,740LE	8,160LE	7,368J

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MONITORING WELL:	RAP1-6R		BEDROCK AQUIFER	
SAMPLING ROUND	LTMP 2000	LTMP 2000	LTMP 2001	LTMP 2001
SAMPLING DATE	22-Sep-00	22-Sep-00 Duplicate	5-Sep-01	5-Sep-01 Duplicate
Vinyl Chloride	445.9	465.76	738.78M	1083.64M
Methylene Chloride	0.3B	0.4B		
Benzene	4.39	4.23		
Chlorobenzene	0.18F	0.24F		
Chloroethane	0.2M	0.2M		
1,1-Dichloroethane	164.25	171.22	200.84	204.76
1,1-Dichloroethene	85.98M	98.12M	110.62F	157.96F
1,2-Dichloroethane	15.09	15.05	26.02F	29.88F
cis-1,2-Dichloroethene	4086.4	4274.48	4536.96	4439.12
trans-1,2-Dichloroethene	69.85J	93.01J	25.54F	23.2F
1,1,1-Trichloroethane	2.72	2.61		
Toluene	0.36F	0.38F		
Trichloroethene	1148.1	1219	904.1	1038.5
Tetrachloroethene	6.56	6.31		
TOTAL VOCs	**6030.28**	**6351.01**	**6542.86**	**6977.06**

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP1-7S		SURFACE AQUIFER
SAMPLING ROUND	LTMP 2000	LTMP 2000	LTMP 2001
SAMPLING DATE	22-Sep-00	27-Nov-00	27-Nov-01
Methylene Chloride	**0.1B**		
TOTAL VOCs	**0.1B**	**bdl**	**bdl**

MONITORING WELL:	RAP1-7T		LOWER AQUIFER	
SAMPLING ROUND	LTMP 2000	LTMP 2000	LTMP 2000	LTMP 2001
SAMPLING DATE	22-Sep-00	27-Nov-00	27-Nov-00 Duplicate	27-Nov-01
Acetone	**3R**	**0.7F**	**0.4F**	
2-butanone (MEK)	**0.8R**			
Methylene Chloride	**0.1B**			
1,1-Dichloroethane	**0.15M**			
cis-1,2-Dichloroethene	**2.55M**	**1.64M**	**1.82M**	**2.48**
Trichloroethene	**29.4M**	**18.6B**	**20.8B**	**26.8**
TOTAL VOCs	**32.2**	**20.9**	**23.0**	**29.28**

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP1-7R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 1	Round 2	Round 3	Round 4	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10
SAMPLING DATE	25-Feb-86	2-Oct-87	25-Sep-88	6-Nov-90	6-Nov-90 Acid Preserved	26-Feb-91	6-Aug-91	7-Jul-94	15-Nov-94	25-Jun-96	19-May-97
Methylene Chloride	3.6j	9.5R	23bR				7.0bR				
Acetone	8.4										
1,1-Dichloroethene										1.0j	1.7j
1,2-Dichloroethene (total)	1.8j	3.0	4.4j	9.6	10	5.4	4.7	10	10	12	15
Chloroform	2.1j										
Trichloroethene	35	69	88	140	150	96	*150	180	150	76j	200
Toluene			1.1j								
TOTAL VOCs	50.9j	72	93.5j	149.6	160	101.4	*154.7	190	160	89j	216.7j

MONITORING WELL:	RAP1-7R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000
SAMPLING DATE	13-May-98	10-May-99 Pbag -A	10-May-99 Pbag -B	10-May-99 Pbag -C	10-May-99 Pbag -D	10-May-99 Pbag -E	11-May-99 Low-f	13-Nov-99 P pump	13-Nov-99 Pbag -C	13-Nov-99 Pbag -E	22-Sep-00
Acetone		15B	75BL	70BL		25BL+G24	37BL				
cis-1,2-Dichloroethene								18	21	22	12.49
1,2-Dichloroethene (total)	12	5.1				9.7L	8.2L				
2-Butanone (MEK)		8.1L									
Trichloroethene	200	56	280	180	220	190	180	230	300	330	243.4
Methylene Chloride											1.3B
TOTAL VOCs	212	61.1L	280	180	220	199.7L	188.2L	248	321	352	257.19

MONITORING WELL:	RAP1-7R		BEDROCK AQUIFER
SAMPLING ROUND	LTMP 2000	LTMP 2001	
SAMPLING DATE	27-Nov-00	27-Nov-01	
cis-1,2-Dichloroethene	10.34M	14.62	
Trichloroethene	195.7B	217	
Carbon Disulfide	1.2F		
TOTAL VOCs	207.2	231.62	

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

SURFACE WATER MONITORING POINT: RAP1-SW4

SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 4	Round 5	Round 5	Round 6	Round 6	Round 7
SAMPLING DATE	4-Mar-86	4-Mar-86 Duplicate	5-Oct-87	26-Sep-88	8-Nov-90	8-Nov-90 Duplicate	27-Feb-91	27-Feb-91 Duplicate	7-Aug-91	7-Aug-91 Duplicate	12-Jul-94
Vinyl Chloride	19	16	13	4.9j			5.1J	7.1J	1.6	1.5	1.2
Methylene Chloride			13R	10R					5.3bR	5.3bR	
Acetone	6.0b	4.0b									
1,1-Dichloroethane	5.7	5.3		3.9j			4.5J		2.5	2.5	
1,1-Dichloroethene	4.3j	3.8j		4.0			1.9J	4.9J	1.2	1.1	
1,2-Dichloroethene (total)	130	120	100	87	44	50	35	31	24	29	15
1,2-Dichloroethane			4.9j								
1,1,1-Trichloroethane	4.9j	4.4j	3.3j	1.8j	2.6	3.2	6.5	6.5	1.1J	1.5J	
Trichloroethene	100	92		54	49	57	93	88	35	33	20
Benzene				1.5j							
Toluene				2.3j							
Chlorobenzene				1.2j							
TOTAL VOCs	269.9jb	245.5jb	121.2j	159.52j	95.6	110.2	146.0J	137.5J	65.4J	68.6J	36.2

SURFACE WATER MONITORING POINT: RAP1-SW4

SAMPLING ROUND	Round 7	Round 8	Round 8	Round 9	Round 9	Round 10	Round 10	Round 11	Round 11	LTMP 1999	LTMP 1999
SAMPLING DATE	12-Jul-94 Duplicate	17-Nov-94	17-Nov-94 Duplicate	27-Jun-96	27-Jun-96 Duplicate	14-May-97	14-May-97 Duplicate	29-May-98	29-May-98 Duplicate	6-Oct-99	21-Dec-99
Chloromethane						.55j					
Vinyl Chloride	1.1										
Acetone											<1R
Carbon disulfide										<1R	<1R
cis-1,2-Dichloroethene										.7j	.6j
1,2-Dichloroethene (total)	13	6.4	5.8	3.8	2.8	3.1	2.3				
Trichloroethene	19	8.6	7.4	4.0	4.7	2.4	1.8	3.8	3.8	.6j	.4j
Tetrachloroethene						.98j				<1R	
Toluene				.58j	.54j						
Chlorobenzene						.53j					
Ethylbenzene						.77j					
Xylenes (Total)						2.3j					
TOTAL VOCs	33.1	15.0	13.2	8.38j	8.04j	10.63j	4.1	3.8	3.8	1.3J	1.0j

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

SURFACE WATER MONITORING POINT:	RAP1-SW4		
SAMPLING ROUND	LTMP 2000	LTMP 2000	LTMP 2001
SAMPLING DATE	22-Jun-00	22-Sep-00	5-Sep-01
2-Hexanone	.01R		
Acetone	1.7R	1.5F	
cis-1,2-Dichloroethene	0.7F	0.27M	0.82F
Trichloroethene	0.6F	0.2M	0.4F
Methylene chloride		.2B	
Chloromethane			0.21F
Dichloromethane			0.1J
TOTAL VOCs	**1.3F**	**2.17**	**1.53F**

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP2-1T		LOWER AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10
SAMPLING DATE	29-Jan-86	29-Jan-86 Duplicate	Not Sampled	Not Sampled	8-Nov-90	28-Feb-91	8-Sep-91	29-Jun-94	11-Nov-94	1-Jul-96	6-May-97
Chloromethane										7.3j	
Chloroethane											13j
Methylene Chloride							6.0bR				
Acetone	38b	38b								62j	
1,1-Dichloroethane							2.4		20	22	20
1,1-Dichloroethene						1.9	1.3		21	17	16j
1,2-Dichloroethene (total)	1.6j	2j			17	9.9	40	500	650	470	450
Trichloroethene	17	17			42	61	130	880	1,800	2,100	2,100
Benzene										15	15j
Tetrachloroethene										12	
Ethylbenzene										7.4j	
Xylenes (Total)										27j	
TOTAL VOCs	56.6j	57j			59	72.8	173.7	1,380	2,491	2739.7j	2614j

MONITORING WELL:	RAP2-1T		LOWER AQUIFER							
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	8-May-98	12-May-99 Pbag - A	12-May-99 Pbag - B	12-May-99 Pbag - C	12-May-99 Pbag - D	12-May-99 Pbag - E	13-May-99 Low-f Dup	13-Nov-99	27-Nov-00	26-Nov-01
Acetone		21BL	24BL		31B					
1,1-Dichloroethane					3.8L				1.38F	0.32F
1,1-Dichloroethene									1.44M	
cis-1,2-Dichloroethene								240	124.78M	33.53
1,2-Dichloroethene (total)	220		15L	95	82	97				
Trichloroethene	2,400	55	230	*900	*1,300	*990	880	850	107.1M	5.1
Benzene				4.4L		5.0			1.06F	0.12F
trans-1,2-Dichloroethene									2.24M	
TOTAL VOCs	2,620	55	245L	999.4L	1385.8L	102.0	880	1,090	238	39.07

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP2-1R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10
SAMPLING DATE	12-Feb-86	12-Feb-86 Duplicate	7-Oct-87	27-Sep-88	8-Nov-90	28-Feb-91	8-Sep-91	29-Jun-94	11-Nov-94	2-Jul-96	6-May-97
Chloromethane										6.6	
Methylene Chloride		6.1		7.8R			11bR				
1,1-Dichloroethane										1.8j	4.6j
1,1-Dichloroethene										1.6j	4.0j
1,2-Dichloroethene (total)								2.5	14	48	140
Trichloroethene								18	78	270	640
Benzene										1.0j	3.6j
TOTAL VOCs	bdl	6.1	bdl	bdl	bdl	bdl	bdl	20.5	92	329.0	792.2j

MONITORING WELL:	RAP2-1R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	8-May-98	12-May-99 Pbag - A	12-May-99 Pbag - B	12-May-99 Pbag - C	12-May-99 Pb-C Dup	12-May-99 Pbag - D	12-May-99 Pbag - E	13-May-99 Low-f	13-Nov-99	27-Nov-00	26-Nov-01
Acetone			40BL	26BL	23BL	21BL	49BL				
Methylene Chloride										2.3F	
1,1-Dichloroethane		5.2L	7.8L	5.9L	4.4L	5.9L	4.8L			7.76F	3.32F
1,1-Dichloroethene									11J	5.72M	1.68F
cis-1,2-Dichloroethene									1,100	778.99	278.09
trans-1,2-Dichloroethene										16.81M	2.71F
1,2-Dichloroethene (total)	130	340	300	270	250	280	260	470			
Trichloroethene	500	*840	*890	*780	*790	*540	490	*750	880	628.3M	264.6
Benzene										5.61F	1.24F
TOTAL VOCs	630	1185.2L	1197.8L	1055.9L	1044.4L	825.9L	754.8L	1,220	1,991J	1,445.5	551.65

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP2-3T		LOWER AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10
SAMPLING DATE	29-Jan-86	29-Jan-86 Duplicate	Not Sampled	Not Sampled	8-Nov-90	28-Feb-91	Not Sampled	29-Jun-94	8-Nov-94	8-Jul-96	6-May-97
Acetone										58j	
1,1-Dichloroethane										11	22
1,1-Dichloroethene										11	23
1,2-Dichloroethene (total)	16	17			35	11		1,600	870	290	1,300
Trichloroethene	150	180			180	99		5,600	3,900	1,600	4,400
Benzene										11	21
Toluene		1.7j									
TOTAL VOCs	166	198.7j			215	110		7,200	4,770	1981j	5,766

MONITORING WELL:	RAP2-3T		LOWER AQUIFER							
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	7-May-98	12-May-99 P bag - A	12-May-99 P bag - B	12-May-99 P bag - C	12-May-99 P bag - D	12-May-99 P bag - E	13-May-99 Low-f	13-Nov-99	27-Nov-00	11/26/2001
Methylene Chloride								2.2b		
Acetone		21BL								
1,1-Dichloroethane									4.68	0.62F
1,1-Dichloroethene									5.67M	0.84F
cis-1,2-Dichloroethene								62	691.5M	86.12
trans-1,2-Dichloroethene									3.32M	
1,2-Dichloroethene (total)	110	170	14L	35	28	13L	77			
Trichloroethene	440	160	86	200	160	71	170	240	1776.6M	91.6
Benzene								1.3J	4.09	0.55F
Ethylbenzene								.6J		
Styrene								.7J		
Xylene (total)								1J		
TOTAL VOCs	550	330	100L	235	188	84L	247	307.8J	2485.9	179.73

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP2-3R		BEDROCK AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10
SAMPLING DATE	7-Feb-86	7-Feb-86 Duplicate	8-Oct-87	28-Sep-88	9-Nov-90	28-Feb-91	9-Aug-91	29-Jun-94	8-Nov-94	8-Jul-96	6-May-97
Chloromethane											.53j
Methylene Chloride			4.7j	12R							
Trichloroethene			4.3j	1.63	1.9j	1.4	1.8			.95j	.50j
TOTAL VOCs	bdl	bdl	9.0j	1.63	1.9j	1.4	1.8	bdl	bdl	.95j	1.03j

MONITORING WELL:	RAP2-3R		BEDROCK AQUIFER	
SAMPLING ROUND	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	7-May-98	13-Nov-99 P pump	27-Nov-00	26-Nov-00
TOTAL VOCs	bdl	bdl	bdl	bdl

MONITORING WELL:	RAP3-3S		SURFACE AQUIFER								
SAMPLING ROUND	Round 1	Round 2	Round 3	Round 4	Round 4	Round 5	Round 5	Round 6	Round 6	Round 7	Round 7
SAMPLING DATE	10-Mar-86	14-Oct-87	30-Sep-88	13-Nov-90	13-Nov-90 Duplicate	4-Mar-91	4-Mar-91 Duplicate	13-Sep-91	13-Sep-91 Duplicate	23-Jun-94	23-Jun-94 Duplicate
Methylene Chloride		33b	6.5R								
Acetone			10								
Carbon Disulfide			14								
1,2-Dichlorethene (total)	4.2j	23		17	17	50	43J	53	54	4.7	5.1
Trichlorethene	200	150	180	200	210	34	32J	89	91	100J	110J
TOTAL VOCs	204.2j	206b	204	217	227	84	75J	142	145	104.7J	115.1J

SAMPLING ROUND	Round 8	Round 8	Round 9	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2000	LTMP-2002	LTMP-2002
SAMPLING DATE	10-Nov-94	10-Nov-94 Duplicate	18-Jun-96	5/22/977	27-May-98	10-Nov-99	17-Apr-00	29-Nov-00	18-Apr-02	18-Apr-02 Duplicate
cis-1,2-Dichlorethene						11J	2.4	4.12M	3.53	3.51
1,2-Dichlorethene (total)	4.1	3.9	3.4	2.3						
Tetrachloroethyene							.17F			
Trichlorethene	100J	73J	84	68	20	270	113.3M	157.4M	42.6	41.8
TOTAL VOCs	104.10	76.9J	87.4	70.3	20	281	115.87M	161.5	46.13	45.31

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP3-3T		LOWER AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 9
SAMPLING DATE	10-Mar-86	10-Mar-86 Duplicate	14-Oct-87	30-Sep-88	13-Nov-90	4-Mar-91	13-Aug-91	22-Jun-94	10-Nov-94	19-Jun-96	19-Jun-96 Duplicate
Methylene Chloride	1.6b		14b	5.8R		6.0bR					
Acetone	17b										
1,1-Dichloroethane	8.8	7.8	8.6	8.4	9.7	14	12	9.7	8.9	10	10
1,1-Dichloroethene										.84j	.84j
1,2-Dichloroethene (total)	28	26	23	23	22	16	19	18	16.0	19	19
1,2-Dichloroethane		1.1j									
Trichloroethene		2.4j			1.5j	2.1	7.0	1.4	1.6	1.6	1.4
Benzene											.59j
Ethylbenzene											1.7
TOTAL VOCs	55.4b	37.3b	45.6b	31.4	33.2j	32.1	38	29.1	26.5	31.44j	33.53j

SAMPLING ROUND	Round 10	Round 10	Round 11	Round 11	LTMP-2000	LTMP-2001	LTMP-2002
SAMPLING DATE	22-May-97	22-May-97 Duplicate	27-May-98	27-May-98 Duplicate	17-Apr-00	18-Jan-01	18-Apr-02
1,1-Dichloroethane	11	11	8.9	9.3	6.43	6.69	5.48
1,1-Dichloroethene	.79jJ	1.2J			.42F	0.46	0.41F
1,2-Dichloroethane					.23F	0.28F	0.15F
Benzene	.63j	.65j			.27F	0.3F	0.2F
1,2-Dichloroethene (total)	20	21	16	16			
cis-1,2-Dichloroethene					11.62	12.31	11.85
trans-1,2-Dichloroethene					.34F	0.53F	
Trichloroethene	1.7	1.6	1.5	1.6	.9M	1F	0.1F
Vinyl Chloride					.11F		
TOTAL VOCs	34.12jJ	35.45jJ	26.4	26.9	20.32	21.57	18.19

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP3-4S		SURFACE AQUIFER								
SAMPLING ROUND	Round 1	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 7	Round 8	Round 9
SAMPLING DATE	14-Mar-86	14-Mar-86 Duplicate	9-Oct-87	29-Sep-88	12-Nov-90	4-Mar-91	12-Aug-91	23-Jun-94	23-Jun-94 Duplicate	4-Nov-94	18-Jun-96
Chloromethane				14							
Vinyl Chloride						1.2	1.5				
Methylene Chloride			5.1	7.6bR							
1,1-Dichlorethane					5.8	7.3	6.0	1.3	1.2	1.1	1.4
1,1-Dichlorethene					1.8j						
1,2-Dichlorethene (total)	1.8j			7.8	150	77	160	30	28	27	24
1,2-Dichlorethane						4.7					
1,1,1-Trichlorethane				1.7j	13	5.9	6.1				
Trichlorethene	10	8.7	5.7	56	450	*430J	410	65	60	54	42
Tetrachlorethene				1.8j	23	32	27	3.8	3.4	3.4	
TOTAL VOCs	**11.8j**	**8.7**	**10.8**	**81.3j**	**643.6j**	**558.1J**	**610.6**	**100.1**	**92.6**	**85.5**	**67.4**

SAMPLING ROUND	Round 10	Round 11	Round 11	LTMP 1999	LTMP 2000	LTMP 2002
SAMPLING DATE	19-May-97	28-May-98	28-May-98 Duplicate	13-Nov-99	29-Nov-00	18-Apr-02
1,1-Dichlorethane	1.0					0.21F
cis-1,2-Dichlorethene				1	0.26M	5.7
1,2-Dichlorethene (total)	16	4.4	3.5			
Trichlorethene	32	10	9.5	2.8	1.5B	5.8
Tetrachlorethene	2	.74j	.63j	.3J		0.29F
TOTAL VOCs	**51.0**	**15.14**	**13.63**	**4.1**	**1.8**	**12**

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RAP3-4T		LOWER AQUIFER								
SAMPLING ROUND	Round 1	Round 2	Round 3	Round 4	Round 5	Round 6	Round 7	Round 8	Round 9	Round 10	Round 11
SAMPLING DATE	10-Mar-86	9-Oct-87	29-Sep-88	12-Nov-90	4-Mar-91	12-Aug-91	23-Jun-94	4-Nov-94	18-Jun-96	19-May-97	5-May-98
Methylene Chloride	2.1b	5.7	4.9jR								
Acetone	9.6b										
1,2-Dichloroethene (total)										.92j	
Trichloroethene									1.7j		
TOTAL VOCs	11.7b	5.7	R	bdl	bdl	bdl	bdl	bdl	1.7j	.92j	bdl

SAMPLING ROUND	LTMP 2000	LTMP-2001	LTMP 2002
SAMPLING DATE	17-Apr-00	18-Jan-01	18-Apr-02
	Mod-LF		
1,1-Dichloroethane		0.12F	
cis-1,2-Dichloroethene	.31F	0.44F	0.28F
TOTAL VOCs	0.31	0.56F	0.28

MONITORING WELL:	RFW-11		SURFACE AQUIFER								
SAMPLING ROUND	Round 1	Round 2	Round 3	Round 4	Round 4	Round 5	Round 5	Round 6	Round 6	Round 7	Round 7
SAMPLING DATE	12-Feb-86	5-Oct-87	26-Sep-88	9-Nov-90	9-Nov-90	4-Mar-91	4-Mar-91	12-Sep-91	12-Sep-91	30-Jun-94	30-Jun-94
					Duplicate		Duplicate		Duplicate		Duplicate
Methylene Chloride		1,900	300R			8.9bR	11bR	150J			
1,1-Dichloroethane				9.1	8.6	42J	53J				
1,1-Dichloroethene				18	15	11	13				
1,2-Dichloroethene (total)	6,100	15,000	8,400	*3,800	*3,300	*1,700J	*2,000J	1,600	1,700	17	17
Chloroform				3.9J	2.7J	*220J	*270J			32	31
1,1,1-Trichloroethane			100J	160	170	*260J	*330J	170	150		
Trichloroethene	9,300	36,000	7,000	*3,900J	*2,500J	*2,500J	*2,700J	1,400	1,700	57	54
Benzene				9.0	3.2						
4-Methyl-2-Pentanone			620								
Tetrachloroethene						2.5J	3.2J				
Toluene	170j	430j	1,500								
Ethylbenzene			69j								
Xylenes (Total)			330	2.0J							
Freon 113				180j	150j						
TOTAL VOCs	15,570j	53,330j	18,019jJ	8,081.9jJ	6,149.7jJ	4,735.5J	5,369.2J	3,320J	3,550	106	102

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

MONITORING WELL:	RFW-11		SURFACE AQUIFER							
SAMPLING ROUND	Round 8	Round 8	Round 9	Round 9	Round 10	Round 10	Round 11	LTMP 1999	LTMP 2000	LTMP 2001
SAMPLING DATE	10-Nov-94	10-Nov-94 Duplicate	3-Jul-96	3-Jul-96 Duplicate	14-May-97	14-May-97 Duplicate	15-May-98	6-Oct-99	22-Sep-00	5-Sep-01
Chloromethane			1.2							0.2F
Methylene Chloride								57b	0.2B	
Acetone								220		
1,1-Dichloroethane									0.33M	
1,1-Dichloroethene									0.43M	
cis-1,2-Dichloroethene								88	34.97	1.41
trans-1,2-Dichloroethene									0.13M	
1,2-Dichloroethene (total)	22	23	2.9	5.2	4.8	4.7				
Chloroform	32	33					6		2.92	0.99
1,1,1-Trichloroethane									0.42F	
Trichloroethene	50	51	9.5	18	19J	29J	15	470	230.5	12
Tetrachloroethene			1.8							
Toluene			.79j		.75j					
Chlorobenzene			.93j							
Ethylbenzene			1.3							
Xylenes (Total)			4.3							
TOTAL VOCs	104	107	22.72j	23.2	24.55jJ	33.7J	21	778	269.9	14.6

OPERABLE UNIT 1, HANSCOM AFB - HISTORICAL SUMMARY OF CHEMICAL ANALYTICAL DATA

NOTES:

All concentrations are micrograms per liter.

Summary tables only include compounds with concentrations above the approximate sample quantification or detection limit.

VOCs: Volatile organic compounds

bdl: Below the approximate sample quantification or detection limit

1,2-Dichloroethene (total) includes both cis-1,2-dichloroethene and trans-1,2-dichloroethene

Rounds 1 through 11 were completed by Haley & Aldrich, Inc. as part of the Remedial Action Program (RAPs) developed in 1987 for Sites 1, 2 & 3, followed by the RAPs implementation and long-term monitoring. Monitoring subsequent to Round 11 has been completed by IT Corporation as part of the on-going operation, maintenance and monitoring of the Interim Remedial Action for Operable Unit 1.

Data Qualifers

b or B: Compound was detected in an associate laboratory and/or field blank. Reported concentration not substantially above level reported in laboratory or field blanks and may be due to laboratory contamination

E: Estimated value exceeds the calibration range

F: Result between method detection limit (MDL) and recovery limit (RL)

j: Reported concentration estimated due to: 1) tentatively identified compound where 1:1 response is assumed, or 2) due to a positively indentified compound detected at concentration less than detection limit, or 3) out of tolerance recoveries in laboratory QC analysis

J: Reported concentration estimated based on consultant's evaluation of QA/QC data

L: Estimated value is below the calibration range

R: Reported concentration rejected based on consultant's evaluation of QA/QC data

*: Sample was analyzed at two dilution factors. Concentrations determined at lower dilution are listed without notation. Concentrations detected at higher dilution are identified by an *

M: A matrix effect is present

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Attachment E – OU-1 LTMP Historical Summary of On-Site GC Analysis .....

Well	Page	Well	Page	Well	Page	Well	Page
A-1	32	A-2	34	A-3	2	A-4	2
A-5	31	B101	14	B102	17	B103	2
B104	3	B105	10	B106	10	B107	14
B108	15	B109	13	B110	13	B111	19
B112	13	B113	15	B114	13	B115	13
B116	27	B117	27	B118	28	B119	27
B120	27	B121	31	B122	31	B123	31
B124	32	B125	31	B126	20	B127	17
B128	17	B129	17	B130	10	B231	32
B232	32	B233	35	B234	32	B235	32
B236	33	B237	3	B238	3	B239	3
B240	4	B241	4	B242	4	B243	4
B244A	23	B245	20	B246	18	B247	18
B248	20	B249	24	B250	18	B251	21
B252	24	B253	18	B254	21	B255	24
BR-1	3	CW-2	35	CW-3	35	CW-3A	35
CW-4	4	CW-5	14	CW-6	33	CW-6A	32
CW-19	35	CW-20	35	CW-20A	35	GM MW-1	1
HAFB-3	31	HAFB-7	35	IRZ-INJ	6	IRZ-1	6
IRZ-2	6	IRZ-3	6	IRZ-4	7	IRZ-5	7
MW8-B	5	MW8-S	4	OW2-1	10	OW2-2	10
OW2-3	10	OW2-4	11	OW2-5	11	OW2-6	11
OW2-7	11	OW2-8	12	OW3-1	27	OW3-2	27
OW3-3	27	OW3-4	27	OW3-5	28	OW3-6	28
OW3-7	29	OW3-8	29	OW3-9	29	OW3-10	29
OW3-11	29	OW3-12	30	OW3-13	30	OW3-14	30
PO1-2R	25	PO1-2S	18	PO1-4SA	5	PO2-1R	25
PO2-1RA	25	PO2-1S	12	PO2-1T	21	PO2-2R	25
PO2-2T	21	PT1-RA	25	PT1-SA	5	PT2-RA	25
RAP1-1R	25	RAP1-1T	22	RAP1-2R	5	RAP1-3R	1 & 2
RAP1-3S	1	RAP1-4RA	26	RAP1-4S	19	RAP1-5R	5
RAP1-5S	5	RAP1-6R	9	RAP1-6S	7	RAP1-6T	8
RAP1-7R	26	RAP1-7S	19	RAP1-7T	22	RAP1-SW4	9
RAP2-1R	26	RAP2-1S	19	RAP2-1T	22	RAP2-2R	16
RAP2-2S	14	RAP2-2T	16	RAP2-3R	26	RAP2-3S	19
RAP2-3T	23	RAP2-4R	17	RAP2-4S	14	RAP2-4T	16
RAP2-5R	14	RAP2-5S	12	RAP2-5T	14	RAP2-6R	17
RAP2-6T	16	RAP3-1S	32	RAP3-1T	33	RAP3-3S	33
RAP3-3T	34	RAP3-4S	33	RAP3-4T	34	RAP5-1R	35
RAP5-1T	35	RAP5-2R	34	RAP5-2S	33	RAP5-2T	34
RFW-11	12	RFW-15	9	V-1	2		

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - PIT/RUNOFF AREA				
GM MW #1	4-Feb-98	17	60	
	25-Mar-99	19	63	
	24-Jun-99	59	77	
	24-Sep-99	19	108	
	30-Nov-99	7	7	
	23-Dec-99	22/13	46/40	Ran sample twice
	11-Apr-00	14	40	
	15-Jun-00	5	38	
	12-Oct-00			Well dry
	21-Feb-01	26	84	
	20-Apr-01	17	110	
	19-Jun-01	26	217	
	13-Sep-01	6	51	
	14-Dec-01	7	73	
	26-Mar-02	20	118	
RAP 1-3S	4-Feb-98	83	838	
	26-Feb-98	86	684	
	17-Mar-98	1,074	755	
	15-Apr-98	99	481	
	22-Apr-98	2,238	767	
	20-May-98	**150**	**550**	**Off-site-H&A Round 11**
	2-Oct-98	47	701	Questionable-only collected 1/4 vial-well dry
	25-Mar-99	28	1,310	
	24-Jun-99	ns	ns	Well dry
	28-Sep-99	974	2,126	
	23-Dec-99	329	1,243	Diluted-100
	23-Dec-99	100	3,381	Re-ran undiluted
	11-Apr-00	29	577	
	15-Jun-00	28	373	
	12-Oct-00			Well dry
	21-Dec-00	32	618	
	20-Apr-01	42	453	
	18-Jun-01	45	393	Commenced Permanganate Pilot Study
	18-Jun-01	**43.3**	**300.53**	**Off-site-diluted/10, also Trans-1,2DCE, 1,1,1-TCA, VC et al**
	27-Jun-01	83	899	
	25-Jul-01	100	1,333	
	7-Aug-01	ns	ns	Injected Permanganate
	12-Sep-01	ns	ns	Not sampled, Permanganate still evident
	19-Oct-01	ns	ns	Water level to low for peristaltic pump
	19-Dec-01	ns	ns	Water level to low for peristaltic pump
	12-Feb-02	2,496	2,691	
	7-Mar-02	1,882/1,977	1,044/1,099	Re-ran
	11-Apr-02	782	525	
	16-May-02	35	437	
RAP 1-3R	4-Feb-98	310,100	11,360	
	17-Mar-98	219,600	4,147	
	15-Apr-98	862,000	11,610	
	22-Apr-98	416,000	9,678	
	20-May-98	**477,000**	**bdl**	**Off-site-H&A Round 11**
	20-May-98	649,100	13,890	Duplicate of H&A's
	1-Oct-98	33,990	8,112	Initial recharge after bailing dry
	2-Oct-98	918,000	17,790	after 24 hours
	3-Dec-98	185,000	7,153	Sample not refrigerated
	25-Mar-99	398,200	27,760	Diluted-100
	24-Jun-99	242,600	21,230	Diluted-100
	28-Sep-99	181,400	16,490	Diluted-100
	23-Dec-99	193,600	7,244	Diluted-100

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - PIT/RUNOFF AREA				
RAP 1-3R	11-Apr-00	110,000	5,075	Diluted-100
	15-Jun-00	159,700	10,270	Diluted-100
	12-Oct-00	ns	ns	Water level to low for peristaltic pump
	21-Feb-01	201,800	15,520	Diluted-100
	20-Apr-01	196,500	15,270	Diluted-100
	18-Jun-01	276,400	67,230	Commenced Permanganate Pilot Study - Diluted-100
	18-Jun-01	**129,172.5**	**13,199.0**	**Off-site Lab - diluted/5,000, also Toluene & 1,1,1-TCA**
	27-Jun-01	182,600	27,940	Diluted-100
	25-Jul-01	213,200	32,780	Diluted-100
	6-Aug-01	182,000	28,400	Diluted-100
	24-Aug-01	117,800	16,760	Diluted-100
	29-Aug-01	178,300	31,880	Diluted-100
	29-Aug-01	**124,464.5**	**19,182**	**Off-site Lab**
	12-Sep-01	152,600	24,250	Diluted-100
	19-Oct-01	ns	ns	Water level to low for peristaltic pump
	25-Oct-01	ns	ns	Injected Permanganate 26 & 26 Oct
	19-Dec-01	ns	ns	Not sampled, Permanganate still evident
	7-Mar-02	ns	ns	Not sampled, Permanganate still evident
V-1 (S)	24-Nov-97	5,267	+1,000 est	**New well in center of burn pit #1**
	30-Mar-99	9,966 est	2,047 est	Many, many peaks
	24-Jun-99	34,300	1,593	Diluted-100
	23-Aug-99	173	17	No dilution
	28-Sep-99	3,422	1,042	No dilution
	10-Dec-99	7,583	837	No dilution
	11-Apr-00	3,935	1,360	No dilution
	15-Jun-00	4,233	76	Late un-identified peaks
	13-Oct-00	321	bdl	
	21-Feb-01	3,744	1,443	No dilution
	20-Apr-01	4,964	495	at start of pump cycle
	20-Apr-01	556	56	at end of pump cycle
	19-Jun-01	393	13	
	13-Sep-01	2,896	87	Many small un-identified peaks
	19-Dec-01	ns	ns	Well dry
	16-May-02	9,685	999	
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
A-3 (R)	27-Apr-98	17	bdl	Results suspect
	21-May-98	11	bdl	Results suspect-duplicate of H&A's
	21-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	7-May-99	bdl/bdl	12/12	Rd 12-Peristaltic pump-On-site GC analysis (ran twice)
	10-May-99	**bdl**	**bdl**	**Round 12-USGS sample-1 Passive bag-EPA Lab**
	10-May-99	bdl	bdl	Round 12 - USGS sample 1 Passive bag-On-site GC
	10-May-99	**bdl**	**bdl**	**Round 12 - Low-flow sample-EPA Lab Lab**
	10-May-99	bdl	bdl	Round 12 - Low-flow sample-On-site GC
	28-Sep-99	bdl	bdl	
	13-Oct-00	bdl	bdl	
	13-Sep-01	1	bdl	
A-4 (S/L)	27-Apr-98	9	bdl	Results suspect
	21-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	28-Sep-99	bdl	bdl	
	13-Oct-00	bdl	bdl	
	13-Sep-01	bdl	bdl	
B103 (L)	**21-May-98**	**16/17**	**32/35**	**Off-site-Haley & Aldrich Round 11 with duplicate**
	24-Sep-99	17	22	
	12-Sep-00	11	35	
	13-Sep-01	8	22	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
B104 (S/L)	27-Apr-98	12	bdl	Results suspect
	24-Sep-99	bdl	bdl	
	12-Oct-00			Well dry
	13-Sep-01	bdl	bdl	
B237 (R)	**22-May-98**	**2,600**	**1,500**	**Off-site-Haley & Aldrich Round 11**
	22-May-98	1,771	2,168	Duplicate of H&A's
	13-Nov-98	339	1,604	
	26-Mar-99	339	1,725	
	23-Jun-99	64	1,090	
	21-Sep-99	37	1,043	
	23-Dec-99	46	1,097	
	11-Apr-00	40	124	Early peak
	21-Jun-00	28	129	Early un-identified peaks
	21-Jun-00	**22**	**84**	**Duplicate-Off-site lab**
	12-Oct-00	15	360	
	20-Apr-01	3	bdl	
	20-Jun-01	11	15	Early peak
	13-Sep-01	47	112	
	14-Dec-01	16	75	2 early un-identified peaks
	25-Mar-02	6	bdl	Early peak
B238 (S)	26-Feb-98	bdl	bdl	
	27-Apr-98	24	bdl	Results suspect
	21-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-Sep-99	bdl	bdl	
	12-Oct-00	bdl	bdl	
	7-Sep-01	bdl	bdl	
B239 (L)	26-Feb-98	bdl	bdl	
	27-Apr-98	25	8	Results suspect
	21-May-98	**300/12**	**520/24**	**Off-site-Haley & Aldrich Round 11with duplicate**
	13-Nov-98	63	170	
	26-Mar-99	116	290	
	23-Jun-99	61	135	
	27-Sep-99	17	45	
	23-Dec-99	12	123	
	11-Apr-00	80	369	
	14-Jun-00	25	52	Collected by G&M for IRZ Project
	14-Jun-00	**29**	**70**	**G&M duplicate-Off-site lab**
	15-Jun-00	15	43	
	12-Oct-00	77	404	
	21-Dec-00	40	114	Collected by G&M for IRZ Project
	21-Feb-01	19	82	
	26-Mar-01	20	77	Collected by G&M for IRZ Project
	5-Apr-01	34	97	Collected by G&M for IRZ Project
	20-Apr-01	9	39	
	3-May-01	38	65	Collected by G&M for IRZ Project
	20-Jun-01	49	157	
	11-Jul-01	40	108	Collected by G&M for IRZ Project
	7-Sep-01	15	28	
	19-Nov-01	31	123	Collected by G&M for IRZ Project
	14-Dec-01	20	96	
	27-Mar-02	bdl	bdl	
	28-Mar-02	10	21	Collected by G&M for IRZ Project

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
B240 (R)	26-Feb-98	3,765	2,072	
	27-Apr-98	1,518	73	Results suspect
	21-May-98	**9,400**	**2,800**	**Off-site-Haley & Aldrich Round 11**
	21-May-98	2,709	2,481	Duplicate of H&A's
	13-Nov-98	2,940	1,533	Many early peaks
	26-Mar-99	1,111	241	
	13-May-99	2,261	2,053	Round 12 - Peristaltic pump - On-site GC analysis
	13-May-99	**2,000**	**1,500**	**Rd 12-Peristaltic pump-Off-site lab duplicate analysis**
	13-May-99	**4,633**	**2,400**	**Round 12 - Average of 3 passive bags-EPA Lab**
	13-May-99	3,420	3,007	Round 12 - Average of 3 passive bags-On-site GC
	14-May-99	**4900/4800**	**2600/2600**	**Round 12 - Low-flow - EPA Lab w/duplicate analysis**
	14-May-99	3,472	2,806	Round 12 - Low-flow - On-site GC
	23-Jun-99	2,190	1,536	
	27-Sep-99	1,380	606	
	23-Dec-99	1,385	369	Peristaltic pump - On-site GC analysis
	23-Dec-99	2,259	611	Average of 2 passive bags-On-site GC
	11-Apr-00	247	76	
	15-Jun-00	487	233	
	21-Jun-00	1,296	527	
	21-Jun-00	**829**	**345**	**Duplicate-Off-site lab**
	12-Oct-00	2,207	1,507	
	21-Feb-01	170	37	
	20-Apr-01	117	20	
	20-Jun-01	110	30	
	7-Sep-01	225	88	Early unidentified peak
	14-Dec-01	653	829	2 early un-identified peaks
	27-Mar-02	bdl	bdl	
B241 (S)				
	14-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-Sep-99	0.9	bdl	
	12-Sep-00	2	bdl	
	6-Sep-01	bdl	bdl	
B242 (L)	**13-May-98**	**220**	**510**	**Off-site-Haley & Aldrich Round 11**
	13-May-98	200	611	Duplicate of H&A's via On-site GC
	27-Sep-99	23	47	
	12-Sep-00	36	104	
	6-Sep-01	21	47	
B243 (R)	**13-May-98**	**400**	**1,000**	**Off-site-Haley & Aldrich Round 11**
	13-May-98	350	1,214	Duplicate of H&A's via On-site GC
	27-Sep-99	4	153	
	12-Sep-00	bdl	137	
	6-Sep-01	bdl	93	
CW-4 (L)	27-Apr-98	83	131	Results suspect
	20-May-98	**89/89**	**100/rejected**	**Off-site-Haley & Aldrich Round 11 with duplicate**
	21-Sep-99	10	4	
	14-Jun-00	2	bdl	
	12-Sep-00	bdl	bdl	
	7-Sep-01	3	bdl	
MW8-S	27-Apr-98	22	bdl	Results suspect
	21-Sep-99	35	bdl	
	12-Oct-00	32	bdl	
	7-Sep-01	29	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
MW8-B (R)	27-Apr-98	67	bdl	Results suspect
	22-May-98	**57**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	22-May-98	55	bdl	Duplicate of H&A's via On-site GC
	21-Sep-99	28	bdl	
	13-Oct-00	30	bdl	
	7-Sep-01	18	bdl	
PO1-4SA (S/L)	27-Apr-98	41	259	Results suspect
	20-May-98	**3.2**	**3.8**	**Off-site-Haley & Aldrich Round 11**
	21-Sep-99	3	bdl	
	12-Oct-00			Well dry
	13-Sep-01	8	17	
PT1-SA (S/L)	27-Apr-98	41	37	Results suspect
	20-May-98	**200**	**210**	**Off-site-Haley & Aldrich Round 11**
	26-Mar-99	bdl	bdl	
	24-Jun-99	17	13	
	21-Sep-99	32	49	
	9-Dec-99	9	38	
	11-Apr-00	2	bdl	
	15-Jun-00	bdl	bdl	
	12-Sep-00	bdl	bdl	
	21-Dec-00	7	bdl	
	13-Apr-01	11	39	
	19-Jun-01	44	59	
	7-Sep-01	3	5	
	6-Dec-01	13/9	31/23	
	26-Mar-02	4	9	
RAP1-2R	27-Apr-98	8	bdl	Results suspect
	20-May-98	**bdl/bdl**	**bdl/bdl**	**Off-site-Haley & Aldrich Round 11 with duplicate**
	20-May-98	bdl	bdl	Duplicate of H&A's via On-site GC
	21-Sep-99	9	bdl	
	13-Oct-00	bdl	bdl	
	13-Sep-01	bdl	bdl	
RAP1-5S	27-Apr-98	49	bdl	Results suspect
	20-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	21-Sep-99	7	bdl	
	12-Oct-00	bdl	bdl	
	7-Sep-01	bdl	bdl	
RAP1-5R	27-Apr-98	41	bdl	Results suspect
	20-May-98	**65/70**	**bdl/bdl**	**Off-site-Haley & Aldrich Round 11 with duplicate**
	22-May-98	81	bdl	
	21-Sep-99	21	bdl	
	12-Sep-00	29	bdl	
	7-Sep-01	35	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
IRZ-INJ	13-Jun-00	417	1,900	New well installed by G&M for IRZ Project
	16-Jun-00	852	2,139	Collected by G&M for IRZ Project
	16-Jun-00	**560/530**	**1600/1600**	**G&M duplicate-Off-site lab w/duplicate**
	18-Oct-00	299	1,697	Collected by G&M for IRZ Project
	25-Oct-00	369	2,343	Collected by G&M for IRZ Project
	15-Nov-00	521	2,304	Collected by G&M for IRZ Project, early peaks
	21-Dec-00	140	2,274	Collected by G&M for IRZ Project
	4-Jan-01	15	886	Collected by G&M for IRZ Project
	26-Mar-01	8	270	Collected by G&M for IRZ Project
	6-Apr-01	10	539	Collected by G&M for IRZ Project-many early peaks
	8-May-01	108	753	Collected by G&M for IRZ Project
	12-Jul-01	5	687	Collected by G&M for IRZ Project
	12-Oct-01	bdl	121	Collected by G&M for IRZ Project, large early peak
	20-Nov-01	2	400	Collected by G&M for IRZ Project
	23-Jan-02	bdl	872	Collected by G&M for IRZ Project
	28-Mar-02	bdl	117	Collected by G&M for IRZ Project
IRZ-1	13-Jun-00	35	3,257	New well installed by G&M for IRZ Project
	16-Jun-00	798	2,861	Collected by G&M for IRZ Project
	16-Jun-00	**1,100**	**3,500**	**G&M duplicate-Off-site lab**
	15-Nov-00	95	2,543	Collected by G&M for IRZ Project
	21-Dec-00	1,340	4,587	Collected by G&M for IRZ Project
	26-Mar-01	24	2,830	Collected by G&M for IRZ Project
	6-Apr-01	15	3,953	Collected by G&M for IRZ Project-many early peaks
	11-Jul-01	9	3,488	Collected by G&M for IRZ Project
	12-Oct-01	743	4,055	Collected by G&M for IRZ Project-many early peaks
	19-Oct-01	6	3,208	
	20-Nov-01	426	3,428	Collected by G&M for IRZ Project
	23-Jan-02	584	3,423	Collected by G&M for IRZ Project
	22-Feb-02	3	54	Collected by G&M for IRZ Project
	28-Mar-02	39	766	Collected by G&M for IRZ Project
IRZ-2	13-Jun-00	1,510	4,407	New well installed by G&M for IRZ Project
	16-Jun-00	1,762	3,619	Collected by G&M for IRZ Project
	16-Jun-00	**1,900**	**5,300**	**G&M duplicate-Off-site lab**
	5-Apr-01	2,059	4,917	Collected by G&M for IRZ Project-many early peaks
	8-May-01	2,250	4,808	Collected by G&M for IRZ Project-early peaks
	11-Jul-01	1,749	4,597	Collected by G&M for IRZ Project
	12-Oct-01	1,791	3,823	Collected by G&M for IRZ Project-many early peaks
	19-Nov-01	1,670	3,989	Collected by G&M for IRZ Project
	23-Jan-02	1,769	4,405	Collected by G&M for IRZ Project
	22-Feb-02	1,490	4,092	Collected by G&M for IRZ Project
	28-Mar-02	2,125	5,886	Collected by G&M for IRZ Project
IRZ-3	13-Jun-00	1,576	3,468	New well installed by G&M for IRZ Project
	16-Jun-00	1,715	3,835	Collected by G&M for IRZ Project
	16-Jun-00	**1,300**	**4,400**	**G&M duplicate-Off-site lab**
	5-Apr-01	692	4,744	Collected by G&M for IRZ Project-many early peaks
	8-May-01	509	3,935	Collected by G&M for IRZ Project-early peaks
	20-Jun-01	1,042	3,277	
	11-Jul-01	571	4,092	Collected by G&M for IRZ Project
	12-Oct-01	1,465	3,834	Collected by G&M for IRZ Project-many early peaks
	19-Oct-01	1,254	4,014	
	19-Nov-01	1,496	4,180	Collected by G&M for IRZ Project
	22-Feb-02	1,392	4,448	Collected by G&M for IRZ Project
	28-Mar-02	1,582	4,629	Collected by G&M for IRZ Project

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
IRZ-4	13-Jun-00	897	3,530	New well installed by G&M for IRZ Project
	16-Jun-00	1,762	4,156	Collected by G&M for IRZ Project
	16-Jun-00	**1,500**	**5,300**	**G&M duplicate-Off-site lab**
	15-Nov-00	1,201	4,852	Collected by G&M for IRZ Project, many early peaks
	21-Dec-00	2,029	5,588	Collected by G&M for IRZ Project
	5-Apr-01	2,087	4,583	Collected by G&M for IRZ Project-many early peaks
	8-May-01	2,147	4,197	Collected by G&M for IRZ Project-early peaks
	11-Jul-01	1,417	4,132	Collected by G&M for IRZ Project
	12-Oct-01	1,873	4,642	Collected by G&M for IRZ Project-many early peaks
	19-Nov-01	1,528	3,801	Collected by G&M for IRZ Project
	23-Jan-02	1,402	3,575	Collected by G&M for IRZ Project
	28-Mar-02	1,773	4,662	Collected by G&M for IRZ Project
IRZ-5	8-May-01	1,915	4,518	New well installed by G&M for IRZ Project
	20-Jun-01	1,342	4,230	
	11-Jul-01	1,144	4,196	Collected by G&M for IRZ Project
	12-Oct-01	1,184	4,210	Collected by G&M for IRZ Project-many early peaks
	19-Nov-01	913	4,039	Collected by G&M for IRZ Project
	23-Jan-02	634	4,243	Collected by G&M for IRZ Project
	22-Feb-02	1,196	4,157	Collected by G&M for IRZ Project
	28-Mar-02	1,341	6,316	Collected by G&M for IRZ Project
RAP 1-6S	**19-May-98**	**5.7/5.7**	**21/21**	**Off-site-Haley & Aldrich Round 11 with duplicate**
	13-Nov-98	10	4	
	26-Mar-99	7	12	
	7-May-99	6/6	28/30	Rd 12-Peristaltic pump-On-site GC analysis w/dup
	10-May-99	11.5	49	Round 12 - Average of 2 passive bags-On-site GC
	10-May-99	**12.6**	**48**	**Round 12 - Average of 2 passive bags-EPA Lab**
	10-May-99	**2.8**	**21**	**Round 12 - Low-flow - EPA Lab**
	10-May-99	2	8	Round 12 - Low-flow - On-site GC
	24-Jun-99	204	10	
	27-Sep-99	1	bdl	
	6-Oct-99	bdl	bdl	
	6-Oct-99	**2.5**	**8.1**	**Duplicate-Off-site lab; VC=.5j**
	9-Dec-99	bdl	bdl	
	11-Apr-00	5	21	
	15-Jun-00	3/3	8/4	Ran sample twice
	16-Jun-00	2	bdl	Collected by G&M for IRZ Project
	16-Jun-00	**1.4**	**3.8**	**G&M duplicate-Off-site lab**
	22-Sep-00	**1.2**	**2.2**	**Off-site lab; VC=.11F - Duplicate for GC Froze**
	12-Oct-00	bdl	bdl	
	6-Apr-01	3	bdl	Collected by G&M for IRZ Project
	13-Apr-01	10	35	Results suspect
	8-May-01	6	bdl	Collected by G&M for IRZ Project
	8-May-01	3	bdl	Collected by G&M for IRZ Project-Duplicate ???
	20-Jun-01	8	21	
	11-Jul-01	9/9	27/26	Collected by G&M for IRZ Project-ran twice
	5-Sep-01	bdl	17	
	5-Sep-01	**2.5**	**39.72**	**Duplicate-Off-site lab; VC=3.51**
	20-Nov-01	1	bdl	Collected by G&M for IRZ Project
	6-Dec-01	bdl	bdl	
	25-Mar-02	bdl	bdl	
	28-Mar-02	bdl	bdl	Collected by G&M for IRZ Project

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
RAP 1-6T	**19-May-98**	**1,600**	**3,800**	**Off-site-Haley & Aldrich Round 11**
	19-May-98	1,597	3,229	Duplicate of H&A's via On-site GC - early peaks
	13-Nov-98	1,523	3,067	Many early peaks
	26-Mar-99	1,174	2,643	Many early peaks
	7-May-99	1,792	3,073	Round 12 - Peristaltic pump - On-site GC analysis
	13-May-99	1,775	4,020	Round 12 - Average of 5 passive bags-On-site GC
	13-May-99	**1,402**	**5,760**	**Round 12 - Average of 5 passive bags-EPA Lab**
	14-May-99	**1,500**	**6,200**	**Round 12 - Low-flow - EPA Lab**
	14-May-99	2,172	4,793	Round 12 - Low-flow - On-site GC
	24-Jun-99	1,529	2,906	Septum suspect, many early peaks
	27-Sep-99	1,350	3,263	
	6-Oct-99	1,000	2,708	
	6-Oct-99	**1,400**	**5,100**	**Duplicate-Off-site lab-Quant.factor=200;VC=1000,also MC & 1,1-DCA& DCE**
	9-Dec-99	1,608	3,613	
	11-Apr-00	591	2,481	
	14-Jun-00	564	2,281	
	15-Jun-00	439	1,767	
	16-Jun-00	1,060	2,381	Collected by G&M for IRZ Project
	16-Jun-00	**810**	**2,100**	**G&M duplicate-Off-site lab**
	22-Sep-00	**1,266**	**4,882**	**Off-site lab; VC=609, et al - Duplicate for GC Froze**
	12-Oct-00	1,783	4,281	Early peaks
	15-Nov-00	1,311	4,228	Collected by G&M for IRZ Project
	4-Jan-01	737	3,632	Collected by G&M for IRZ Project
	26-Mar-01	9	2,281	Collected by G&M for IRZ Project
	6-Apr-01	13	3,457	Collected by G&M for IRZ Project-a few early peaks
	13-Apr-01	5	2,772	
	20-Jun-01	bdl	2,575	
	11-Jul-01	74	2,828	Collected by G&M for IRZ Project
	5-Sep-01	27	1,473	Early peak
	5-Sep-01	**68**	**1,870**	**Duplicate 2 - Off-site lab; significant VC (655.68) et al**
	12-Oct-01	985	3,058	Collected by G&M for IRZ Project
	19-Oct-01	257	2,750	
	20-Nov-01	1,212	3,990	Collected by G&M for IRZ Project
	6-Dec-01	483	3,575	
	23-Jan-02	477	3,162	Collected by G&M for IRZ Project
	22-Feb-02	306	3,398	Collected by G&M for IRZ Project
	25-Mar-02	18	3,009	
	28-Mar-02	121	3,865	Collected by G&M for IRZ Project

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 1 - UP/DOWN/SIDE-GRADIENT AREA				
RAP 1-6R	**19-May-98**	**1,800**	**4,800**	**Off-site-Haley & Aldrich Round 11**
	19-May-98	1,718	3,940	Duplicate of H&A's via On-site GC - early peaks
	7-May-99	1385/1300	3487/2976	Rd 12-Peristaltic pump-On-site GC analysis w/dup
	7-May-99	**1,300**	**4,800**	**Rd 12-Peristaltic pump-Off-site lab duplicate analysis**
	13-May-99	1,639	4,172	Round 12 - Average of 5 passive bags-On-site GC
	13-May-99	**1,180**	**5,720**	**Round 12 - Average of 5 passive bags-EPA Lab**
	14-May-99	**1200/1300**	**6400/5700**	**Round 12 - Low-flow - EPA Lab w/duplicate**
	14-May-99	1,217	3,062	Round 12 - Low-flow - On-site GC
	24-Jun-99	1,182	2,879	Many early peaks
	27-Sep-99	1,328	2,922	
	6-Oct-99	1,002	2,608	
	6-Oct-99	**1,200**	**4,100**	**Duplicate-Off-site lab-Quant.factor=200;VC=700, also MC & 1,1 DCA&DCE & TRANS1,2-DCE**
	9-Dec-99	1,598	4,152	
	11-Apr-00	1,591	4,034	
	15-Jun-00	1,273	3,263	
	16-Jun-00	137	639	Collected by G&M for IRZ Project
	16-Jun-00	**1,400**	**4,300**	**G&M duplicate-Off-site lab**
	22-Sep-00	**1,148/1,219**	**4,086/4274**	**Off-site lab w/dupl; VC=446, et al - Duplicate for GC Froze**
	12-Oct-00	1,773	3,944	Early peaks
	6-Apr-01	2,075	4,387	Collected by G&M for IRZ Project-many early peaks
	13-Apr-01	590	3,684	2 Early peaks
	20-Jun-01	637	3,208	
	11-Jul-01	1,287	4,443	Collected by G&M for IRZ Project
	5-Sep-01	659	2,794	Early peak
	5-Sep-01	717	2,910	Duplicate - Early peak
	5-Sep-01	**904.1**	**4,536.96**	**Duplicate - Off-site lab; significant VC (738.78) et al**
	5-Sep-01	**1,039.5**	**4,439.12**	**Duplicate - Off-site lab; significant VC (1003.64) et al**
	19-Oct-01	897	3,342	
	20-Nov-01	1,247	3,405	Collected by G&M for IRZ Project-early peak
	6-Dec-01	368	3,137	
	25-Mar-02	790	5,057	
	28-Mar-02	556	4,693	Collected by G&M for IRZ Project
RAP1-SW4	**29-May-98**	**3.8/3.8**	**bdl/bdl**	**Off-site-Haley & Aldrich Round 11 with duplicate**
	30-Mar-99	bdl	bdl	
	24-Jun-99	8	bdl	
	6-Oct-99	bdl	bdl	
	6-Oct-99	**.6j**	**.7j**	**Duplicate-Off-site lab**
	21-Dec-99	18	bdl	Sample suspect
	11-Apr-00	bdl	bdl	
	21-Jun-00	12	bdl	Sample suspect
	21-Jun-00	**.6F**	**.7F**	**Duplicate-Off-site lab**
	22-Sep-00	**.2F**	**.27F**	**Off-site lab - Duplicate for GC Froze**
	20-Apr-01	bdl	bdl	
	26-Jun-01	bdl	bdl	
	5-Sep-01	bdl	bdl	
	5-Sep-01	**0.4F/0.5F**	**0.82F/0.78F**	**Duplicate-Off-site lab**
	14-Dec-01	bdl	bdl	
	27-Mar-02	bdl	bdl	
RFW-15 (S/L)	27-Apr-98	13	bdl	Results suspect
	21-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	24-Sep-99	1	bdl	
	13-Oct-00	bdl	bdl	
	15-Sep-01	bdl	bdl	
	27-Mar-02	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - RECHARGE/COLLECTION TRENCH AREA - SURFACE AQUIFER				
B105 (S)	28-Apr-98	11	bdl	Results suspect
	15-May-98	**2.5**	**2.5**	**Off-site-Haley & Aldrich Round 11**
	12-Oct-99	bdl	bdl	
	19-Oct-00	bdl	bdl	
	22-Oct-01	bdl	bdl	
B106 (S)	28-Apr-98	11	bdl	1st sampling since Round 9 on 7/8/96-Results suspect
	19-Oct-99	bdl	bdl	
	19-Oct-00	3	bdl	
	23-Oct-01	bdl	bdl	
B130 (S)	28-Apr-98	15	bdl	1st sampling since Round 9 on 7/2/96-Results suspect
	15-Oct-99	bdl	bdl	
	23-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
OW 2-1	**18-May-98**	**bdl**	**5**	**Off-site-Haley & Aldrich Round 11**
	27-Aug-98	2	31	
	1-Sep-98	41	47	Recharging 1 Sep-12 Nov
	16-Oct-98	12	9	
	19-Aug-99	bdl	bdl	
	8-Oct-99	7	bdl	
	23-Oct-00	4	bdl	
	16-Oct-01	bdl	bdl	
OW 2-2	27-Aug-98	15	8,306	Many Peaks
	1-Sep-98	13	8,018	Recharging 1 Sep-12 Nov
	1-Sep-98	**-**	**23,000**	**Off-site lab; VC=5,000, TCE=bdl (<500)**
	16-Oct-98	24	6,499	Duplicate = 19 & 7,389 - many early peaks
	23-Nov-98	3	5,195	
	15-Apr-99	8	7,772	
	27-Jul-99	17	5,047	
	19-Aug-99	22	4,051	Large early & late peaks
	8-Oct-99	69	7,302	Large early peaks
	6-Jan-00	24	22,940	Early peaks
	24-Apr-00	26	11,799	Early peaks
	12-Jul-00	23	8,822	
	23-Oct-00	41	6,649	
	10-Apr-01	-	-	
	18-Jul-01	-	46	Large early peak-strong odor
	16-Oct-01	4	12	Early peaks
	10-Apr-02	-	-	
OW 2-3	27-Aug-98	16	66	
	1-Sep-98	8	4	Recharging 1 Sep-12 Nov
	16-Oct-98	bdl	12	
	19-Aug-99	8	23	
	8-Oct-99	bdl	bdl	
	23-Oct-00	6	bdl	
	16-Oct-01	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - RECHARGE/COLLECTION TRENCH AREA - SURFACE AQUIFER				
OW 2-4	18-Mar-98	36	10	
	22-Apr-98	3	-	
	18-May-98	**1.3**	**3.2**	**Off-site-Haley & Aldrich Round 11**
	27-Aug-98	10	1,962	
	1-Sep-98	5	46	Recharging 1 Sep-12 Nov
	16-Oct-98	56	6	Rerun sample = 40 & 6
	23-Nov-98	59	27	
	15-Apr-99	2	-	
	27-Jul-99	4	11	
	19-Aug-99	7	9	
	8-Oct-99	7	-	
	6-Jan-00	1	5	
	24-Apr-00	3	-	
	12-Jul-00	-	19	
	23-Oct-00	5	-	
	10-Apr-01	4	12	
	18-Jul-01	43	14	Strong odor
	16-Oct-01	24	353	
	10-Jan-02	27	3,650	
	10-Apr-02	82	784	
OW 2-5	27-Aug-98	bdl	64	
	1-Sep-98	bdl	46	Recharging 1 Sep-12 Nov
	16-Oct-98	13	bdl	
	20-Aug-99	7	25	
	8-Oct-99	8	bdl	
	24-Oct-00	bdl	bdl	
	16-Oct-01	bdl	bdl	
OW 2-6	27-Aug-98	204	4,383	Many peaks
	1-Sep-98	186	4,382	Recharging 1 Sep-12 Nov
	1-Sep-98	**310**	**6,000**	**Off-site lab; VC=200**
	16-Oct-98	60	2,551	
	20-Aug-99	26	407	
	12-Oct-99	12	39	
	24-Oct-00	5	12	
	16-Oct-01	1	83	
OW 2-7	26-Feb-98	56	52	
	18-Mar-98	119	3	Sample seal may be defective
	22-Apr-98	8	bdl	
	18-May-98	**130**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-Aug-98	34	10	
	1-Sep-98	28	7	Recharging 1 Sep-12 Nov
	16-Oct-98	230	63	
	15-Apr-99	9	bdl	
	27-Jul-99	10	bdl	
	20-Aug-99	bdl	bdl	
	12-Oct-99	7	bdl	
	6-Jan-00	11	bdl	
	24-Apr-00	4	bdl	
	12-Jul-00	bdl	bdl	
	24-Oct-00	3	bdl	
	10-Apr-01	4	bdl	
	18-Jul-01	7	bdl	
	16-Oct-01	bdl	bdl	
	10-Jan-02	bdl	bdl	
	10-Apr-02	6	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - RECHARGE/COLLECTION TRENCH AREA - SURFACE AQUIFER				
OW 2-8	4-Feb-99	265	4,338	other significant peaks
	26-Feb-98	220	814	
	18-Mar-98	68	155	
	22-Apr-98	15	341	
	18-May-98	**8.7**	**70**	**Off-site-Haley & Aldrich Round 11**
	27-Aug-98	-	152	
	1-Sep-98	14	1,111	Recharging 1 Sep-12 Nov
	16-Oct-98	253	418	
	23-Nov-98	181	278	
	15-Apr-99	114	151	
	27-Jul-99	67	45	
	20-Aug-99	122	72	Late peak
	12-Oct-99	67	-	
	6-Jan-00	67	50	
	24-Apr-00	131	55	
	12-Jul-00	14	17	
	24-Oct-00	4	14	
	10-Apr-01	6	-	
	18-Jul-01	226	253	
	16-Oct-01	-	-	
	10-Jan-02	26	-	
	24-Apr-02	58	-	
PO2-1S	28-Apr-98	34	bdl	Results suspect
	20-May-98	**2.7**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	19-Oct-99	22	bdl	
	24-Oct-00	10	bdl	
	31-Oct-01	14	bdl	
RAP2-5S	28-Apr-98	10	bdl	1st sampling since Round 9 on 7/2/96-Results suspect
	15-Oct-99	bdl	bdl	
	20-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
RFW-11 (S)	22-Apr-98	19	-	
	29-Apr-98	**30**	**9**	**Off-site Lab-IEA**
	15-May-98	**15**	**-**	**Off-site-Haley & Aldrich Round 11**
	9-Nov-98	394	73	
	15-Apr-99	45	-	
	30-Jul-99	690	48	
	25-Aug-99	665	69	
	6-Oct-99	396	60	
	6-Oct-99	**470**	**88**	**Dup-Off-site lab-Quant.Factor=20; Acetone&Meth.Chl**
	9-Mar-00	308	40	
	24-Apr-00	43	-	
	12-Jul-00	168	17	
	22-Sep-00	**231**	**35**	**Off-site lab - Duplicate for GC Froze**
	19-Oct-00	160	-	
	10-Apr-01	7	-	
	18-Jul-01	8	-	
	5-Sep-01	6	-	
	5-Sep-01	**12**	**1.41**	**Duplicate via off-site lab**
	22-Oct-01	197	14	
	21-Nov-01	127	8	
	10-Jan-02	177	12	
	24-Apr-02	33	-	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - RECHARGE/COLLECTION TRENCH AREA - LOWER AQUIFER				
B109 (L)	28-Apr-98	18	bdl	Results suspect
	15-May-98	**18**	**8.2**	**Off-site-Haley & Aldrich Round 11**
	15-Apr-99	5	bdl	
	28-Jul-99	13	bdl	
	12-Oct-99	1	bdl	
	5-Jan-00	14	bdl	
	24-Apr-00	8	bdl	
	12-Jul-00	30	bdl	
	19-Oct-00	6	bdl	
	10-Apr-01	9	bdl	
	18-Jul-01	7	bdl	
	22-Oct-01	3	bdl	
	10-Jan-02	3	bdl	
	24-Apr-02	6	bdl	
B110 (L)	**18-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	12-Oct-99	bdl	bdl	
	20-Oct-00	bdl	bdl	
	22-Oct-01	bdl	bdl	
B112 (L)	28-Apr-98	8	bdl	Results suspect
	18-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	15-Oct-99	bdl	bdl	
	23-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
B114 (L)	18-Mar-98	72	282	
	22-Apr-98	35	154	
	15-May-98	**1,000**	**310**	**Off-site-Haley & Aldrich Round 11**
	19-Oct-99	22	265	
	18-Oct-00	781	1,149	
	22-Oct-01	52	534	
	21-Nov-01	36	481	
B115 (L)	18-Mar-98	1,126	371	
	22-Apr-98	434	418	
	29-Apr-98	**570**	**390**	**Off-site Lab - IEA**
	18-May-98	**960**	**380**	**Off-site-Haley & Aldrich Round 11**
	13-Nov-98	293	386	An early peak
	15-Apr-99	341	688	An early peak
	27-Jul-99	420	427	
	19-Aug-99	522	529	
	6-Oct-99	170	130	
	6-Oct-99	**270**	**190**	**Dup-Off-site lab-Quant.Factor=10;VC=16,Acetone & Methylene Chloride**
	9-Mar-00	117	155	
	22-May-00	106	192	
	12-Jul-00	196	144	
	22-Sep-00	**29.4**	**382***	**Off-site Lab - vc=33.66, et al; Dupl for GC Froze**
	23-Oct-00	16	294	
	10-Apr-01	76	33	
	18-Jul-01	195	599	
	5-Sep-01	406	927	
	5-Sep-01	**379.4**	**985.34**	**Duplicate via off-site lab; VC= 40.46**
	16-Oct-01	20	1,782	
	21-Nov-01	105	1,817	
	10-Jan-02	103	817	
	5-Apr-02	207	667	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - RECHARGE/COLLECTION TRENCH AREA - LOWER AQUIFER				
CW-5 (L)	**19-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	15-Oct-99	bdl	bdl	
	23-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
RAP2-5T	15-Oct-99	bdl	bdl	1st sampling since Round 10 on 5/8/97
	20-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
SITE 2 - RECHARGE/COLLECTION TRENCH AREA - BEDROCK AQUIFER				
RAP2-5R	15-Oct-99	bdl	bdl	1st sampling since Round 10 on 5/8/97
	20-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
SITE 2 - FAMCAMP/DOWNGRADIENT AREA - SURFACE AQUIFER				
B101 (S)	28-Apr-98	25	bdl	1st sampling since Round 9 on 7/2/96-Results suspect
	19-Oct-99	bdl	bdl	
	18-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
B107 (S)	28-Apr-98	20	bdl	Results suspect
	11-May-98	**2.8**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	6-May-99	bdl	bdl	Round 12 - Peristaltic pump - On-site GC analysis
	10-May-99	bdl	bdl	Round 12 - 1 passive bag-On-site GC
	10-May-99	**bdl**	**bdl**	**Round 12 - 1 passive bag-EPA Lab**
	10-May-99	**bdl**	**bdl**	**Round 12 - Low-flow - EPA Lab**
	10-May-99	bdl	bdl	Round 12 - Low-flow - On-site GC
	19-Oct-99	bdl	bdl	
	17-Oct-00	bdl	bdl	
	26-Jul-01	bdl	bdl	Collected by ARA for DP Project/DP Well TCE=bdl & Cis bdl
	29-Oct-01	bdl	bdl	
RAP2-2S	28-Apr-98	18	bdl	Results suspect
	18-Nov-98	bdl	bdl	
	15-Oct-99	bdl	bdl	
	20-Oct-00	bdl	bdl	
	31-Oct-01	bdl	bdl	
RAP2-4S	28-Apr-98	14	bdl	1st sampling in 90's-Results suspect
	15-Oct-99	bdl	bdl	
	19-Oct-00	bdl	bdl	
	3-May-01	2	bdl	Collected by ARA for DP Project/DP Well TCE=3 & Cis bdl
	26-Jul-01	bdl	bdl	Collected by ARA for DP Project/DP Well TCE=bdl & Cis bdl
	31-Oct-01	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - FAMCAMP/DOWNGRADIENT AREA - LOWER AQUIFER				
B108 (L)	28-Apr-98	18	bdl	Results suspect
	8-May-98	**470**	**210**	**Off-site-Haley & Aldrich Round 11-Results suspect**
	13-Nov-98	30	22	An early peak
	15-Apr-99	21	17	An early peak
	6-May-99	15	18	Round 12 - Peristaltic pump - On-site GC analysis
	11-May-99	17	13	Round 12 - Average of 3 passive bags-On-site GC
	11-May-99	**15.7**	**24.3**	**Round 12 - Average of 3 passive bags-EPA Lab**
	12-May-99	**16**	**7.4**	**Round 12 - Low-flow - EPA Lab**
	12-May-99	14	bdl	Round 12 - Low-flow - On-site GC
	28-Jul-99	17	13	
	6-Oct-99	4	5	
	6-Oct-99	**14**	**19**	**Duplicate-Off-site lab**
	9-Mar-00	16	11	
	22-May-00	11	17	
	13-Jul-00	18	24	
	22-Sep-00	**18**	**36**	**Off-site lab - Duplicate for GC Froze**
	18-Oct-00	14	17	
	10-Apr-01	bdl	bdl	
	19-Jul-01	30	87	
	5-Sep-01	13	21	
	5-Sep-01	**38.7**	**78.68**	**Duplicate via off-site lab**
	29-Oct-01	17	50	
	6-Dec-01	22	64	
	4-Jan-02	128	67	
	13-Feb-02	19	53	
	13-Mar-02	36	70	
	5-Apr-02	28	78	
B113 (L)	28-Apr-98	19	33	Results suspect
	11-May-98	**44**	**120**	**Off-site-Haley & Aldrich Round 11**
	11-May-98	40	119	Duplicate of H&A's via On-site GC
	15-Apr-99	36	84	
	6-May-99	32	117	Round 12 - Peristaltic pump - On-site GC analysis
	11-May-99	27.7	97.7	Round 12 - Average of 3 passive bags-On-site GC
	11-May-99	**32.0**	**99.0**	**Round 12 - Average of 3 passive bags-EPA Lab**
	11-May-99	**32**	**92**	**EPA Lab-Dup of middle bag-Initial=30 TCE & 100 CIS**
	12-May-99	**11**	**51**	**Round 12 - Low-flow - EPA Lab**
	12-May-99	13	54	Round 12 - Low-flow - On-site GC
	28-Jul-99	40	97	
	19-Oct-99	13	48	
	15-Nov-99	**results**	**misplaced**	**USGS sample-passive bag @ midpoint of screen-EPA Lab**
	15-Nov-99	30	91	USGS sample-passive bag @ midpoint of screen-On-site GC
	15-Nov-99	26	85	IT Sample - Peristaltic pump - On-site GC analysis
	6-Jan-00	28	93	
	24-Apr-00	35	117	
	13-Jul-00	32	145	
	17-Oct-00	30	134	
	10-Apr-01	28	101	
	19-Jul-01	34	194	
	17-Sep-01	40	186	
	29-Oct-01	21	124	
	6-Dec-01	25	127	
	4-Jan-02	37	117	
	13-Feb-02	17	98	
	13-Mar-02	30	152	
	5-Apr-02	41	167	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - FAMCAMP/DOWNGRADIENT AREA - LOWER AQUIFER				
RAP 2-2T	28-Apr-98	14	bdl	Results suspect
	11-May-98	**330**	**1,100**	**Off-site-Haley & Aldrich Round 11**
	11-May-98	577	2,220	Duplicate of H&A's via On-site GC
	18-Nov-98	39	275	
	15-Apr-99	548	2,493	
	28-Jul-99	395	1,750	
	19-Oct-99	216	1,417	
	10-Jan-00	378	2,204	Early peaks
	24-Apr-00	434	2,437	
	13-Jul-00	445	2,168	
	17-Oct-00	324	2,099	
	10-Apr-01	35	12	
	19-Jul-01	225	1,821	
	26-Jul-01	2/12??	16/75??	DP Project Sample-ran twice/DP Well TCE=192 & Cis=1,039
	17-Sep-01	331	1,838	
	31-Oct-01	37/38	282/275	Ran sample twice
	27-Nov-01	326	2,287	
	6-Dec-01	413	2,587	
	4-Jan-02	329	2,462	
	13-Feb-02	330	2,453	
	13-Mar-02	343	2,565	
	5-Apr-02	352	2,717	
RAP2-4T	**14-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	14-May-98	3	bdl	Duplicate of H&A's via On-site GC
	15-Oct-99	2	bdl	
	19-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
RAP2-6T	12-Oct-99	2	bdl	1st sampling since Round 10 on 5/8/97
	19-Oct-00	bdl	bdl	
	22-Oct-01	bdl	bdl	
SITE 2 - FAMCAMP/DOWNGRADIENT AREA - BEDROCK AQUIFER				
RAP 2-2R				Results suspect
	12-May-98	**400**	**1,400**	**Off-site-Haley & Aldrich Round 11**
	18-Nov-98	40	295	
	15-Apr-99	370	2,225	
	6-May-99	421	2,316	Round 12 - Peristaltic pump - On-site GC analysis
	12-May-99	452.4	2,396.8	Round 12 - Average of 5 passive bags-On-site GC
	12-May-99	**304.0**	**1,740.0**	**Round 12 - Average of 5 passive bags-EPA Lab**
	14-May-99	**190**	**2,200**	**Round 12 - Low-flow - EPA L lab**
	14-May-99	406	2,553	Round 12 - Low-flow - On-site GC
	28-Jul-99	350	751	
	19-Oct-99	220	1,501	
	10-Jan-00	313	1,994	Early peaks
	24-Apr-00	446	2,589	
	13-Jul-00	447	2,119	
	17-Oct-00	377	2,127	
	10-Apr-01	149	947	
	19-Jul-01	31	763	
	17-Sep-01	33	316	
	31-Oct-01	255	2,000	Large, early peak
	27-Nov-01	215	1,882	
	6-Dec-01	250	2,029	
	4-Jan-02	168	1,359	
	13-Feb-02	62	538	
	13-Mar-02	340	2,476	
	5-Apr-02	269	2,314	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 2 - FAMCAMP/DOWNGRADIENT AREA - BEDROCK AQUIFER				
RAP2-4R	**14-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	14-May-98	3	bdl	Duplicate of H&A's via On-site GC
	15-Oct-99	bdl	bdl	
	19-Oct-00	bdl	bdl	
	23-Oct-01	bdl	bdl	
RAP2-6R	12-Oct-99	5	bdl	1st sampling since Round 10 on 5/8/97
	19-Oct-00	bdl	bdl	
	22-Oct-01	bdl	bdl	
BOUNDARY/BEDFORD FOREST AREA - SURFACE AQUIFER				
B102 (S)	**14-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	16-Nov-99	bdl	bdl	
	27-Nov-00	bdl	bdl	
	27-Nov-01	bdl	bdl	
B127 (S)	**11-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	24-Nov-98	bdl	bdl	
	18-Nov-99	bdl	bdl	
	27-Nov-00	bdl	bdl	
	26-Nov-01	bdl	bdl	
B128 (S)	**13-May-98**	**13**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	13-May-98	11	bdl	Duplicate of H&A's via On-site GC - early peak
	19-Nov-98	bdl	bdl	Small early peak
	24-Nov-98	bdl	bdl	
	28-May-99	7	bdl	
	16-Nov-99	3	bdl	
	16-Nov-99	**1**	**bdl**	**duplicate via Off-site Lab**
	22-May-00	bdl	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**bdl**	**bdl**	**duplicate via Off-site Lab**
	15-May-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**0.2F**	**bdl**	**duplicate via Off-site Lab**
	9-May-02	bdl	bdl	
B129 (S)	**13-May-98**	**bdl**	**24**	**Off-site-Haley & Aldrich Round 11**
	13-May-98	65	31	Duplicate of H&A's via On-site GC-heavy silt-results suspect
	20-Nov-98	2.56	bdl	Heavy silt
	20-Nov-98	bdl	bdl	Duplicate-medium silt
	28-May-99	2	bdl	
	16-Nov-99	bdl	bdl	early peak
	16-Nov-99	**bdl**	**7.2**	**duplicate via Off-site Lab; VC=.6J**
	18-May-00	9	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**bdl**	**3.75**	**duplicate via Off-site Lab**
	17-May-01	bdl/bdl	3.0/2.3	ran sample twice
	27-Nov-01	bdl	bdl	
	27-Nov-01	**bdl**	**5.94**	**duplicate via Off-site Lab; VC=0.75F**
	8-May-02	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - SURFACE AQUIFER				
B246 (S)	**14-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	14-May-98	5	bdl	Duplicate of H&A's via On-site GC
	20-Nov-98	bdl	bdl	
	11-May-99	bdl/2	bdl/3	with duplicate
	16-Nov-99	bdl	bdl	
	16-Nov-99	**bdl**	**bdl**	**duplicate via Off-site Lab**
	21-Dec-99	8	bdl	
	18-May-00	4	bdl	
	21-Jun-00	bdl	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**bdl**	**bdl**	**duplicate via Off-site Lab**
	17-May-01	bdl	1	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**0.1F**	**0.34F**	**duplicate via Off-site Lab**
	8-May-02	bdl	bdl	
B247 (S)	**12-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	19-Nov-98	bdl	bdl	
	28-May-99	3	bdl	
	15-Nov-99	bdl	bdl	
	15-Nov-99	**bdl**	**bdl**	**duplicate via Off-site Lab**
	17-May-00	4	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**bdl R**	**bdl R**	**duplicate via Off-site Lab - LAB SURROGATE FAILURE**
	22-May-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**bdl**	**bdl**	**duplicate via Off-site Lab**
	9-May-02	bdl	bdl	
B250 (S)	**11-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-May-99	5	bdl	
	19-Nov-98	bdl	bdl	
	15-Nov-99	2	bdl	
	15-Nov-99	**bdl**	**bdl**	**duplicate via Off-site Lab**
	17-May-00	6	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**bdl**	**bdl**	**duplicate via Off-site Lab**
	22-May-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**bdl**	**bdl**	**duplicate via Off-site Lab**
	9-May-02	bdl	bdl	
B253 (S)	19-Mar-98	6	bdl	Initial S&A following well development
	27-Mar-98	9	bdl	
	15-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	10-Nov-98	2	bdl	
	10-May-99	bdl	bdl	
	11-Nov-99	1	bdl	
	11-Nov-99	**bdl**	**bdl**	**duplicate via Off-site Lab**
	17-May-00	5	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**bdl**	**bdl**	**duplicate via Off-site Lab**
	15-May-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**bdl**	**bdl**	**duplicate via Off-site Lab**
	9-May-02	bdl	bdl	
PO1-2S	**20-May-98**	**2.7**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	24-Nov-99	2	bdl	
	27-Nov-00	bdl	bdl	
	23-Nov-01	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - SURFACE AQUIFER				
RAP1-4S	**20-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	24-Nov-99	bdl	bdl	
	27-Nov-00	bdl	bdl	
	26-Nov-01	bdl	bdl	**straw colored**
RAP1-7 (S)	12-Sep-00	bdl	bdl	Newly installed
	22-Sep-00	**bdl**	**bdl**	**Peristaltic pump sample via Off-site Lab; Dupl for GC Froze**
	27-Nov-00	bdl	bdl	
	27-Nov-00	**bdl**	**bdl**	**duplicate via Off-site Lab**
	24-Jul-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**bdl**	**bdl**	**duplicate via Off-site Lab**
	9-May-02	bdl	bdl	
RAP2-1S	28-Apr-98	18	bdl	Results suspect
	8-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	18-Nov-98	bdl	bdl	
	18-Nov-99	14	bdl	**Results suspect**
	23-Dec-99	4	bdl	
	28-Nov-00	na	na	Unable to analyse pudding like sample
	21-Nov-01	bdl	bdl	**Bentonite fouled**
RAP2-3S	28-Apr-98	11	bdl	Results suspect
	9-Nov-98	3	bdl	
	24-Nov-99	bdl	bdl	
	27-Nov-00	bdl	bdl	
	26-Nov-01	bdl	bdl	
SW-202/SS204	21-Jun-00	bdl	bdl	
SW-203/SS205	21-Jun-00	bdl	bdl	
BOUNDARY/BEDFORD FOREST AREA - LOWER AQUIFER				
B111 (L)	**11-May-98**	**16**	**5.6**	**Off-site-Haley & Aldrich Round 11**
	11-May-98	21	bdl	Duplicate of H&A's via On-site GC
	24-Nov-98	11	bdl	
	10-May-99	60	bdl	Round 12 - Peristaltic pump - On-site GC analysis
	10-May-99	101.3	4.6	Round 12 - Average of 3 passive bags-On-site GC
	10-May-99	**75.7**	**8.4**	**Round 12 - Average of 3 passive bags-EPA Lab**
	10-May-99	**84**	**8.9**	**EPA Lab - Duplicate of middle bag-Initial TCE=85 & CIS=8.2**
	11-May-99	**47**	**5.9**	**Round 12 - Low-flow - EPA Lab**
	11-May-99	54	bdl	Round 12 - Low-flow - On-site GC
	15-Nov-99	**100**	**30**	**USGS-passive bag @ midpoint of screen w/dup - EPA Lab**
	15-Nov-99	58/53	5/bdl	USGS-passive bag @ midpoint of screen w/dup - On-site GC
	15-Nov-99	73	7	IT sample - Peristaltic pump - On-site GC analysis
	15-Nov-99	**72**	**18**	**IT duplicate via Off-site Lab; Methylene Chloride=1.6J**
	22-May-00	59	69	
	27-Nov-00	43	73	
	27-Nov-00	**85.6**	**132.16**	**duplicate via Off-site Lab**
	24-May-01	21	44	
	26-Nov-01	3	10	
	26-Nov-01	**9.3/9.1**	**29.31/28.61**	**duplicate via Off-site Lab w/duplicate**
	9-May-02	10	31	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - LOWER AQUIFER				
B126 (L)	**13-May-98**	**41**	**21**	**Off-site-Haley & Aldrich Round 11**
	13-May-98	25	12	Duplicate of H&A's via On-site GC
	7-May-99	11/12	5/4	Round 12 - Peristaltic pump - On-site GC analysis w/dup
	10-May-99	23.6	4.5	Round 12 - Average of 3 passive bags-On-site GC
	10-May-99	**19.0**	**11.1**	**Round 12 - Average of 3 passive bags-EPA Lab**
	11-May-99	**19**	**11**	**Round 12 - Low-flow - EPA Lab**
	11-May-99	11	bdl	Round 12 - Low-flow - On-site GC
	11-Nov-99	10	4	
	11-Nov-99	**22**	**20**	**duplicate via Off-site Lab**
	15-Nov-99	**30**	**22**	**USGS-ave of 3 passive bags-EPA Lab**
	15-Nov-99	19.67	8	USGS-ave of 3 passive bags/top-mid-bottom - On-site GC
	15-Nov-99	16	8	IT sample - Peristaltic pump - On-site GC analysis
	18-May-00	24	4	
	27-Nov-00	6	bdl	Sample suspect-leaky septum
	27-Nov-00	**17.2**	**17.67**	**duplicate via Off-site Lab**
	21-May-01	14	6	
	27-Nov-01	3	bdl	
	27-Nov-01	**8.4**	**3.79**	**duplicate via Off-site Lab**
B245 (L)	**14-May-98**	**24**	**22**	**Off-site-Haley & Aldrich Round 11**
	14-May-98	24	14	Duplicate of H&A's via On-site GC
	20-Nov-98	6	9	
	11-May-99	bdl	bdl	Round 12 - Peristaltic pump - On-site GC analysis
	11-May-99	**7.3**	**13**	**Round 12 - Peristaltic pump duplicate - EPA Lab**
	11-May-99	4/3.3	7.9/7.3	Round 12 - 1 passive bag-On-site GC with duplicate
	11-May-99	**7.4/7.1**	**15/15**	**Round 12 - 1 passive bag-EPA Lab with duplicate**
	16-Nov-99	3	bdl	
	16-Nov-99	**8**	**12**	**duplicate via Off-site Lab; trans1,2-DCE=.2J**
	18-May-00	6	13	
	28-Nov-00	3	bdl	
	28-Nov-00	**5.3**	**12.80**	**duplicate via Off-site Lab**
	17-May-01	5	27	
	27-Nov-01	3	7	
	27-Nov-01	**9.5**	**23.72**	**duplicate via Off-site Lab**
	8-May-02	23	8	
B248 (L)	**12-May-98**	**1,000**	**230**	**Off-site-Haley & Aldrich Round 11**
	12-May-98	1,050	224	Duplicate of H&A's via On-site GC
	19-Nov-98	120	55	Sample suspect
	24-Nov-98	1,096	175	
	11-May-99	414	176	Round 12 - 1 passive bag-On-site GC
	11-May-99	**470**	**170**	**Round 12 - 1 passive bag-EPA Lab**
	12-May-99	**260**	**130**	**Round 12 - Low-flow - EPA Lab**
	12-May-99	438	140	Round 12 - Low-flow - On-site GC
	15-Nov-99	**560**	**210**	**USGS - 1 passive bag @ midpoint of screen via EPA Lab**
	15-Nov-99	474	195	Duplicate of USGS passive bag via On-site GC
	15-Nov-99	515/420	163/136	IT sample via Peristaltic pump & On-site GC analysis w/dup
	15-Nov-99	**670/690**	**230/230**	**IT sample via Peristaltic pump & Off-site Lab analysis w/dup; 1,1-DCA=6J/bdl, Benzene=5.1J/bdl, Methy.Chloride=bdl/10JB**
	17-May-00	454	253	
	28-Nov-00	518/505	215/210	
	28-Nov-00	**471.4/499.8**	**193.9/194.65**	**duplicate via Off-site Lab w/duplicate**
	22-May-01	347	374	
	27-Nov-01	173	112	
	27-Nov-01	**258.2/261.6**	**148.58/153.9**	**duplicate via Off-site Lab w/duplicate**
	9-May-02	**120**	**142**	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - LOWER AQUIFER				
B251 (L)	**11-May-98**	**56**	**4.1**	**Off-site-Haley & Aldrich Round 11**
	11-May-98	52	bdl	Duplicate of H&A's via On-site GC
	19-Nov-98	9	bdl	Sample suspect
	24-Nov-98	13	bdl	
	10-May-99	13	bdl	Round 12 - Peristaltic pump - On-site GC analysis
	11-May-99	12/14	bdl/bdl	Round 12 - 1 passive bag-On-site GC with duplcate
	11-May-99	**18**	**1**	**Round 12 - 1 passive bag-EPA Lab**
	11-May-99	**22**	**4**	**Round 12 - Low-flow - EPA Lab**
	11-May-99	14	bdl	Round 12 - Low-flow - On-site GC
	15-Nov-99	**20/20**	**2.0/2.2**	**USGS- passive bag @ midp. of screen via EPA Lab & dup**
	15-Nov-99	31	bdl	Duplicate of USGS passive bag via On-site GC-Vial not full
	15-Nov-99	8	bdl	IT sample via Peristaltic pump & On-site GC analysis
	15-Nov-99	**8.2**	**1.9**	**IT sample via Peristaltic pump & Off-site Lab analysis**
	17-May-00	19	bdl	
	28-Nov-00	7	bdl	
	28-Nov-00	**8.7**	**7.71**	**duplicate via Off-site Lab**
	22-May-01	11	bdl	
	27-Nov-01	8	4	
	27-Nov-01	**17.5**	**18.39**	**duplicate via Off-site Lab**
	9-May-02	12	13	
B254 (L)	27-Mar-98	11	bdl	Initial S&A following well development
	15-May-98	**11**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	15-May-98	11	bdl	Duplicate of H&A's via On-site GC
	10-Nov-98	5	bdl	
	10-May-99	7/5	bdl/bdl	Round 12 - Peristaltic pump-On-site GC analysis w/dup
	10-May-99	6	bdl	Round 12 - 1 passive bag-On-site GC
	10-May-99	**7.6**	**1.4**	**Round 12 - 1 passive bag-EPA Lab**
	11-May-99	**2.6/2.2**	**bdl/bdl**	**Round 12 - Low-flow - EPA Lab with duplicate**
	11-May-99	bdl	bdl	Round 12 - Low-flow - On-site GC
	11-Nov-99	5.6/6.1	bdl/bdl	with duplicate
	11-Nov-99	**14/13**	**2.7/2.6**	**Off-site Lab with duplicate Benzene=.2J/.2J**
	17-May-00	20	bdl	
	28-Nov-00	10/11	bdl/bdl	
	28-Nov-00	**14.5/15**	**2.85/2.91**	**duplicate via Off-site Lab w/duplicate**
	15-May-01	6	bdl	
	27-Nov-01	12	bdl	
	27-Nov-01	**21.8/23.1**	**3.95/4.28**	**duplicate via Off-site Lab w/duplicate**
	9-May-02	9	bdl	
PO2-1T	**8-May-98**	**330**	**1,700**	**Off-site-Haley & Aldrich Round 11**
	8-May-98	220	1,823	Duplicate of H&A's via On-site GC-Early peaks
	24-Nov-98	44	814	
	27-May-99	74	1,242	
	18-Nov-99	57	1,592	Early peaks
	22-May-00	55	2,024	
	24-May-01	38	2,119	
	21-Nov-01	15	894	
	9-May-02	14	580	
PO2-2T	**8-May-98**	**2,800**	**1,000**	**Off-site-Haley & Aldrich Round 11**
	8-May-98	2,110	1,105	Duplicate of H&A's via On-site GC
	18-Nov-99	2,317	1,284	
	22-May-00	2,373	1,050	
	23-May-01	1,493	573	
	21-Nov-01	441	248	
	8-May-02	997	480	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - LOWER AQUIFER				
RAP1-1T	**13-May-98**	**3.2**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	18-Nov-98	ns	ns	well dry
	21-May-99	20	bdl	
	16-Nov-99	**ns**	**ns**	**well dry**
	22-May-00	2	bdl	
	28-Nov-00	**ns**	**ns**	**well dry**
	21-May-01	bdl	bdl	
	27-Nov-01	**ns**	**ns**	**well dry**
	8-May-02	5	bdl	
RAP1-7 (T)	12-Sep-00	12	bdl	Newly installed well
	22-Sep-00	**29.4**	**2.55**	**Peristaltic pump sample via Off-site Lab; Dupl for GC Froze**
	27-Nov-00	10.7/10.3	bdl/bdl	
	27-Nov-00	**18.6/20.8**	**1.64/1.82**	**duplicate via Off-site Lab**
	21-May-01	bdl	13	
	24-Jul-01	15	bdl	
	27-Nov-01	9	bdl	
	27-Nov-01	**26.8**	**2.48**	**duplicate via Off-site Lab**
	9-May-02	20	bdl	
RAP2-1T	**8-May-98**	**2,400**	**220**	**Off-site-Haley & Aldrich Round 11**
	8-May-98	1,987	190	Duplicate of H&A's via On-site GC
	9-Nov-98	217	31	
	6-May-99	1,305	99	Round 12 - Peristaltic pump - On-site GC analysis
	12-May-99	1,082.2	65.0	Round 12 - average of 5 passive bags-On-site GC
	12-May-99	1,623	132	Rd 12-dup of midpoint via On-site GC-initial TCE/CIS=1648/89
	12-May-99	**695.0**	**57.8**	**Round 12 - average of 5 passive bags-EPA Lab**
	13-May-99	**880.0**	**bdl**	**Round 12 - Low-flow - EPA Lab**
	13-May-99	1,640	121	Round 12 - Low-flow - On-site GC
	11-Nov-99	435	97	
	11-Nov-99	**850**	**240**	**duplicate via Off-site Lab**
	22-May-00	503	215	
	27-Nov-00	170	218	
	27-Nov-00	**107.1**	**124.78**	**duplicate via Off-site Lab**
	23-May-01	167	403	
	21-Nov-01	36	195	
	26-Nov-01	31	203	
	26-Nov-01	**5.1**	**33.5**	**duplicate via Off-site Lab**
	8-May-02	22	200	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - LOWER AQUIFER				
RAP2-3T	28-Apr-98	297	1,050	Results suspect
	7-May-98	**440**	**110**	**Off-site-Haley & Aldrich Round 11**
	7-May-98	340	73	Duplicate of H&A's via On-site GC
	9-Nov-98	152	156	
	6-May-99	137	34	Round 12 - Peristaltic pump-On-site GC analysis
	12-May-99	101.6	42.8	Round 12 - average of 5 passive bags-On-site GC
	12-May-99	**135.4**	**52.0**	**Round 12 - average of 5 passive bags-EPA Lab**
	12-May-99	79	6	Rd 12-dup of 2nd from top via On-site GC-initial TCE/CIS=66/6
	13-May-99	**170**	**77**	**Round 12 - Low-flow - EPA Lab**
	13-May-99	228	97	Round 12 - Low-flow - On-site GC
	11-Nov-99	134	25	
	11-Nov-99	**240**	**62**	**duplicate via Off-site Lab; Methylene Chloride=2.2J, Benzene=1.3J, Ethylbenzene=.6J, Styrene=.7J, Xylene=1J**
	22-May-00	230	42	
	27-Nov-00	1,058	467	
	27-Nov-00	**1,777**	**692**	**duplicate via Off-site Lab**
	21-May-01	1,160	651	
	22-Jun-01	166	836	
	19-Jul-01	15	16	
	24-Aug-01	80	105	
	17-Sep-01	50	45	
	26-Nov-01	52	51	
	26-Nov-01	**91.6**	**86.12**	**duplicate via Off-site Lab**
	6-Dec-01	88	94	
	10-Jan-02	64	76	
	13-Feb-02	48	70	
	13-Mar-02	34	29	
	5-Apr-02	62	84	
BOUNDARY/BEDFORD FOREST AREA - BEDROCK AQUIFER				
B244A (R)	**14-May-98**	**46**	**56**	**Off-site-Haley & Aldrich Round 11**
	14-May-98	46	50	Duplicate of H&A's via On-site GC
	20-Nov-98	51	12	
	11-May-99	24	44	Round 12 - Peristaltic pump - On-site GC analysis
	11-May-99	**35**	**56**	**Round 12 - Peristaltic pump duplicate - EPA Lab**
	11-May-99	16.4	42.8	Round 12 - Average of 5 passive bags-On-site GC
	11-May-99	**25**	**65.2**	**Round 12 - Average of 5 passive bags-EPA Lab**
	16-Nov-99	19	43	
	16-Nov-99	**12**	**48**	**duplicate via Off-site Lab; Methylene Chloride=1.3JB**
	18-May-00	21	49	
	28-Nov-00	17/25	16/22	Re-run of sample, clogged needle
	28-Nov-00	**29.3**	**37.84**	**duplicate via Off-site Lab**
	17-May-01	21	38	
	27-Nov-01	23	42	
	27-Nov-01	**43.8**	**71.95**	**duplicate via Off-site Lab, VC=4.29**
	8-May-02	5	20	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - BEDROCK AQUIFER				
B249 (R)	**12-May-98**	**50**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	12-May-98	46	bdl	Duplicate of H&A's via On-site GC
	19-Nov-98	1	bdl	Sample suspect
	24-Nov-98	38	bdl	
	10-May-99	26	bdl	Round 12 - Peristaltic pump - On-site GC analysis
	11-May-99	27/28	bdl/bdl	Round 12 - 1 passive bag-On-site GC with duplcate
	11-May-99	**35**	**2.9**	**Round 12 - 1 passive bag-EPA Lab**
	12-May-99	**18**	**bdl**	**Round 12 - Low-flow - EPA Lab**
	12-May-99	14	bdl	Round 12 - Low-flow - On-site GC
	15-Nov-99	**26/28**	**3.0/2.8**	**USGS- passive bag @ midp. of screen via EPA Lab & dup**
	15-Nov-99	16	bdl	Duplicate of USGS passive bag via On-site GC-Vial not full
	15-Nov-99	21	bdl	IT sample via Peristaltic pump & On-site GC analysis
	15-Nov-99	**13**	**1.6**	**duplicate via Off-site Lab; Methy Chloride = .2J, Carbon Disulfide = 16, Toluene=.4J, Xylene (total)=.2J**
	17-May-00	68	bdl	
	28-Nov-00	15	bdl	
	28-Nov-00	**18.2**	**2.35**	**duplicate via Off-site Lab**
	22-May-01	11	bdl	
	27-Nov-01	4	bdl	
	27-Nov-01	**9.9**	**0.74**	**duplicate via Off-site Lab**
	9-May-02	5	bdl	
B252 (R)	**12-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	19-Nov-98	bdl	bdl	Sample suspect
	24-Nov-98	bdl	bdl	Large early peak
	27-May-99	3	bdl	Large early peak
	15-Nov-99	bdl	bdl	Early peak
	15-Nov-99	**bdl**	**1.8**	**duplicate via Off-site Lab; 1,1-DCE=1.8, 1,1-DCA=1.4, 1,1,1-TCA=14, Toluene=.1J**
	17-May-00	bdl	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**1.0**	**bdl**	**duplicate via Off-site Lab; 1,1-DCE=1.41, 1,1-DCA=1.54, 1,1,1-TCA=27.09, Benzene=.12F, Toluene=.29F**
	22-May-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**0.2F**	**bdl**	**duplicate via Off-site Lab; 1,1-DCE=1.43, 1,1-DCA=0.97, 1,1,1-TCA=16.46, Toluene=0.14F, Chloroethane=0.3F**
	9-May-02	bdl	bdl	
B255 (R)	27-Mar-98	3	bdl	Initial S&A following well development
	15-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	10-Nov-98	2	bdl	
	10-May-99	bdl	bdl	Round 12 - Peristaltic pump-On-site GC analysis
	10-May-99	bdl	bdl	Round 12 - 1 passive bag-On-site GC
	10-May-99	**bdl**	**bdl**	**Round 12 - 1 passive bag-EPA Lab**
	11-May-99	**bdl**	**bdl**	**Round 12 - Low-flow - EPA Lab with duplicate**
	11-May-99	bdl	bdl	Round 12 - Low-flow - On-site GC
	11-Nov-99	bdl	bdl	
	11-Nov-99	**bdl**	**bdl**	**duplicate via Off-site Lab; Carbon Disulfide = .9J/ Toluene=.2J/Xylene (total)=.1J**
	17-May-00	5	bdl	
	28-Nov-00	bdl	bdl	
	28-Nov-00	**bdl**	**bdl**	**duplicate via Off-site Lab**
	15-May-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**bdl**	**bdl**	**duplicate via Off-site Lab**
	9-May-02	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - BEDROCK AQUIFER				
PO1-2R	**20-May-98**	**12**	**2.7**	**Off-site-Haley & Aldrich Round 11**
	20-May-98	13	bdl	Duplicate of H&A's via On-site GC
	27-May-99	14	bdl	
	11-Nov-99	12	bdl	
	11-Nov-99	**26**	**3.8**	**duplicate via Off-site Lab; VC=1.7J/Toluene=11**
	17-May-00	25	bdl	
	27-Nov-00	4	bdl	
	27-Nov-00	**8.1**	**0.80**	**duplicate via Off-site Lab**
	21-May-01	9	bdl	
	26-Nov-01	5	bdl	
	26-Nov-01	**19.5**	**0.47**	**duplicate via Off-site Lab**
PO2-1R	**8-May-98**	**350**	**1,800**	**Off-site-Haley & Aldrich Round 11, VC=130**
	24-Nov-98	131	1,648	
	27-May-99	110	1,523	
	18-Nov-99	54	1,423	Early peaks
	22-May-00	64	2,209	Early peaks
	24-May-01	39	2,472	
	21-Nov-01	12	867	Large early peak// 9-May-02 = 11 - 358
PO2-1RA	24-Nov-99	51	817	1st sampling in 90's
	24-May-01	25	819	
	21-Nov-01	3	247	9-May-02 = bdl - 108
PO2-2R	**8-May-98**	**130**	**45**	**Off-site-Haley & Aldrich Round 11**
	24-Nov-98	36	10	
	6-May-99	55	12	Round 12-Peristaltic pump-On-site GC analysis
	12-May-99	163.2	64.4	Round 12 - average of 5 passive bags-On-site GC
	12-May-99	**163.4**	**63.6**	**Round 12 - average of 5 passive bags-EPA Lab**
	13-May-99	**66.0**	**25**	**Round 12 - Low-flow - EPA Lab**
	13-May-99	52	11	Round 12 - Low-flow - On-site GC
	18-Nov-99	136	62	
	22-May-00	211	103	
	23-May-01	195	105	
	21-Nov-01	96	63	
	8-May-02	191	118	
PT1-RA	**20-May-98**	**7.8**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	20-May-98	5	bdl	Duplicate of H&A's via On-site GC
	27-May-99	14	18	
	24-Nov-99	bdl	bdl	
	17-May-00	6	53	
	21-May-01	bdl	53	Large/early peak
	23-Nov-01	bdl	22	
	8-May-02	bdl	8	
PT2-RA	24-Nov-99	185	356	1st sampling in 90's
	24-May-01	200	522	
	23-Nov-01	241	1,254	9-May-02 = 102 - 613
RAP1-1R	**13-May-98**	**2.5**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	13-May-98	6	bdl	Duplicate of H&A's via On-site GC
	18-Nov-98	bdl	bdl	
	21-May-99	2	bdl	
	16-Nov-99	3	bdl	
	16-Nov-99	**3.4**	**bdl**	**duplicate via Off-site Lab**
	22-May-00	bdl	bdl	
	28-Nov-00	bdl	bdl	Sampled by bailer, water level to low for p. pump
	28-Nov-00	**1.5**	**bdl**	**duplicate via Off-site Lab**
	21-May-01	bdl	bdl	
	27-Nov-01	bdl	bdl	
	27-Nov-01	**0.2F**	**bdl**	**duplicate via Off-site Lab**
	8-May-02	8.0	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
BOUNDARY/BEDFORD FOREST AREA - BEDROCK AQUIFER				
RAP1-4RA	**20-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	20-May-98	4	bdl	Duplicate of H&A's via On-site GC
	27-May-99	5	bdl	
	11-Nov-99	**bdl/4.2**	**bdl/2.6**	**GC & duplicate via Off-site Lab**
	22-May-00	bdl	bdl	
	27-Nov-00	**bdl/2.2**	**bdl/0.75**	**GC & duplicate via Off-site Lab**
	21-May-01	bdl	bdl	
	26-Nov-01	**bdl/2.0**	**bdl/.66F**	**GC & duplicate via Off-site Lab**
RAP1-7 (R)	**13-May-98**	**200**	**12**	**Off-site-Haley & Aldrich Round 11**
	13-May-98	203	5	Duplicate of H&A's via On-site GC
	19-Nov-98	138	bdl	
	10-May-99	205	5	Round 12 - Peristaltic pump-On-site GC analysis
	10-May-99	291.8	6.6	Round 12 - average of 5 passive bags-On-site GC
	10-May-99	**185.2**	**3.0**	**Round 12 - average of 5 passive bags-EPA Lab**
	11-May-99	**180.0**	**8.2**	**Round 12 - Low-flow - EPA Lab**
	11-May-99	217	bdl	Round 12 - Low-flow - On-site GC
	11-Nov-99	143	bld	IT sample - ave of 2 passive bags (mid & bottom of screen)
	11-Nov-99	**315**	**21.5**	**IT sample - ave of 2 passive bags via Off-site Lab**
	11-Nov-99	129	bdl	IT peristaltic pump sample
	11-Nov-99	**230**	**18**	**IT peristaltic pump sample via Off-site Lab**
	22-May-00	205	bdl	
	22-Sep-00	**243**	**12.5**	**Peristaltic pump sample via Off-site Lab; Dupl for GC Froze**
	27-Nov-00	172	bdl	
	27-Nov-00	**195.7**	**10.34**	**duplicate via Off-site Lab**
	21-May-01	184	bdl	
	27-Nov-01	149	bdl	leaky septum
	27-Nov-01	**217**	**14.62**	**duplicate via Off-site Lab**
	9-May-02	195	bdl	
RAP2-1R	**8-May-98**	**500**	**130**	**Off-site-Haley & Aldrich Round 11**
	9-Nov-98	143	258	
	6-May-99	1,364	401	Round 12 - Peristaltic pump - On-site GC analysis
	12-May-99	1,045.2	333.8	Round 12 - average of 5 passive bags-On-site GC
	12-May-99	708.0	290.0	Round 12 - average of 5 passive bags-On-site GC
	12-May-99	**790**	**250**	**Rd 12 - dup of midpoint via EPA Lab-initial TCE/CIS=780/270**
	13-May-99	**750**	**470**	**Round 12 - Low-flow - EPA Lab**
	13-May-99	1,268	440	Round 12 - Low-flow - On-site GC
	11-Nov-99	443	690	
	11-Nov-99	**880**	**1,100**	**duplicate via Off-site Lab; 1,1-DCE=11J**
	22-May-00	1,424	547	
	27-Nov-00	460	614	
	27-Nov-00	**628.3**	**778.99**	**duplicate via Off-site Lab**
	23-May-01	1,008	565	
	21-Nov-01	347	192	
	26-Nov-01	245	207	
	26-Nov-01	**264.6**	**278.1**	**duplicate via Off-site Lab**
	8-May-02	514	301	
RAP2-3R	28-Apr-98	11	bdl	Results suspect
	12-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	9-Nov-98	2	bdl	
	27-May-99	18	bdl	
	11-Nov-99	**bdl/bdl**	**bdl/bdl**	**GC & duplicate via Off-site Lab**
	22-May-00	bdl	bdl	
	27-Nov-00	**bdl/bdl**	**bdl/bdl**	**GC & duplicate via Off-site Lab**
	24-May-01	bdl	bdl	
	19-Jul-01	bdl	bdl	
	24-Aug-01	bdl	bdl	
	26-Nov-01	**bdl/bdl**	**bdl/bdl**	**GC & duplicate via Off-site Lab**

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - RECHARGE/COLLECTION TRENCH AREA - SURFACE AQUIFER				
B116	**18-Jun-96**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 9**
	17-Dec-99	7	bdl	Sample suspect/lost headspace
	20-Feb-01	3	bdl	
	26-Apr-01	bdl	bdl	
	26-Dec-01	bdl	bdl	
	18-Apr-02	bdl	bdl	
	18-Apr-02	**bdl**	**bdl**	**duplicate via Off-site Lab - PCE = 0.14F**
B117	7-Apr-98	3	bdl	
	26-May-98	**2**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	17-Dec-99	5	bdl	
	20-Feb-01	bdl	bdl	
	26-Apr-01	9	34	
	26-Dec-01	1	12	
	18-Apr-02	6	bdl	
	18-Apr-02	**3.6**	**4.2**	**duplicate via Off-site Lab - PCE = 0.15F, VC = 0.52F**
B119	**17-Jun-96**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 9**
	17-Dec-99	bdl	bdl	
	20-Feb-01	bdl	bdl	
	26-Apr-01	bdl	bdl	
	26-Dec-01	bdl	bdl	
B-120	**16-May-97**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 10**
	17-Dec-99	2	bdl	Sample suspect/lost headspace
	20-Feb-01	bdl	bdl	
	26-Apr-01	bdl	bdl	
	26-Dec-01	bdl	bdl	
OW 3-1	7-Apr-98	1	bdl	
	18-Sep-98	7/8	bdl/bdl	Ran sample twice
	29-Sep-98	bdl	bdl	
	23-Nov-98	bdl	bdl	
	8-Dec-99	bdl	bdl	
	23-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	
OW 3-2	7-Apr-98	3	bdl	
	29-Sep-98	bdl	bdl	large unknown peak
	23-Nov-98	bdl	bdl	large unknown very early peak
	8-Dec-99	bdl	bdl	large unknown very early peak
	23-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	
OW 3-3	7-Apr-98	5	bdl	
	29-Sep-98	2	bdl	
	23-Nov-98	12	6	
	8-Dec-99	bdl	bdl	
	23-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	
OW 3-4	7-Apr-98	4	bdl	
	29-Sep-98	2	bdl	
	23-Nov-98	1.56	bdl	
	8-Dec-99	bdl	bdl	
	23-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - RECHARGE/COLLECTION TRENCH AREA - SURFACE AQUIFER				
OW 3-5	7-Apr-98	2	bdl	
	29-Sep-98	bdl	bdl	
	23-Nov-98	4	bdl	
	8-Dec-99	151	1,129	
	17-Dec-99	110	311	Sample suspect/lost headspace
	23-Apr-01	7/8	bdl/bdl	Ran sample twice
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	
OW 3-6	17-Mar-98	11	116	
	7-Apr-98	2	65	
	29-Sep-98	24	464	large unknown peak
	23-Nov-98	16	371	large unknown early peak
	25-Mar-99	3	135	
	23-Jun-99	46	477	
	21-Sep-99	199	548	
	8-Dec-99	7	444	
	11-Apr-00	bdl	27	
	23-Jun-00	bdl	183	
	27-Oct-00	bdl	144	
	24-Apr-01	5	65	
	22-Jun-01	5	44	
	27-Aug-01	bdl	25	
	13-Sep-01	bdl	46	
	28-Jan-02	bdl	bdl	
	25-Mar-02	bdl	bdl	
B118	17-Mar-98	48	179	
Replaces OW	7-Apr-98	2	5	
	26-May-98	**34**	**66**	**Off-site-H&A Round 11**
	29-Sep-98	15	438	
	23-Nov-98	10	262	
	25-Mar-99	6	99	
	23-Jun-99	26	114	
	21-Sep-99	9/9/8	57/62/49	Ran sample 3 times
	10-Nov-99	5	60	
	10-Nov-99	**4.2J**	**100**	**duplicate via Off-site Lab**
	8-Dec-99	41	bdl	Sample suspect
	17-Dec-99	6	13	Sample suspect/lost headspace
	11-Apr-00	3	69	
	23-Jun-00	5	135	
	27-Oct-00	3	199	
	29-Nov-00	18	493	
	29-Nov-00	**26.7**	**380.36**	**duplicate via Off-site Lab**
	24-Apr-01	5	265	
	22-Jun-01	4	211	
	27-Aug-01	bdl	77	
	13-Sep-01	bdl	39	
	23-Nov-01	bdl	bdl	
	26-Dec-01	bdl	bdl	
	28-Jan-02	bdl	10	
	25-Mar-02	bdl	20	
	18-Apr-02	2	bdl	
	18-Apr-02	**0.4F**	**12.3**	**duplicate via Off-site Lab - PCE = 0.38F, Trans = 0.53F**

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - RECHARGE/COLLECTION TRENCH AREA - SURFACE AQUIFER				
OW 3-7	7-Apr-98	2	bdl	
	27-May-98	**bdl/bdl**	**bdl/bdl**	**Off-site-H&A Round 11, BTEX = 130 ppb**
	27-May-98	bdl	bdl	Duplicate of H&A's
	18-Sep-98	8	bdl	
	29-Sep-98	bdl	bdl	
	23-Nov-98	bdl	bdl	
	10-Nov-99	bdl	bdl	
	10-Nov-99	**1.50**	**1.50**	**duplicate via Off-site Lab; Ethylbenzene=.3J**
	8-Dec-99	bdl	bdl	
	29-Nov-00	18	bdl	
	29-Nov-00	**2.1**	**1.17F**	**duplicate via Off-site Lab; Ethylbenzene=32.78, Xylene=7.46**
	23-Apr-01	5	bdl	
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	
	18-Apr-02	2	bdl	
	18-Apr-02	**0.4F**	**1.2**	**dupl. via Off-site Lab-PCE = .17F, VC = .24F, 1,4-DCB = .11F**
OW 3-8	7-Apr-98	2	bdl	
	29-Sep-98	bdl	bdl	early unknown peak
	23-Nov-98	bdl	bdl	
	8-Dec-99	bdl	bdl	
	24-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	26-Dec-01	bdl	bdl	
OW 3-9	7-Apr-98	4	bdl	
	29-Sep-98	bdl	bdl	early unknown peak
	23-Nov-98	bdl	bdl	
	8-Dec-99	bdl	bdl	
	24-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	26-Dec-01	2	bdl	
OW 3-10	7-Apr-98	3	bdl	
	29-Sep-98	bdl	bdl	early unknown peak
	23-Nov-98	bdl	bdl	
	8-Dec-99	ns	ns	went dry during collection
	8-Dec-99	4	bdl	Sample suspect/lost headspace
	23-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	
OW 3-11	17-Mar-98	75	36	
	7-Apr-98	77	78	
	29-Sep-98	16	2,871	early unknown peak
	23-Nov-98	19	380	
	25-Mar-99	8	683	
	23-Jun-99	41	377	
	21-Sep-99	65	332	
	8-Dec-99	61	16	large, early unknown peak
	11-Apr-00	35	76	
	23-Jun-00	25	2,137	
	27-Oct-00	26	8	
	23-Apr-01	9	bdl	
	22-Jun-01	10	16	
	27-Aug-01	9	22	
	13-Sep-01	9	24	Late unknown small peak
	21-Dec-01	8	bdl	
	25-Mar-02	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - RECHARGE/COLLECTION TRENCH AREA - SURFACE AQUIFER				
OW 3-12	7-Apr-98	2	bdl	
	29-Sep-98	bdl	bdl	
	23-Nov-98	bdl	bdl	
	8-Dec-99	bdl	125	
	23-Apr-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	21-Dec-01	bdl	bdl	
OW 3-13	17-Mar-98	20	15	
	7-Apr-98	4	5	
	29-Sep-98	bdl	bdl	
	23-Nov-98	bdl	bdl	
	25-Mar-99	11	45	
	23-Jun-99	12	28	
	21-Sep-99	bdl	bdl	
	8-Dec-99	bdl	bdl	
	11-Apr-00	bdl	152	
	23-Jun-00	1	122	
	27-Oct-00	bdl	42	
	24-Apr-01	bdl	bdl	
	22-Jun-01	bdl	bdl	
	27-Aug-01	bdl	bdl	
	13-Sep-01	bdl	bdl	
	26-Dec-01	4	bdl	
	25-Mar-02	bdl	bdl	
OW 3-14	7-Apr-98	3	bdl	
	29-Sep-98	bdl	bdl	
	23-Nov-98	3	bdl	
	8-Dec-99	bdl	bdl	
	24-Apr-01	27	bdl	
	22-Jun-01	98	222	
	27-Aug-01	39	28	
	23-Nov-01	bdl	bdl	
	26-Dec-01	5	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - RECHARGE/COLLECTION TRENCH AREA - LOWER AQUIFER				
A-5	**27-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-May-98	bdl	bdl	Duplicate of H&A's via On-site GC
	30-Mar-00	bdl	bdl	
	24-Apr-01	bdl	bdl	
	10-Jan-02	bdl	bdl	
B121	8-Apr-98	4	bdl	
	26-May-98	**2**	**5.6**	**Off-site-Haley & Aldrich Round 11**
	22-Mar-00	3	bdl	
	20-Feb-01	bdl	bdl	
	28-Jan-02	bdl	bdl	
B122	8-Apr-98	5	bdl	
	26-May-98	**2.6/2.3**	**14/14**	**Off-site-Haley & Aldrich Round 11-9.6/9.2 1,1-DCA**
	20-Apr-99	1.9	bdl	
	10-Nov-99	1.4	bdl	
	30-Mar-00	bdl	bdl	
	17-Apr-00	5	bdl	
	17-Apr-00	**1.1M**	**8.37**	**dup-Lab, 6.26 1,1-DCA+1,1-DCE+1,2-DCA+benzene+trans**
	27-Oct-00	bdl	bdl	
	18-Jan-01	12	bdl	
	18-Jan-01	**1.2**	**9.96**	**duplicate via Off-site Lab, 7.42 1,1-DCA, .28F Benzene**
	20-Feb-01	bdl	bdl	
	26-Apr-01	bdl	bdl	
	28-Jan-02	bdl	bdl	
	18-Apr-02	bdl	bdl	
	18-Apr-02	**1.0**	**7.8**	**dup-Lab, 1,1-DCA=4.84, 1,1-DCE=.44F, benzene=.15F**
B123	8-Apr-98	2	bdl	
	4-Jun-98	**1.9**	**2.3**	**Off-site-Haley & Aldrich Round 11**
	30-Mar-00	bdl	bdl	
	20-Feb-01	bdl	bdl	
	28-Jan-02	bdl	bdl	
B-125	17-Mar-98	118	bdl	
	8-Apr-98	4	bdl	
	27-May-98	**1.8**	**5.6**	**Off-site-Haley & Aldrich Round 11**
	27-May-98	2	bdl	Duplicate of H&A's via On-site GC
	20-Apr-99	bdl	bdl	
	10-Nov-99	1.4	bdl	
	30-Mar-00	bdl	bdl	
	17-Apr-00	6	bdl	
	17-Apr-00	**0.8M**	**2.65**	**dup via Off-site Lab, 2.29 1,1-DCA+1,1-DCE+tetra+trans**
	27-Oct-00	bdl	bdl	
	18-Jan-01	3	bdl	
	18-Jan-01	**0.4F**	**1.92**	**duplicate via Off-site Lab, 8.37 toluene, 1.19 1,1-DCA**
	23-Apr-01	1	bdl	
	28-Jan-02	bdl	bdl	
	18-Apr-02	bdl	bdl	
	18-Apr-02	**0.5F**	**1.5**	**duplicate via Off-site Lab, 1,1-DCA = 0.8**
HAFB3	8-Apr-98	1	bdl	
	26-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	22-Mar-00	bdl	bdl	
	26-Apr-01	bdl	bdl	
	28-Jan-02	bdl	bdl	

Bold = Off-site lab results

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	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - RECHARGE/COLLECTION TRENCH AREA - BEDROCK AQUIFER				
B124	8-Apr-98	4	bdl	
	26-May-98	**2**	**5.6**	**Off-site-Haley & Aldrich Round 11**
	30-Mar-00	bdl	bdl	
	20-Feb-01	bdl	bdl	Large, early peak ??
	28-Jan-02	bdl	bdl	
B-231	8-Apr-98	2	bdl	
	26-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	26-May-98	22	bdl	Duplicate of H&A's-Results suspect
	22-Mar-00	bdl	bdl	
	26-Apr-01	bdl	bdl	
	28-Jan-02	bdl	bdl	
B-232	8-Apr-98	3	bdl	
	27-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-May-98	8	bdl	Duplicate of H&A's-Results suspect/septum missing
	30-Mar-00	bdl	bdl	
	17-Apr-00	3/13	bdl/bdl	
	17-Apr-00	**bdl/bdl**	**bdl/bdl**	**duplicate via Off-site Lab, .17F/.18F tetrachloroethene**
	18-Jan-01	5	bdl	
	18-Jan-01	**bdl**	**bdl**	**duplicate via Off-site Lab, .17F tetrachloroethene**
	28-Jan-02	bdl	bdl	
	18-Apr-02	bdl	bdl	
	18-Apr-02	**bdl**	**bdl**	**duplicate via Off-site Lab, PCE = 0.17F**
SITE 3 - UP/DOWNGRADIENT - SURFACE AQUIFER				
A-1	**18-Jun-96**	**.6j**	**bdl**	**Off-site-Haley & Aldrich Round 9-no detects 1990-94**
	14-Dec-99	16	bdl	Sample suspect/lost headspace
	30-Mar-00	bdl	bdl	
	17-Apr-00	6	bdl	
	17-Apr-00	**bdl**	**bdl**	**duplicate via Off-site Lab**
	23-Apr-01	bdl	bdl	
	26-Dec-01	bdl	bdl	
B-234	**28-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	16	bdl	Duplicate of H&A's-Results suspect
	17-Dec-99	6	bdl	Sample suspect/lost headspace
	25-Apr-01	bdl	bdl	
	26-Dec-01	1	bdl	
B-235	8-Apr-98	bdl	bdl	
	28-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	11/12	bdl/bdl	Duplicate of H&A's-Reran sample-Results suspect
	17-Dec-99	3	bdl	Sample suspect/lost headspace
	25-Apr-01	4	bdl	
	26-Dec-01	2	bdl	
CW-6A	**27-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 10**
	27-May-98	11	bdl	Duplicate of H&A's-Results suspect
	17-Dec-99	na	na	Sample vial leaked in storage
	26-Apr-01	bdl	bdl	
	26-Dec-01	bdl	bdl	
RAP 3-1S	**19-May-97**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 10**
	17-Dec-99	21	bdl	Sample suspect/lost headspace
	27-Feb-01	bdl	bdl	
	25-Apr-01	bdl	bdl	
	26-Dec-01	3	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - UP/DOWNGRADIENT - SURFACE AQUIFER				
RAP 3-3S	7-Apr-98	69	bdl	
	27-May-98	**20**	**-**	**Off-site-Haley & Aldrich Round 11**
	27-May-98	24	bdl	Duplicate of H&A's-Results suspect
	10-Nov-99	177	bdl	
	10-Nov-99	**270**	**11 J**	**duplicate via Off-site Lab**
	30-Mar-00	102	bdl	
	17-Apr-00	132	bdl	
	17-Apr-00	**113.3**	**2.4**	**duplicate via Off-site Lab, .17F Tetrachloroethylene**
	29-Nov-00	175	bdl	
	29-Nov-00	**157.4**	**4.12F**	**duplicate via Off-site Lab**
	22-Jun-01	85	bdl	
	27-Aug-01	105	bdl	
	13-Sep-01	71	bdl	
	26-Dec-01	60	bdl	
	25-Mar-02	50	bdl	
	18-Apr-02	30/32	bdl/bdl	w/duplicate
	18-Apr-02	**42.6/41.8**	**3.53/3.51**	**Off-site Lab dupl w/dupl, Methylene Chloride = 0.2F/0.2F**
RAP 3-4S	7-Apr-98	3	bdl	
	28-May-98	**10/9.5**	**4.4/3.5**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	26	bdl	Duplicate of H&A's-Results suspect
	10-Nov-99	bdl	bdl	
	10-Nov-99	**3**	**1**	**duplicate via Off-site Lab; PCE=.3J**
	17-Dec-99	2	bdl	Sample suspect/lost headspace
	29-Nov-00	bdl	bdl	
	29-Nov-00	**1.5**	**.26F**	**duplicate via Off-site Lab**
	25-Apr-01	bdl	bdl	
	26-Dec-01	11	bdl	
	18-Apr-02	3	bdl	
	18-Apr-02	**5.8**	**5.70**	**duplicate via Off-site Lab, PCE = 0.29F, 1,1-DCA = 0.21F**
RAP 5-2S	8-Apr-98	3	bdl	
	17-Dec-99	27	bdl	Sample suspect/lost headspace
	25-Apr-01	bdl	bdl	
	26-Dec-01	4	bdl	
LOWER AQUIFER				
B-236	21-Apr-98	bdl	bdl	
	28-May-98	**1.2/1.2**	**18/18**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	30	16	Duplicate of H&A's-Results suspect
	22-Mar-00	5	bdl	
	24-Apr-01	2	12	
	10-Jan-02	bdl	bdl	
CW-6	21-Apr-98	bdl	bdl	
	27-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-May-98	28	bdl	Duplicate of H&A's-Results suspect/septum missing
	22-Mar-00	3	bdl	
	26-Apr-01	bdl	bdl	
	10-Jan-02	bdl	bdl	
RAP 3-1T	8-Apr-98	2	bdl	
	28-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	27	bdl	Duplicate of H&A's-Results suspect
	22-Mar-00	2	bdl	
	18-Jan-01	13	bdl	
	27-Feb-01	17	bdl	
	10-Jan-02	bdl	bdl	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
SITE 3 - UP/DOWNGRADIENT - LOWER AQUIFER				
RAP 3-3T	8-Apr-98	bdl	bdl	
	27-May-98	**1.5/1.6**	**16/16**	**Off-site-Haley & Aldrich Round 11/Duplicate**
	27-May-98	1	13	Duplicate of H&A's-Results suspect
	30-Mar-00	bdl	bdl	
	17-Apr-00	12	5	
	17-Apr-00	**0.9M**	**11.6**	**Lab, 1,1-DCA=6.43,+1,1-DCE+1,2-DCA+Benzene+VC+trans**
	18-Jan-01	**1F**	**12.31**	**dup Lab, 1,1-DCA = 6.69, +1,1-DCE +1,2-DCA +Benzene**
	28-Jan-02	bdl	bdl	
	18-Apr-02	bdl	bdl	
	18-Apr-02	**1F**	**11.85**	**dup Lab, 1,1-DCA = 5.48, +1,1-DCE +1,2-DCA +Benzene**
RAP 3-4T	8-Apr-98	5	bdl	
	28-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	16	bdl	Duplicate of H&A's-Results suspect
	22-Mar-00	bdl	bdl	
	17-Apr-00	7	bdl	
	17-Apr-00	**bdl**	**0.31F**	**duplicate via Off-site Lab**
	18-Jan-01	5	bdl	
	18-Jan-01	**bdl**	**0.44F**	**dup-Off-site Lab, 0.12F 1,1-DCA**
	10-Jan-02	bdl	bdl	
	18-Apr-02	bdl	bdl	
	18-Apr-02	**bdl**	**0.28F**	**duplicate via Off-site Lab**
RAP 5-2T	**28-May-98**	**2/2**	**31/32**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	23	29	Duplicate of H&A's-Results suspect
	22-Mar-00	3	9	
	25-Apr-01	bdl	bdl	
	10-Jan-02	bdl	10	
BEDROCK AQUIFER				
A-2	**16-May-97**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 10-1 detect 1990-96**
	22-Mar-00	3	bdl	
	23-Apr-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
RAP5-2R	**28-May-98**	**2**	**32**	**Off-site-Haley & Aldrich Round 11**
	28-May-98	30	30	Duplicate of H&A's-Results suspect
	27-Mar-00	bdl	11	
	25-Apr-01	bdl	16	
	10-Jan-02	bdl	10	

Bold = Off-site lab results

1998-2002 OU-1 LTMP On-site GC Results

NORTHWEST AREA	SAMPLE DATE	TCE ppb	CIS 1-2 ppb	REMARKS
	22-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	30-Mar-00	bdl	bdl	
	25-Apr-01	bdl	bdl	
	23-Jan-02	1	bdl	
BR-1 (R)	21-Apr-98	bdl	bdl	
	22-May-98	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	22-May-98	25	bdl	Duplicate of H&A's-Results suspect
	27-Mar-00	4	bdl	
	27-Feb-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
CW-2 (L-R)	21-Apr-98	bdl	bdl	
	27-Mar-00	bdl	bdl	
	27-Feb-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
CW-3 (L)	21-Apr-98	bdl	bdl	
	27-Mar-00	2	bdl	
	27-Feb-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
CW-3A (U)	27-Mar-00	4	bdl	
	27-Feb-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
CW-19 (L-R)	21-Apr-98	bdl	bdl	
	27-Mar-00	2	bdl	
	25-Apr-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
CW-20 (L-R)	21-Apr-98	bdl	bdl	
	27-Mar-00	bdl	bdl	
	27-Feb-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
CW-20A (S)	21-Apr-98	bdl	bdl	
	27-Mar-00	3	bdl	
	27-Feb-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
HAFB-7 (U)	27-Mar-00	bdl	bdl	
	27-Feb-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
RAP 5-1T	**22-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	27-Mar-00	bdl	bdl	
	25-Apr-01	bdl	bdl	
	23-Jan-02	bdl	bdl	
	26-Feb-02	bdl	bdl	
RAP5-1R	**22-May-98**	**bdl**	**bdl**	**Off-site-Haley & Aldrich Round 11**
	22-May-98	22	bdl	Duplicate of H&A's-Results suspect
	27-Mar-00	bdl	bdl	
	25-Apr-01	bdl	bdl	
	23-Jan-02	9	bdl	
	26-Feb-02	bdl	bdl	1 early peak - may be push peak

Bold = Off-site lab results