

## **APPENDIX 2**

**OMYA - Verpol Plant, Pittsford Vermont**  
**Off-Site Monitoring**

**Sampling Field Data**

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Well:	Pittsford-Florence Water District Gravel Well
911 Address:	256 River Street
Sample Date:	5/31/2007
Sample Time:	7:00
Sample Location:	Sample tap in pumphouse
Purged:	15 minutes
Treatment:	Chlorine is injected downstream from sample tap; no treatment or filtration upstream from the tap.
pH:	7.6
Temperature:	10.3 C
Specific Conductance:	895 umhos
Turbidity	63 NTU

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Location:	Chruscziel Spring
911 Address:	1806 West Creek Road
Sample Date:	5/30/2007
Sample Time:	12:00
Sample Location:	open spring
Purged:	NA - naturally flowing spring
Treatment:	none
pH:	7.3
Temperature:	10.4 C
Specific Conductance:	740 umhos
Turbidity	67 NTU

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Well:	Eugair Bedrock Well (Barn)
911 Address:	7496 Whipple Hollow Road
Sample Date:	5/31/2007
Sample Time:	10:00
Sample Location:	Faucet in milk parlor
Purged:	15 min.
Treatment:	none
pH:	7.4
Temperature:	12.1 C
Specific Conductance:	420 umhos
Turbidity	58 NTU

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Well:	Eugair Spring (House)
911 Address:	7496 Whipple Hollow Road
Sample Date:	5/31/2007
Sample Time:	10:40
Sample Location:	kitchen faucet
Purged:	15 minutes
Treatment:	none. Removed faucet screen before purging/sampling.
pH:	8
Temperature:	11.4 C
Specific Conductance	233.5 umhos
Turbidity	60.5 NTU

**OMYA - Verpol Plant, Pittsford Vermont  
Off-Site Monitoring**

**Sampling Field Data**

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Well:	Eugair Shallow Dug Well
911 Address:	7496 Whipple Hollow Road
Sample Date:	5/31/2007
Sample Time:	9:00
Sample Location:	shallow well in cow pasture
Purged:	NA (grab sample with disposable bailer)
Treatment:	none
pH:	7.6
Temperature:	13.7 C
Specific Conductance	427 umhos
Turbidity	39.5 NTU

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Well:	Orvis Spring
911 Address:	1085 West Creek Road
Sample Date:	5/30/2007
Sample Time:	12:45
Sample Location:	hose tap by front door
Purged:	15 minutes
Treatment:	none
pH:	7.7
Temperature:	11.1 C
Specific Conductance	415.8 umhos
Turbidity	75.5 NTU

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Well:	Sandillo Well
911 Address:	1377 West Creek Road
Sample Date:	5/30/2007
Sample Time:	12:30
Sample Location:	hose tap at back of house
Purged:	15 minutes
Treatment:	none
pH:	7.9
Temperature:	10.8 C
Specific Conductance	420 umhos
Turbidity	53 NTU

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Location:	PO Swale 1
911 Address:	
Sample Date:	5/29/2007
Sample Time:	11:00
Sample Location:	furthest downstream station, in cow field
Purged:	NA (stream grab sample)
Treatment:	none
pH:	7.6
Temperature:	21.6 C
Specific Conductance	711 umhos
Turbidity	80 NTU

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**OMYA - Verpol Plant, Pittsford Vermont**  
**Off-Site Monitoring**

**Sampling Field Data**

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Location: PO Swale 2  
911 Address:  
Sample Date: 5/29/2007  
Sample Time: 12:15  
Sample Location: culvert beneath West Creek Rd.  
Purged: NA (stream grab sample)  
Treatment: none  
pH: 7.9  
Temperature: 17.9 C  
Specific Conductance 708 umhos  
Turbidity 56 NTU

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Location: PO Swale 3  
911 Address:  
Sample Date: 5/30/2007  
Sample Time: 7:30  
Sample Location: above post office  
Purged: NA (stream grab sample)  
Treatment: none  
pH: 8.3  
Temperature: 9.4 C  
Specific Conductance 673 umhos  
Turbidity 66 NTU

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Location: PO Swale 4  
911 Address:  
Sample Date: 5/30/2007  
Sample Time: 8:30  
Sample Location: above small footbridge across stream  
Purged: NA (stream grab sample)  
Treatment: none  
pH: 8.1  
Temperature: 12.0 C  
Specific Conductance 793 umhos  
Turbidity 44 NTU

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Location: PO Swale 5  
911 Address:  
Sample Date: 5/30/2007  
Sample Time: 9:15  
Sample Location: at outlet from Hendee Spring  
Purged: NA (stream grab sample)  
Treatment: none  
pH: 7.7  
Temperature: 11.0 C  
Specific Conductance 805 umhos  
Turbidity 49.5 NTU

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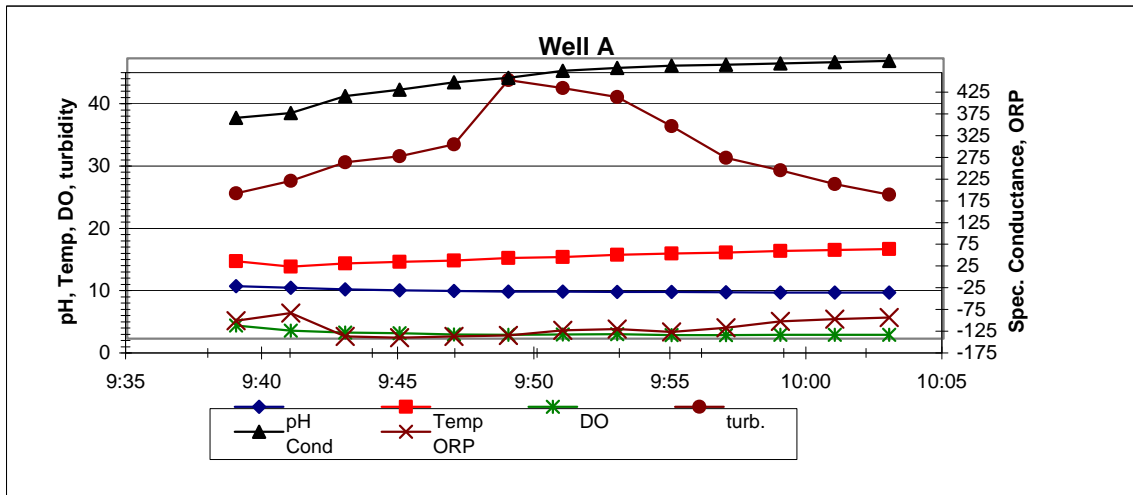
# OMYA - Verpol Plant, Pittsford Vermont

## Bedrock Well Monitoring

### Well Sampling Field Data

Well: A  
 Date: 5/30/2007  
 Static Level: 20.14 Ft. BTC  
 Sampled With: Redi-Flow Pump  
 Pump Set to: 188 Ft. BTC  
 Discharge Rate: 0.2 L/min  
 Sample Time: 10:05

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
9:39	8.40	12.44	333	-133.9	2.09	23.3	19.94	
9:41	8.15	11.54	344	-115.9	1.28	25.3	20.00	
9:43	7.90	12.08	383	-170.1	0.98	28.3	20.05	
9:45	7.74	12.34	398	-172.9	0.85	29.3	20.09	
9:47	7.65	12.52	415	-170.0	0.69	31.2	20.12	
9:49	7.56	12.94	425	-168.0	0.64	41.5	20.16	
9:51	7.55	13.11	441	-156.0	0.68	40.2	20.20	
9:53	7.52	13.45	448	-153.2	0.71	38.8	20.23	
9:55	7.48	13.67	453	-159.4	0.59	34.1	20.26	
9:57	7.43	13.84	455	-150.0	0.56	29.0	20.27	
9:59	7.41	14.06	458	-135.3	0.60	27.0	20.30	
10:01	7.40	14.23	461	-129.9	0.60	24.8	20.31	
10:03	7.39	14.40	464	-126.4	0.60	23.1	20.32	



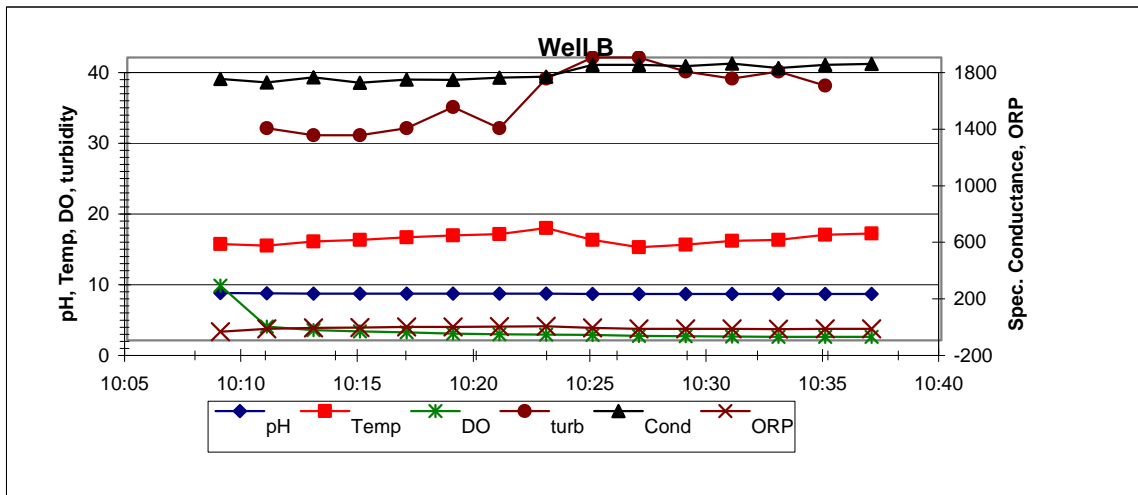
# OMYA - Verpol Plant, Pittsford Vermont

## Bedrock Well Monitoring

### Well Sampling Field Data

Well: B  
 Date: 5/29/2007  
 Static Level: 42.78 Ft. BTC  
 Sampled With: Redi-Flow Pump  
 Pump Set to: 152 Ft. BTC  
 Discharge Rate: 0.27 L/min  
 Sample Time: 10:40

Time	pH std units	Temp. degrees C	Specific Conductance (umhos)	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
10:09	6.68	13.61	1648	-139.7	7.73		49.94	
10:11	6.66	13.41	1623	-118.4	1.93	30	49.93	
10:13	6.62	13.96	1660	-111.8	1.43	29	49.94	
10:15	6.61	14.20	1621	-108.6	1.28	29	49.95	
10:17	6.60	14.56	1645	-104.1	1.15	30	49.96	
10:19	6.60	14.85	1641	-104.0	0.97	33	49.97	
10:21	6.60	15.01	1658	-103.8	0.86	30	49.97	
10:23	6.59	15.87	1664	-99.8	0.82	37	50.02	
10:25	6.57	14.19	1748	-110.7	0.79	40	50.06	
10:27	6.55	13.15	1748	-117.6	0.63	40	50.09	
10:29	6.55	13.51	1739	-119.1	0.59	38	50.09	
10:31	6.55	14.06	1756	-119.2	0.53	37	50.09	
10:33	6.56	14.21	1726	-119.8	0.52	38	50.09	
10:35	6.56	14.91	1749	-117.6	0.51	36	50.09	
10:37	6.56	15.10	1755	-119.1	0.50		50.10	

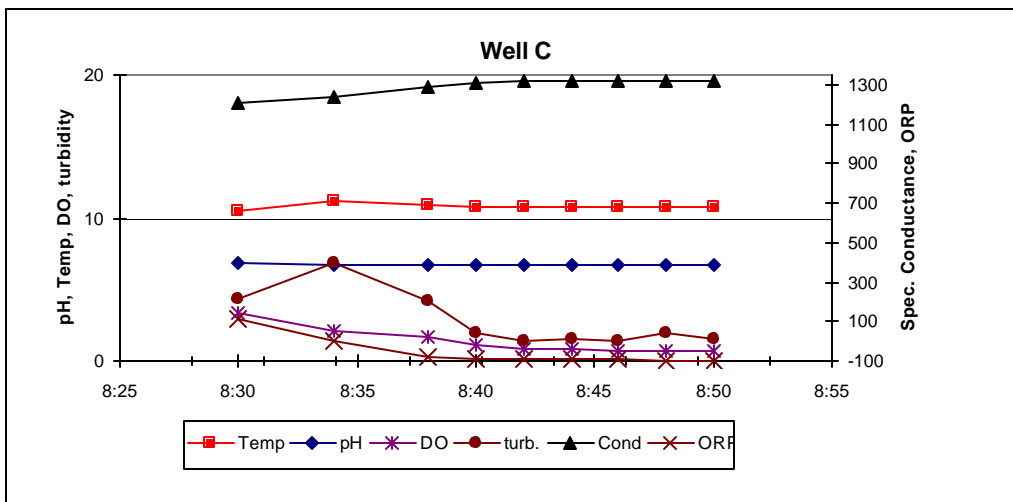


# OMYA - Verpol Plant, Pittsford Vermont Bedrock Well Monitoring

## Well Sampling Field Data

Well: C  
 Date: 5/31/2007  
 Static Level: 31.93 Ft. BTC  
 Sampled With: Bladder Pump  
 Pump Set to: 205 Ft. BTC  
 Discharge Rate: 0.2 Liters/min  
 Sample Time: 8:51

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
8:30	6.80	10.50	1210	109.1	3.37	4.4	31.98	
8:34	6.75	11.12	1242	3.4	2.09	6.8	32.00	
8:38	6.72	10.88	1285	-77.8	1.72	4.2	32.02	
8:40	6.71	10.78	1313	-89.7	1.15	2.0	32.02	
8:42	6.71	10.78	1320	-91.9	0.88	1.4	32.03	
8:44	6.71	10.79	1321	-93.6	0.81	1.5		
8:46	6.71	10.76	1321	-94.3	0.72	1.4	32.03	
8:48	6.71	10.76	1321	-97.5	0.66	1.9		
8:50	6.71	10.79	1322	-98.8	0.64	1.5	32.03	



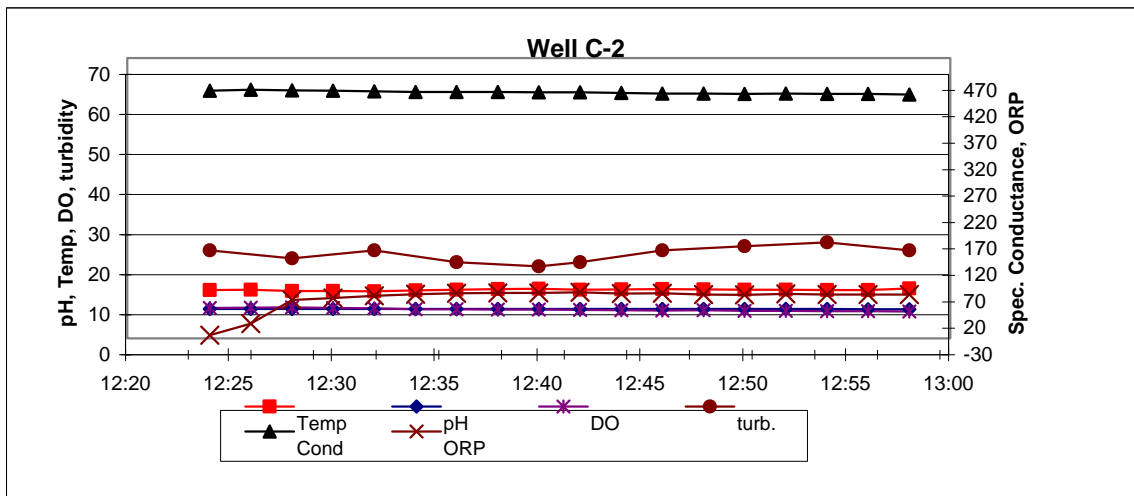
# OMYA - Verpol Plant, Pittsford Vermont

## Bedrock Well Monitoring

### Well Sampling Field Data

Well: C-2  
 Date: 5/30/2007  
 Static Level: 7.18 Ft. BTC  
 Sampled With: Bladder Pump  
 Pump Set to: 204 Ft. BTC  
 Discharge Rate: 0.2 Liters/min  
 Sample Time: 13:00

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
12:24	7.34	12.05	438	-23.7	7.58	22.0	7.35	
12:26	7.32	12.13	440	-2.3	7.71			
12:28	7.34	11.86	439	42.9	7.72	20.0		
12:30	7.33	11.84	438	46.2	7.60			
12:32	7.34	11.78	437	50.4	7.53	22.0		
12:34	7.34	12.01	436	53.3	7.28			
12:36	7.34	12.18	436	55.1	7.28	19.0		
12:38	7.34	12.32	436	55.7	7.20			
12:40	7.35	12.38	435	55.7	7.20	18.0		
12:42	7.35	12.18	435	57.2	7.09	19.0		
12:44	7.34	12.23	434	54.6	7.04			
12:46	7.34	12.34	433	55.2	6.93	22.0		
12:48	7.34	12.22	433	53.0	7.01			
12:50	7.35	12.16	432	52.2	6.91	23.0		
12:52	7.34	12.12	433	54.2	6.91			
12:54	7.35	12.03	432	52.7	6.81	24.0		
12:56	7.31	12.10	432	52.7	6.78			
12:58	7.31	12.45	431	53.1	6.68	22.0		

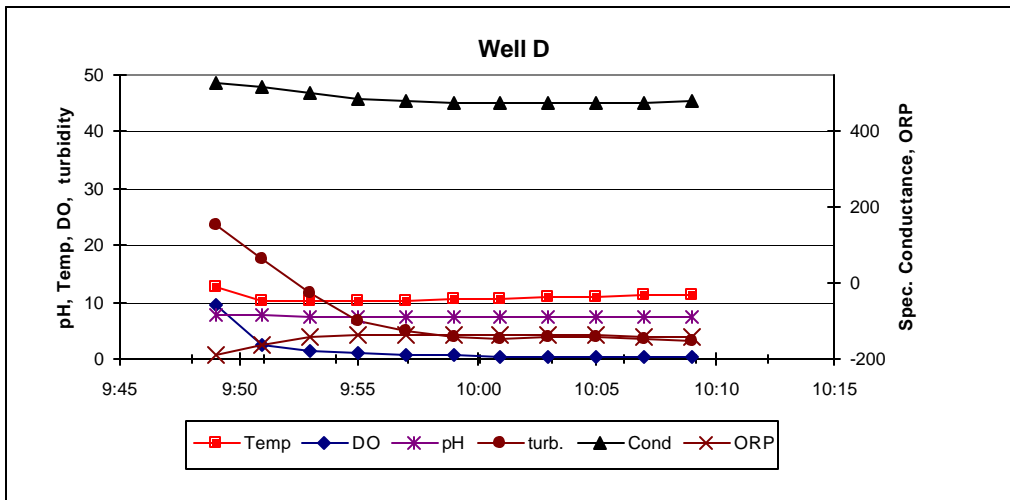


# OMYA - Verpol Plant, Pittsford Vermont Bedrock Well Monitoring

## Well Sampling Field Data

Well: D  
 Date: 5/31/2007  
 Static Level: 6.36 Ft. BTC  
 Sampled With: Redi-Flo Pump  
 Pump Set to: 20 Ft. BTC  
 Discharge Rate: 0.47 Liters/min  
 Sample Time: 7:50

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
9:49	7.77	12.69	527	-189.7	9.40	23.5	6.38	
9:51	7.58	10.20	516	-160.4	2.35	17.6	6.57	
9:53	7.47	10.06	502	-140.7	1.50	11.6	6.74	
9:55	7.42	10.22	484	-136.5	1.05	6.52	6.86	
9:57	7.40	10.33	480	-135.6	0.67	4.98	6.98	
9:59	7.39	10.51	478	-136.3	0.53	3.80	7.09	
10:01	7.38	10.70	477	-137.4	0.42	3.65	7.17	
10:03	7.37	10.87	477	-137.7	0.35	3.76	7.26	
10:05	7.38	11.03	477	-138.6	0.39	3.95	7.32	
10:07	7.38	11.29	478	-140.3	0.33	3.57	7.37	
10:09	7.38	11.35	479	-141.1	0.35	3.23	7.41	

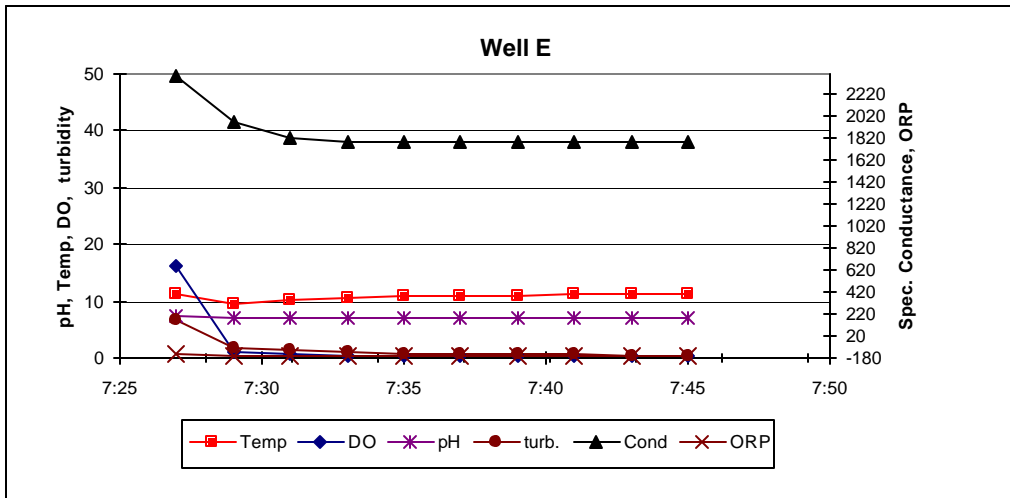


# OMYA - Verpol Plant, Pittsford Vermont Bedrock Well Monitoring

## Well Sampling Field Data

Well: E  
 Date: 5/31/2007  
 Static Level: 1.83 Ft. BTC  
 Sampled With: Redi-Flo Pump  
 Pump Set to: 20 Ft. BTC  
 Discharge Rate: 0.84 Liters/min  
 Sample Time: 7:50

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
7:27	7.22	11.32	2381	-152.7	16.14	6.71	1.97	
7:29	6.98	9.63	1960	-157.9	1.08	1.86	2.05	
7:31	6.92	10.07	1825	-163.4	0.66	1.53	2.13	
7:33	6.90	10.60	1783	-165.4	0.47	1.11	2.19	
7:35	6.90	10.89	1778	-164.9	0.47	0.83	2.23	
7:37	6.89	10.90	1778	-165.1	0.39	0.81	2.28	
7:39	6.89	10.97	1777	-165.6	0.38	0.62	2.31	
7:41	6.89	11.23	1774	-163.0	0.35	0.58	2.35	
7:43	6.89	11.36	1775	-162.3	0.33	0.51	2.37	
7:45	6.89	11.29	1776	-163.1	0.33	0.49	2.39	

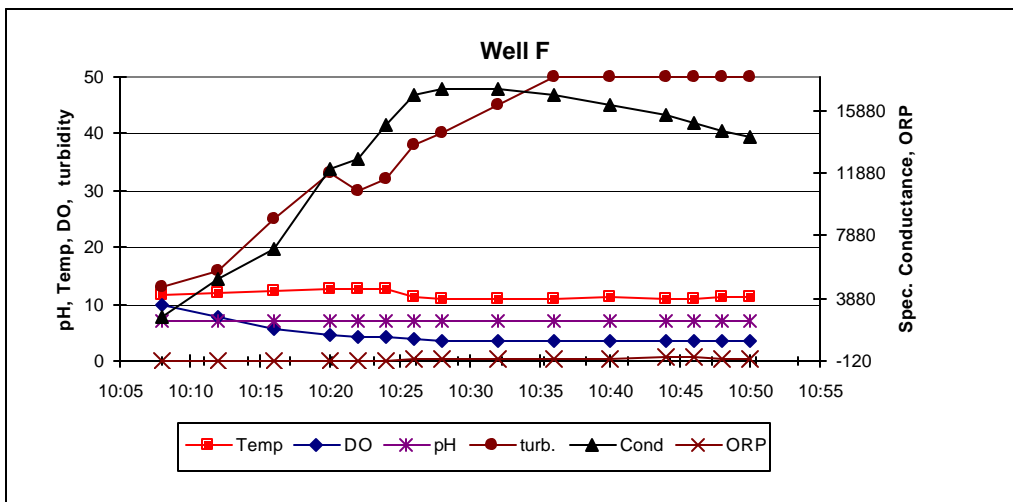


# OMYA - Verpol Plant, Pittsford Vermont Bedrock Well Monitoring

## Well Sampling Field Data

Well: F  
 Date: 5/31/2007  
 Static Level: 16.85 Ft. BTC  
 Sampled With: Bladder Pump  
 Pump Set to: 220 Ft. BTC  
 Discharge Rate: 0.2 Liters/min  
 Sample Time: 10:51

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	water level btc (ft)	Notes
10:08	7.20	11.50	2652	-110.0	10.01	13	16.83	
10:12	7.15	11.97	5068	-100.2	7.67	16	16.86	
10:16	7.10	12.50	7047	-80.2	5.48	25	16.81	
10:20	7.06	12.54	12079	-83.0	4.57	33		
10:22	7.08	12.70	12793	-87.3	4.22	30		
10:24	7.04	12.77	14911	-70.0	4.09	32		
10:26	7.01	11.41	16892	-39.0	3.98	38	16.90	
10:28	7.01	11.08	17295	-10.1	3.69	40		
10:32	7.02	11.00	17270	29.6	3.44	45		
10:36	7.03	10.98	16897	48.9	3.52	50	16.92	
10:40	7.03	11.12	16192	65.1	3.53	50		
10:44	7.05	11.04	15554	74.0	3.54	50		
10:46	7.05	11.07	15060	74.4	3.62	50		
10:48	7.06	11.13	14572	71.1	3.61	50		
10:50	7.06	11.23	14220	69.5	3.60	50	16.99	

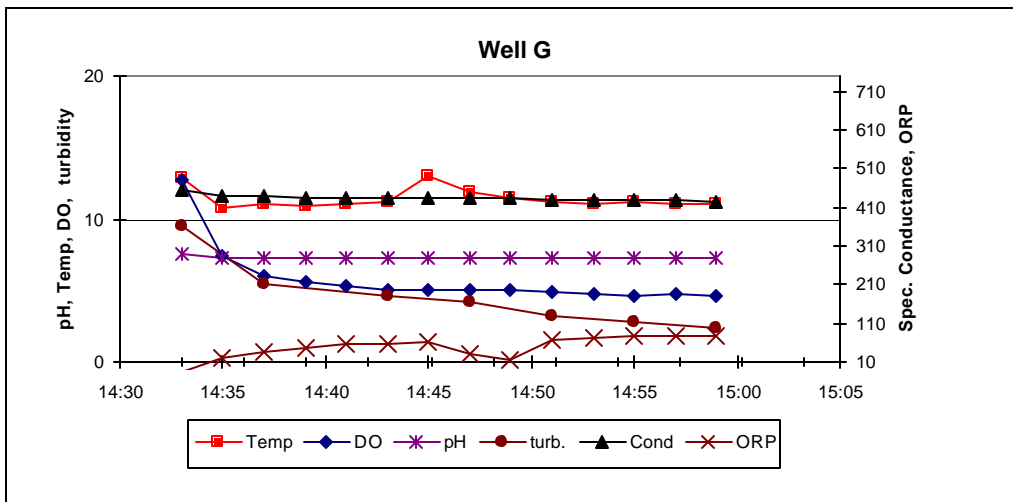


# OMYA - Verpol Plant, Pittsford Vermont Bedrock Well Monitoring

## Well Sampling Field Data

Well: G  
 Date: 5/29/2007  
 Static Level: 14.95 Ft. BTC  
 Sampled With: Bladder Pump  
 Pump Set to: 361 Ft. BTC  
 Discharge Rate: 0.2 Liters/min  
 Sample Time: 15:00

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	water level btc (ft)	Notes
14:33	7.50	12.85	455	-15.7	12.71	9.57	14.83	
14:35	7.33	10.72	441	22.7	7.46			
14:37	7.31	11.09	439	37.3	6.00	5.51	14.99	
14:39	7.31	10.97	436	45.5	5.64			
14:41	7.31	11.09	435	55.9	5.29			
14:43	7.32	11.19	435	58.6	5.09	4.59		
14:45	7.32	13.07	434	60.3	5.05			
14:47	7.32	11.88	435	32.2	5.07	4.16		
14:49	7.32	11.40	433	13.4	4.98			
14:51	7.32	11.12	430	68.2	4.84	3.15		
14:53	7.32	11.05	429	72.8	4.77			
14:55	7.32	11.13	427	75.6	4.67	2.83	14.99	
14:57	7.33	11.09	427	77.6	4.70			
14:59	7.33	11.06	426	78.7	4.63	2.44		



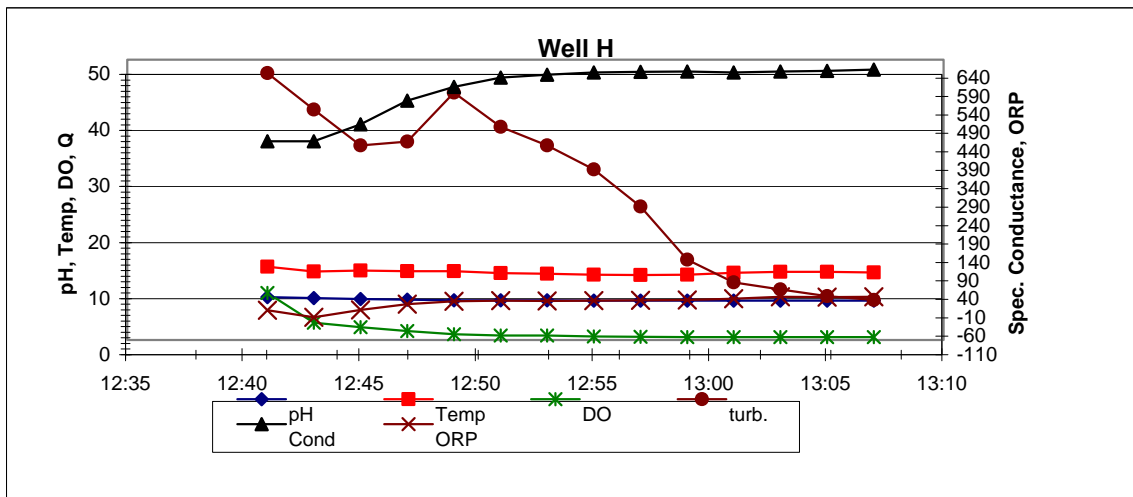
# OMYA - Verpol Plant, Pittsford Vermont

## Bedrock Well Monitoring

### Well Sampling Field Data

Well: H  
 Date: 5/30/2007  
 Static Level: 11.14 Ft. BTC  
 Sampled With: Redi-Flow Pump  
 Pump Set to: 138 Ft. BTC  
 Discharge Rate: 0.29 L/min  
 Sample Time: 13:11

Time	pH std units	Temp. degrees C	Specific Conductance (umhos)	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
12:41	7.67	13.08	429	-28.9	8.41	47.6	11.23	
12:43	7.47	12.23	429	-48.0	3.11	41.1	11.23	
12:45	7.31	12.36	475	-28.1	2.30	34.7	11.24	
12:47	7.18	12.29	539	-13.2	1.57	35.4	11.24	
12:49	7.10	12.25	576	-5.0	1.05	44.1	11.24	
12:51	7.07	11.91	601	-3.3	0.81	38.0	11.24	
12:53	7.05	11.79	609	-4.3	0.79	34.7	11.25	
12:55	7.04	11.67	615	-3.4	0.61	30.4	11.25	
12:57	7.03	11.61	617	-2.0	0.57	23.8	11.25	
12:59	7.03	11.67	618	-1.7	0.54	14.3	11.26	
13:01	7.03	12.00	615	1.8	0.51	10.26	11.26	
13:03	7.01	12.14	618	7.5	0.52	9.0	11.27	
13:05	7.03	12.17	620	6.1	0.52	7.83	11.27	
13:07	7.03	12.04	623	6.9	0.54	7.13	11.27	

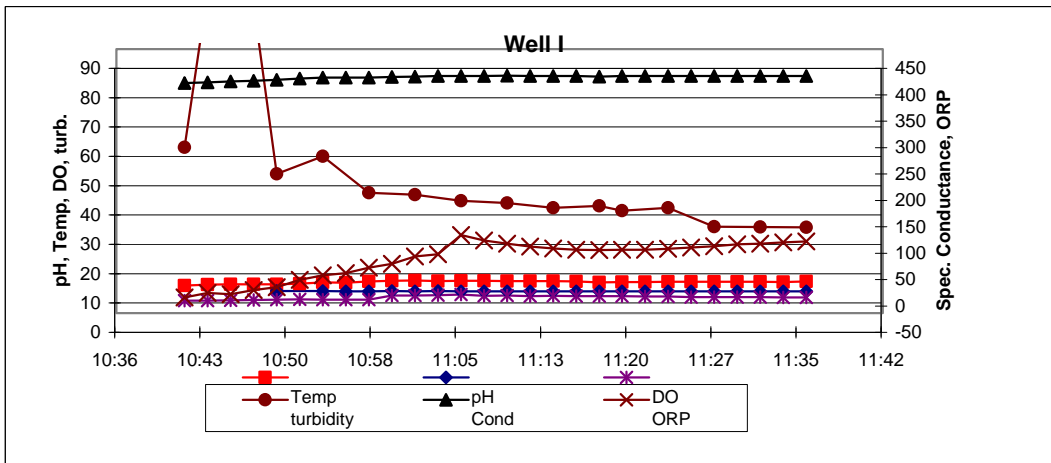


# OMYA - Verpol Plant, Pittsford Vermont Bedrock Well Monitoring

## Well Sampling Field Data

Well: I  
 Date: 5/29/2007  
 Static Level: 7.91 Ft. BTC  
 Sampled With: Bladder Pump  
 Pump Set to: 268 Ft. BTC due to obstruction  
 Discharge rate: 0.22 L/min  
 Sample Time: 11:38

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP mV	DO mg/L	Turbidity (NTU)	water level btc (ft)	Notes
10:42		9.33	386	-20.1	4.21	56.5	7.09	
10:44		9.70	387	-11.7	4.24			
10:46		9.84	389	-14.2	4.33	163	8.28	
10:48		9.84	390	-6.2	4.50			
10:50	7.48	9.85	392	-1.2	4.58	47.5	8.41	
10:52		10.03	394	12.9	4.67			
10:54	7.48	10.48	396	21.8	4.53	53.5	8.65	
10:56	7.47	10.31	396	25.5	4.53			
10:58	7.47	10.80	396	36.1	4.61	41.0	8.65	
11:00	7.48	11.07	397	43.6	5.97			
11:02	7.41	11.13	398	57.0	6.01	40.4	8.75	
11:04	7.50	10.95	399	61.8	6.11			
11:06	7.38	11.04	399	97.9	6.28	38.3	8.85	
11:08	7.44	11.04	399	87.7	5.91			
11:10	7.45	10.89	400	81.8	5.97	37.5	9.00	
11:12	7.45	10.89	399	76.1	5.80			
11:14	7.46	10.90	399	72.6	5.84	35.9	9.15	
11:16	7.47	10.77	399	70.2	5.80			
11:18	7.47	10.51	398	69.6	5.79	36.5	9.31	
11:20	7.46	10.61	399	69.7	5.80	34.9		
11:22	7.46	10.60	399	70.0	5.68			
11:24	7.46	10.68	399	72.0	5.63	35.9	9.45	
11:26	7.46	10.67	399	74.2	5.50			
11:28	7.46	10.68	399	76.5	5.45	29.5	9.60	
11:30	7.46	10.70	399	80.5	5.43			
11:32	7.46	10.69	399	81.5	5.42	29.3	9.78	
11:34	7.46	10.63	399	84.1	5.32			
11:36	7.46	10.75	399	86.0	5.39	29.2	9.85	



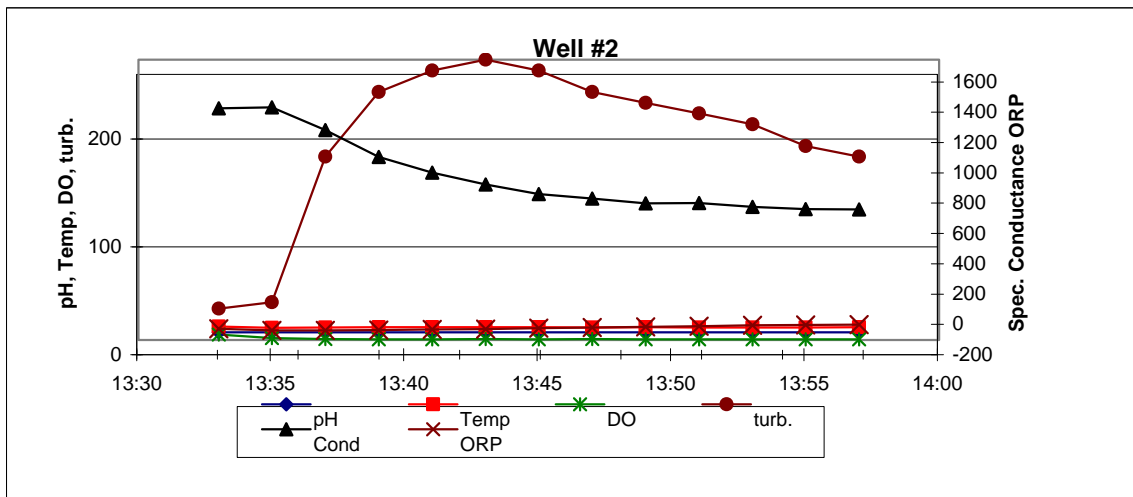
# OMYA - Verpol Plant, Pittsford Vermont

## Bedrock Well Monitoring

### Well Sampling Field Data

Well: 2  
 Date: 5/29/2007  
 Static Level: 9.97 Ft. BTC  
 Sampled With: Redi-Flow Pump  
 Pump Set to: 100 Ft. BTC  
 Discharge Rate: 0.35 L/min  
 Sample Time: 13:59

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity	Water depth btc (ft)	Notes
13:33	7.08	12.50	1330	-126.3	5.00	29	10.02	
13:35	7.01	11.40	1336	-135.7	1.83	35	10.03	
13:37	7.02	11.72	1186	-136.0	1.00	170	10.04	
13:39	7.05	12.02	1007	-133.8	0.69	230	10.03	
13:41	7.10	11.99	904	-131.0	0.57	250	10.03	
13:43	7.12	11.95	826	-127.4	0.75	260	10.04	
13:45	7.13	11.95	763	-122.8	0.62	250	10.04	
13:47	7.15	11.72	734	-117.1	0.76	230	10.03	
13:49	7.17	11.83	701	-112.9	0.72	220	10.04	
13:51	7.17	11.64	703	-108.9	0.67	210	10.03	
13:53	7.17	11.47	678	-103.0	0.67	200	10.05	
13:55	7.18	11.59	663	-100.5	0.59	180	10.04	
13:57	7.18	11.75	662	-99.2	0.61	170	10.03	



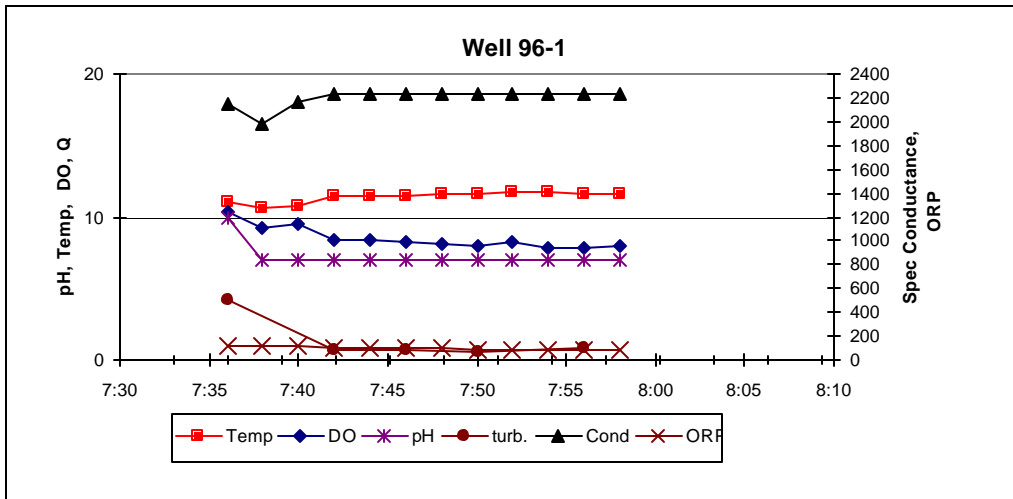
# OMYA - Verpol Plant, Pittsford Vermont

## Bedrock Well Monitoring

### Well Sampling Field Data

Well: 96-1  
 Date: 5/30/2007  
 Static Level: 46.72 Ft. BTC  
 Sampled With: Bladder Pump  
 Pump Set to: 269 Ft. BTC  
 Discharge Rate: 0.21 L/min  
 Sample Time: 8:05

Time	pH std units	Temp. degrees C	Specific Conductance (umhos)	ORP Mv	DO mg/L	Turbidity (NTU)	Water Level btc (ft)	Notes
7:36	9.89	11.11	2156	110.6	10.29	4.2	46.9	
7:38	7.06	10.66	1977	109.9	9.21			
7:40	6.99	10.82	2169	110.0	9.53			
7:42	6.98	10.95	2210	107.4	9.30			
7:44	6.98	11.32	2217	105.1	8.48			
7:46	6.98	11.31	2221	102.8	8.38	1.1		
7:48	6.97	11.46	2224	100.2	8.35	0.75		
7:50	6.97	11.44	2229	97.8	8.33			
7:52	6.97	11.41	2231	95.6	8.31	0.65		
7:54	6.97	11.62	2228	92.7	8.11			
7:56	6.97	11.67	2231	90.2	7.99	0.60		
7:58	6.97	11.70	2230	87.8	8.21			
8:00	6.97	11.71	2234	85.8	7.87			
8:02	6.97	11.66	2236	83.3	7.83	0.80		
8:04	6.96	11.55	2238	81.4	7.92			

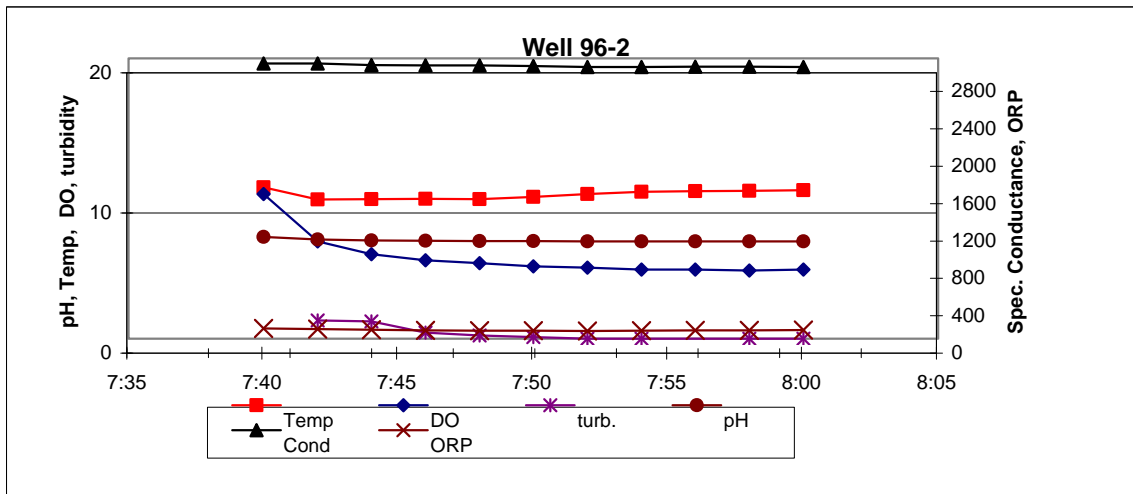


# OMYA - Verpol Plant, Pittsford Vermont Bedrock Well Monitoring

## Well Sampling Field Data

Well: 96-2  
 Date: 5/30/2007  
 Static Level: 31.82 Ft. BTC  
 Sampled With: Redi-Flo pump  
 Pump Set to: 73 Ft. BTC  
 Discharge rate: 0.28 L/min  
 Sample Time: 8:03

Time	pH std units	Temp. degrees C	Specific Conductance umhos	ORP Mv	DO mg/L	Turbidity (NTU)	Water level btc (ft)	Notes
7:40	7.26	10.79	2946	109.6	10.31		32.02	
7:42	7.08	9.94	2945	103.4	6.93	1.31	32.07	
7:44	7.01	9.95	2929	94.2	6.02	1.23	32.11	
7:46	6.98	9.98	2924	89.1	5.60	0.43	32.12	
7:48	6.97	9.95	2926	86.4	5.39	0.23	32.14	
7:50	6.96	10.12	2919	84.1	5.16	0.11	32.19	
7:52	6.95	10.32	2907	83.6	5.06	0.00	32.21	
7:54	6.95	10.47	2909	84.7	4.94	0.00	32.24	
7:56	6.95	10.53	2910	88.3	4.93		34.27	
7:58	6.94	10.55	2910	90.7	4.86	0.00	34.31	
8:00	6.95	10.59	2908	92.3	4.94	0.00	34.35	



OMYA Verpol Plant, Pittsford, Vermont  
 Bedrock Well Monitoring  
 Equilibrated Field Parameter Values

Parameter	Location	3/4/2004	3/18/2004	5/25/2005	10/25/2005	4/24/2006	7/31/2006	8/21/2006	9/20/2006	11/13/2006	5/29/2007	
pH Standard - Units	Dogleg Quarry											
	Dolomite Quarry											
	PIQ Quarry											
	Well #5		8.33	8.44					7.17	7.70	7.39	
	Well #96-1					6.94	7.16	6.78	6.74	6.85	6.96	
	Well #96-2									6.92	6.95	
	Well #2(s)	7.14			7.44	6.99	6.93		6.89	6.96	7.18	
	Well A		7.51	7.58	7.66	7.42	7.44		7.29	7.26	7.39	
	Well B	7.3	7.03	6.76	6.97	6.67	7.13	6.95	6.58	6.58	6.56	
	Well C		6.77	7.15							6.71	
	Well D										7.38	
	Well E										6.89	
	Well F										7.06	
	Well C-2						7.32	7.79		7.30	6.34	7.31
	Well G						7.21	7.57		7.01	6.35	7.33
Well H					7.26	7.08	7.05		6.98	7.06	7.03	
Well I						7.47	7.83		7.45	7.42	7.46	

OMYA Verpol Plant, Pittsford, Vermont  
 Bedrock Well Monitoring  
 Equilibrated Field Parameter Values

Parameter	Location	3/4/2004	3/18/2004	5/25/2005	10/25/2005	4/24/2006	7/31/2006	8/21/2006	9/20/2006	11/13/2006	5/29/2007
Temperature - Degrees C	Dogleg Quarry										
	Dolomite Quarry										
	PIQ Quarry										
	Well #5		5.5	12.2							10.74
	Well #96-1				10.34	10.41	14.47	13.01	11.01	10.85	11.55
	Well #96-2									10.85	10.59
	Well #2(s)	8.7			10.49	8.86	13.59		11.29	10.91	11.75
	Well A		7.7	12.2	8.4	9.52	15.19		9.56	9.69	14.4
	Well B	9.0	8.4	9.7	9.03	9.43	15.66	12.76	11.84	9.76	15.1
	Well C		8.8	10.2							10.79
	Well D										11.35
	Well E										11.29
	Well F										11.23
	Well C-2				9.51	8.63	11.02		9.80	10.02	12.45
	Well G				9.16	8.28	11.10		9.62	9.43	11.06
Well H				9.37	7.31	11.44		9.14	9.82	12.04	
Well I				9.01	8.46	12.33		9.85	9.48	10.75	

OMYA Verpol Plant, Pittsford, Vermont  
 Bedrock Well Monitoring  
 Equilibrated Field Parameter Values

Parameter	Location	3/4/2004	3/18/2004	5/25/2005	10/25/2005	4/24/2006	7/31/2006	8/21/2006	9/20/2006	11/13/2006	5/29/2007
<b>Specific Conductance - umhos</b>	Dogleg Quarry										
	Dolomite Quarry										
	PIQ Quarry										
	Well #5		186	244					462	472	551
	Well #96-1				2703	1940	2222	1926	1197	1971	2238
	Well #96-2									1687	2908
	Well #2(s)	825			1334	1599	1134		1349	1307	662
	Well A		318	478	326	428	451		401	435	464
	Well B	409.0	423	1010	873	1328	1400	1449	1287	1619	1755
	Well C		857	848							13.22
	Well D										479
	Well E										1776
	Well F										14220
	Well C-2				537	444	434		387	455	431
	Well G				927	489	471.00		562	700	426
Well H				709	598	579		576	560	623	
Well I				426	392	383		325	366	399	

OMYA Verpol Plant, Pittsford, Vermont  
 Bedrock Well Monitoring  
 Equilibrated Field Parameter Values

Parameter	Location	3/4/2004	3/18/2004	5/25/2005	10/25/2005	4/24/2006	7/31/2006	8/21/2006	9/20/2006	11/13/2006	5/29/2007
ORP - Mv	Dogleg Quarry										
	Dolomite Quarry										
	PIQ Quarry										
	Well #5		151.4						-16.3		-14.9
	Well #96-1				-713.5	117.3	102.9	-13.0	14.0	18.6	81.4
	Well #96-2									8.3	92.3
	Well #2(s)	127			-149.9	-119.4	-175.3		-170.8	-149.9	-99.2
	Well A		-139.9		-131.4	-57.8	-124.5		-54.2	-57.8	-126.4
	Well B	141.0	133.7		-123.9	-52.9	-203.8	-251.4	-161.1	-110.0	119.1
	Well C		-94.5								-98.8
	Well D										-141.1
	Well E										-163.1
	Well F										69.5
	Well C-2				597.8	56.2	-7.4		-33.70	146.5	53.1
	Well G				517.8	65.5	14.0		-46.2	97.8	78.7
Well H				-154.7	33.4	-66.4		-62.6	-49.6	6.9	
Well I				2113.8	43.5	7.0		-18.0	17.0	86	

OMYA Verpol Plant, Pittsford, Vermont  
 Bedrock Well Monitoring  
 Equilibrated Field Parameter Values

Parameter	Location	3/4/2004	3/18/2004	5/25/2005	10/25/2005	4/24/2006	7/31/2006	8/21/2006	9/20/2006	11/13/2006	5/29/2007	
DO - mg/L	Dogleg Quarry											
	Dolomite Quarry											
	PIQ Quarry											
	Well #5		1.92						2.49		2.78	
	Well #96-1					33.6	1.33	2.63	1.89	1.84	7.92	
	Well #96-2									3.33	4.94	
	Well #2(s)	4.88			0.30	0.32	0.72		0.76	0.45	0.61	
	Well A		3.80		0.64	0.80	1.06		0.52	1.30	0.6	
	Well B	4.02	4.38		2.68	4.37	1.3	0.31	0.36	1.83	0.5	
	Well C		13.33								0.64	
	Well D										0.35	
	Well E										0.33	
	Well F										3.6	
	Well C-2						49.0	39.1		3.03	4.56	6.68
	Well G						45.5	1.96		0.57	1.65	4.63
Well H				0.50		0.91	1.19		0.86	1.52	0.54	
Well I						62.7	5.55		4.26	5.45	5.39	

OMYA Verpol Plant, Pittsford, Vermont  
 Bedrock Well Monitoring  
 Equilibrated Field Parameter Values

Parameter	Location	3/4/2004	3/18/2004	5/25/2005	10/25/2005	4/24/2006	7/31/2006	8/21/2006	9/20/2006	11/13/2006	5/29/2007
Turbidity - NTU	Dogleg Quarry										
	Dolomite Quarry										
	PIQ Quarry										
	Well #5								4.6		1.54
	Well #96-1									2.3	0.80
	Well #96-2									0	0.00
	Well #2(s)								60		170
	Well A								10	2.14	23.1
	Well B								16	6.39	36.0
	Well C										1.50
	Well D										3.23
	Well E										0.49
	Well F										50.0
	Well C-2								16.0	19.8	22.0
	Well G								11	8.74	2.44
Well H								1	7.1	7.13	
Well I									15	29.2	

**OMYA Verpol Plant, Pittsford Vermont  
Offsite Groundwater Monitoring**

**pH Standard - Units  
Equilibrated Values**

Location	9/20/2006	11/13/2006	12/20/2006	5/29/2007
Pittsford/Florence	6.97	7.10	7.7	7.6
Chruscial Spring	6.92	7.8		7.3
Orvis Spring	7.35	7.5		7.7
Sandillo	7.72	7.90		7.9
Eugair Bedrock	7.3	7.8		7.4
Eugair House	7.59	7.7		8
Eugair Shallow	7.5	7.1		7.6

**Temperature - Degrees C  
Equilibrated Values**

Location	9/20/2006	11/13/2006	12/20/2006	5/29/2007
Pittsford/Florence	10.31	10.00	8.9	10.3
Chruscial Spring	13.08	9.7		10.4
Orvis Spring	14.73	13.4		11.1
Sandillo	13.83	10.40		10.8
Eugair Bedrock	12.5	10.5		12.1
Eugair House	15.68	9.9		11.4
Eugair Shallow	15.7	11.5		13.7

**Specific Conductance - umhos  
Equilibrated Values**

Location	9/20/2006	11/13/2006	12/20/2006	5/29/2007
Pittsford/Florence	735	600	270	895
Chruscial Spring	630	509		740
Orvis Spring	396	150		415.8
Sandillo	374	71.5		420
Eugair Bedrock	719	92.7		420
Eugair House	250	133.7		233.5
Eugair Shallow	570	580		427

**Turbidity - NTU  
Equilibrated Values**

Location	9/20/2006	11/13/2006	12/20/2006	5/29/2007
Pittsford/Florence				63
Chruscial Spring				67
Orvis Spring				75.5
Sandillo				53
Eugair Bedrock				58
Eugair House				60.5
Eugair Shallow				39.5

## OMYA - Verpol Plant, Pittsford Vermont

### Bedrock Well Monitoring

pH Standard - Units

Equilibrated Values

Location	9/20/2006	11/13/2006	5/29/2007
PO Swale-5	7.64	8	7.7
PO Swale-4	7.98	8.2	8.1
PO Swale-3	8.04	8.2	8.3
PO Swale-2	7.83		7.9
PO Swale-1	7.54	8.3	7.6

### Temperature - Degrees C

Equilibrated Values

Location	9/20/2006	11/13/2006	5/29/2007
PO Swale-5	13.72	8.7	11
PO Swale-4	13.81	8.6	12
PO Swale-3	13.6	8.7	9.4
PO Swale-2	15.68	8.5	17.9
PO Swale-1	15.93	8.8	21.6

### Specific Conductance - umhos

Equilibrated Values

Location	9/20/2006	11/13/2006	5/29/2007
PO Swale-5	727	646	805
PO Swale-4	713	587	793
PO Swale-3	615	450.2	673
PO Swale-2	620	567	708
PO Swale-1	630	155.8	711

### Turbidity - NTU

Equilibrated Values

Location	9/20/2006	11/13/2006	5/29/2007
PO Swale-5			49.5
PO Swale-4			44
PO Swale-3			66
PO Swale-2			56
PO Swale-1			80