H-2

MONITORING WELL PURGE DATA SHEETS – ROUND 2, NOVEMBER 1999

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/12/1999
WEATHER: Clear; High 40's °F
MONITORING WELL NO.: MWCD-99-01A

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 0		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:15	Started pump														6.33
11:21	8.16	NA	14.87	NA	22,695	NA	-148.0	NA	1.63	NA	65.00	NA	3,900	650	6.33
11:25	8.18	0.02	15.33	3.0	24,115	5.9	-189.3	41.3	0.34	379.4	40.00	62.5	4,980	270	6.32
11:30	8.17	0.01	15.04	1.93	24,786	2.71	-187.7	1.6	0.64	46.88	16.00	150.0	6,730	350	6.33
11:33	Battery of Pump Controller is out of charge. Replaced by 12:10 hrs.														
12:10	8.19	0.02	16.48	100.00	25,065	100.00	-170.4	170.4	0.38	100.00	12.00	33.3	7,810	360	6.26
12:15	8.19	0.00	15.21	8.3	24,393	2.8	-191.9	21.5	0.53	28.3	5.20	130.8	9,610	360	6.25
12:20	8.18	0.01	15.09	0.80	24,388	0.02	-194.0	2.1	0.56	5.36	3.20	62.5	11,410	360	6.24
12:25	8.19	0.01	15.05	0.3	24,189	0.8	-196.8	2.8	0.57	1.8	2.40	33.3	13,210	360	6.20
12:30	8.18	0.00	15.08	0.07	23,904	2.02	-197.8	3.8	0.46	21.74	1.40	71.4	15,010	360	6.18
12:35	8.18	0.00	15.11	0.2	23,591	1.3	-199	1.2	0.45	2.2	1.10	27.3	16,810	360	6.15
12:40	8.18	0.00	15.12	0.07	23,309	1.21	-199.8	0.8	0.45	0.00	1.30	15.4	18,610	360	6.12
12:43	8.18	0.00	15.08	0.3	23,112	0.9	-200.6	0.8	0.44	2.3	0.65	< 1 NTU	19,690	360	6.12
13:17	Water level after sampling														5.80

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/10/1999
WEATHER: Cloudy, Windy, Mid 40's
MONITORING WELL NO.: MWCD-99-01B

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:46	Started pump														7.04
7:57	6.95	NA	8.31	NA	3,872	NA	-55.6	NA	4.17	NA	3.6	NA	2,640	240	6.95
8:01	6.73	0.22	10.82	23.2	8,458	54.2	-123.9	68.3	1.17	256.4	6.99	48.5	3,840	300	6.95
8:05	6.76	0.03	11.61	6.80	9,452	10.52	-138.3	14.4	0.77	51.95	5.4	29.9	5,040	300	6.94
8:10	6.78	0.02	11.82	1.8	9,539	0.9	-145.3	7.0	0.49	57.1	3.46	55.5	6,540	300	6.93
8:15	6.79	0.01	11.95	1.09	9,564	0.26	-149	3.7	0.44	11.36	--	--	8,040	300	6.85
8:25	6.79	0.00	11.81	1.2	9,599	0.4	-152.1	3.1	0.39	12.8	--	--	11,440	340	6.80
8:30	6.79	0.00	11.93	1.01	9,598	0.01	-153	0.9	0.35	11.43	--	--	13,040	320	6.75
8:37	6.79	0.00	12.06	1.1	9,615	0.2	-153.7	0.7	0.33	6.1	--	--	15,280	320	6.66
8:42	6.79	0.00	12.60	4.29	9,624	0.09	-153.6	0.1	0.32	3.13	--	--	16,880	320	6.61
8:50	6.80	0.01	12.09	4.2	9,623	0.0	-154.4	0.8	0.31	3.2	1.37	--	19,440	320	6.48
8:55	6.80	0.00	12.10	0.08	9,631	0.08	-155.3	0.9	0.29	6.90	1.0	< 1 NTU	21,040	320	6.40
8:58	6.80	0.00	12.08	0.2	9,632	0.0	-155.6	0.3	0.29	0.0	0.59	< 1 NTU	22,000	320	6.35
9:35	Water level after sampling														5.87

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Between time period 8:15 and 8:42 hrs turbidity meter had no power.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/11/1999
WEATHER: Cloudy, Windy, High 40's
MONITORING WELL NO.: MWCD-99-02A

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:50	Water level measurement														6.18
11:57	Started pump														6.45
12:00	8.80	NA	16.36	NA	24,863	NA	35.3	NA	5.04	NA	6.72	NA	960	320	NR
12:05	8.72	0.08	16.57	1.27	25,316	1.79	45.4	10.1	2.87	75.61	2.95	127.8	2,560	320	NR
12:10	8.72	0.00	16.57	0.0	25,385	0.3	50.4	5.0	2.67	7.5	2.62	12.6	4,160	320	NR
12:15	8.71	0.01	16.60	0.18	25,420	0.14	54.0	3.6	2.57	3.89	0.42	< 1 NTU	5,760	320	NR
12:20	8.71	0.00	16.46	0.9	25,592	0.7	55.3	1.3	2.04	26.0	0.24	< 1 NTU	7,360	320	NR
12:25	8.71	0.00	16.46	0.00	25,691	0.39	57.0	1.7	1.93	5.70	0.24	< 1 NTU	8,960	320	NR
12:27	Washed out Flow-Thru Cell												NA	NA	NR
12:30	8.69	0.02	16.55	0.54	25,485	0.81	78.3	21.3	2.11	8.53	0.23	< 1 NTU	9,920	320	NR
12:35	8.71	0.02	16.46	0.5	25,687	0.8	70.7	7.6	1.90	11.1	0.20	< 1 NTU	11,520	320	NR
12:38	8.71	0.00	16.50	0.24	25,720	0.13	67.0	3.7	1.94	2.06	0.24	< 1 NTU	12,480	320	NR
12:41	8.71	0.00	16.54	0.2	25,700	0.1	65.2	1.8	1.88	3.2	0.24	< 1 NTU	13,440	320	NR
13:15	Water level after sampling														6.30

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) NR - Not Recorded; water elevation could not be obtained because tide was lower than the top of pump (6.45 ft)

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/11/1999
WEATHER: Cloudy, Windy
MONITORING WELL NO.: MWCD-99-02B

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:20	Started pump														6.91
10:23	7.71	NA	11.83	NA	1256	NA	109.7	NA	7.23	NA	28.5	NA	1050	350	6.71
10:30	7.54	0.17	13.02	9.14	7432	83.10	-228.0	337.7	0.57	1168.4	7.72	269.2	3,500	350	6.56
10:35	7.48	0.06	12.97	0.39	7743	4.02	-222.3	5.7	0.44	29.5	2.9	167.1	5250	350	6.47
10:40	7.43	0.05	12.90	0.54	7852	1.39	-214.6	7.7	0.39	12.8	1.18	144.9	7,000	350	6.37
10:45	7.38	0.05	12.77	1.02	7915	0.80	-207.8	6.8	0.36	8.3	1.9	37.9	8750	350	6.25
10:50	7.36	0.02	12.83	0.47	7889	0.33	-204.1	3.7	0.33	9.1	2.01	5.5	10,500	350	6.18
10:55	7.35	0.01	12.70	1.02	7932	0.54	-202.4	1.7	0.30	10.0	1.9	5.2	12250	350	6.12
11:00	7.33	0.02	12.82	0.94	7898	0.43	-199.7	2.7	0.30	0.0	0.87	< 1 NTU	14,000	350	6.06
11:03	7.363	0.03	13.15	2.51	7909	0.14	-199.3	0.4	0.31	3.2	0.9	< 1 NTU	15050	350	6.00
11:06	7.32	0.04	12.83	2.49	7913	0.05	-197.1	2.2	0.30	3.3	0.54	< 1 NTU	16,100	350	5.91

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/15/1999
WEATHER: Sunny, 40's, windy
MONITORING WELL NO.: PZ-1D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
13:12	7.07	NA	14.79	NA	4,549	NA	-353.4	NA	1.56	NA	9.4	NA	400	170	5.38
13:17	7.07	0.00	14.30	3.43	5,245	13.27	-357.3	3.9	0.84	85.71	8.6	9.30	1,250	180	5.37
13:22	7.07	0.00	14.71	2.79	5,503	4.69	-360.9	3.6	0.48	75.00	9.1	5.49	2,150	170	5.37
13:27	7.06	0.01	15.37	4.29	5,677	3.06	-362.4	1.5	0.28	71.43	14.0	35.00	3,000	260	5.37
13:33	7.06	0.00	15.76	2.47	5,782	1.82	-364.6	2.2	0.18	55.56	30.0	53.33	4,300	350	5.35
13:38	7.07	0.01	15.85	0.57	5,791	0.16	-365.0	0.4	0.15	20.00	29.0	3.45	6,050	350	5.29
13:43	7.07	0.00	15.89	0.25	5,783	0.14	-365.3	0.3	0.15	0.00	25.0	16.00	7,800	350	5.29
13:48	7.07	0.00	15.81	0.51	5,789	0.10	-366.0	0.7	0.15	0.00	27.0	7.41	9,550	350	5.27
13:53	7.07	0.00	15.86	0.32	5,790	0.02	-366.5	0.5	0.11	36.36	30.0	10.00	11,300	350	5.26
13:58	7.07	0.00	15.92	0.38	5,722	1.17	-367.0	0.5	0.10	10.00	26.0	15.38	13,050	350	5.28
14:03	7.07	0.00	16.05	0.81	5,784	1.07	-367.6	0.6	0.10	0.00	22.0	18.18	14,800	350	5.25
14:08	7.07	0.00	15.92	0.82	5,787	1.12	-368.2	0.6	0.08	25.00	23.0	4.35	16,500	350	5.18
14:13	7.07	0.00	15.99	0.44	5,781	0.10	-368.4	0.2	0.07	14.29	23.0	0.00	18,300	350	5.18
14:18	7.07	0.00	15.98	0.06	5,784	0.05	-368.1	0.3	0.07	0.00	23.0	0.00	20,050	350	5.14
14:23	7.07	0.00	16.05	0.44	5,776	0.14	-368.9	0.8	0.07	0.00	21.0	9.52	21,800	350	5.14
14:28	7.07	0.00	15.92	0.82	5,779	0.09	-368.0	0.9	0.07	0.00	21.0	0.00	23,550	350	5.14

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/10/1999
WEATHER: Partly Cloudy, Windy
MONITORING WELL NO.: PZ-4D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
12:20	6.51	NA	18.33	NA	48	NA	118.2	NA	5.31	NA	115	NA	--	100	2.65
Continued purging. YSI unit malfunctioned and was replaced															
13:20	6.70	NA	17.24	NA	4759	NA	-133.4	NA	1.28	NA	1922	NA	12,000	200	2.75
13:25	6.66	0.04	17.15	0.52	4970	4.25	-158.3	24.9	0.56	128.57	2058	6.6	12,750	150	2.75
13:30	6.66	0.00	17.18	0.17	4955	0.30	-175.4	17.1	0.44	27.3	2372	13.2	13,500	150	2.75
13:35	6.65	0.01	17.17	0.06	4949	0.12	-187.2	11.8	0.38	15.79	1720	37.9	14,250	150	2.75
13:40	6.65	0.00	17.17	0.00	4947	0.04	-190.3	3.1	0.33	15.2	1568	9.7	15,000	150	2.75
13:45	6.65	0.00	17.17	0.00	4948	0.02	-192.5	2.2	0.3	10.00	1568	0.0	15,750	150	2.75
13:50	6.64	0.01	17.22	0.29	4947	0.02	-194.2	1.7	0.33	9.1	1612	2.7	16,500	150	2.75

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Between time intervals 12:20 and 13:20 hrs. YSI malfunctioned and new one was obtained.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/11/1999
WEATHER: Clear 50's, Moderate Wind
MONITORING WELL NO.: PZ-5D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: Amy Murphy, B. Cebula, P. Reynolds

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
13:05	6.27	NA	14.04	NA	1.369	NA	-117	NA	3.08	NA	8.29	NA	875	175	2.20
13:10	6.56	0.29	13.98	0.43	6.601	79.26	-130.7	13.7	1.19	158.82	40.60	79.6	1,925	210	3.04
13:15	6.61	0.05	14.08	0.71	6.610	0.1	-131.6	0.9	0.85	40.00	30.20	34.4	3,225	260	3.03
13:20	6.62	0.01	14.10	0.14	6.800	2.79	-134.2	2.6	0.68	25.00	Low Bat.	NA	4,675	290	2.57
13:25	6.82	0.26	14.18	0.56	6.822	0.3	-132.6	1.6	0.42	61.90	16.00	NA	6,125	290	2.39
13:30	6.82	0.00	14.19	0.07	6.824	0.03	-132.4	0.2	0.4	5.00	11.50	39.1	7,575	290	2.41
13:35	6.57	0.25	14.11	0.57	6.810	0.2	-135.4	3.0	0.34	17.65	9.26	24.2	9,025	290	2.49
13:40	6.56	0.01	13.99	1.43	6.800	0.35	-131.7	0.7	0.25	60.00	10.24	9.6	10,525	300	2.52
13:45	6.55	0.00	14.00	0.07	6.790	0.1	-130.6	1.1	0.23	8.70	9.87	3.7	12,025	300	2.51
13:50	6.55	0.00	14.06	0.43	6.790	0.00	-125.5	5.1	0.21	9.52	9.45	4.4	13,525	300	2.51
13:55	6.54	0.01	13.98	0.57	6.744	0.7	-125.3	0.2	0.15	40.00	9.21	2.6	15,025	300	2.53
14:00	6.54	0.00	14.1	0.85	6.737	0.79	-129	3.7	0.15	0.00	9.30	1.0	16,525	300	2.56
14:05	6.54	0.00	13.94	1.15	6.793	0.8	-128.1	0.9	0.11	36.36	6.22	49.5	18,025	300	2.69
14:10	6.54	0.00	13.11	6.33	6.829	1.35	-127.6	0.5	0.11	0.00	1.60	288.8	19,525	300	2.55
15:00	6.73	0.00	13.67	4.10	6.744	1.3	-127	0.6	0.16	31.25	21.80	92.7	34,525	300	2.99
15:05	6.73	0.04	13.87	1.44	6.719	0.37	-128.2	1.2	0.11	45.45	15.40	41.6	36,025	300	3.00
15:10	6.73	0.02	13.83	0.29	6.890	2.1	-129.8	1.6	0.11	0.00	11.80	30.5	37,525	300	3.08
15:15	6.73	0.01	13.73	0.73	6.911	0.30	-131	1.2	0.09	22.22	7.03	67.9	39,025	300	3.15
15:20	6.73	0.00	13.63	0.73	6.929	0.6	-131.3	0.3	0.09	0.00	5.16	36.2	40,525	300	3.13
15:25	6.73	0.00	13.58	0.37	6.929	0.00	-131.8	0.5	0.09	0.00	4.19	23.2	42,025	300	3.19
15:30	6.54	0.19	13.54	0.30	6.916	0.2	-133.9	2.1	0.08	12.50	3.96	5.8	43,425	280	3.19
15:35	6.54	0.00	13.5	0.30	6.914	0.03	-133	0.9	0.08	0.00	3.79	4.5	44825	280	3.21
15:40	6.53	0.01	13.60	0.74	6.930	0.2	-134.5	1.5	0.08	0.00	6.51	41.8	46,225	280	3.25
15:45	6.54	0.01	13.48	0.89	6.923	0.10	-133	1.5	0.08	0.00	3.38	92.6	47625	280	3.27

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Between time period 1410 and 1500 hrs, no readings were taken because Nitrogen cylinder was being replaced.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/16/1999
WEATHER: Clear, Windy, Mid 40's °F
MONITORING WELL NO.: PZ-8D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:09	Started pump														4.70
11:15	7.40	NA	14.51	NA	198	NA	265.9	NA	1.38	NA	13.0	NA	2,400	400	5.20
11:20	7.15	-0.25	15.83	8.3	196	1.02	253.3	12.6	0.91	51.6	13.0	0.0	4,400	400	5.20
11:25	7.15	0	15.63	1.28	220	10.91	169.1	84.2	0.67	35.82	13.0	0.00	6,400	400	5.21
11:30	7.14	-0.01	15.68	0.3	239	7.95	101.2	67.9	0.61	9.8	13.0	0.0	8,400	400	5.20
11:35	7.11	-0.03	15.67	0.06	274	12.77	36.2	65	0.58	5.17	12.0	8.33	10,400	400	5.2
11:40	7.11	0.00	15.67	0.0	274	0.00	30.2	6.0	0.60	3.3	13.0	7.7	11,600	240	5.00
11:45	7.05	-0.06	14.34	9.27	344	20.35	17.7	12.5	0.80	25.00	10.0	NA	12,800	240	4.99
11:50	7.05	0.00	14.56	1.5	340	1.18	18.9	1.2	0.74	8.1	9.6	NA	14,000	240	4.99
11:53	7.04	-0.01	14.53	0.21	352	3.41	17.7	1.2	0.80	7.50	9.2	4.35	14,720	240	4.99
11:57	7.03	-0.01	14.86	2.2	370	4.86	17.2	0.5	0.82	2.4	7.7	19.5	15,680	240	4.99
12:01	7.02	-0.01	14.37	3.41	385	3.90	17.8	0.6	0.86	4.65	7.4	4.05	16,640	240	4.99
12:05	7.00	-0.02	14.62	1.7	401	3.99	15.2	2.6	1.55	44.5	6.9	7.2	17,600	240	4.99
12:10	6.99	-0.01	14.31	2.17	429	6.53	15.8	0.6	1.53	1.31	5.4	27.78	18,800	240	4.99
12:15	6.95	-0.04	14.13	1.3	460	6.74	18.1	2.3	1.67	8.4	4.5	20.0	20,000	240	4.99
12:20	6.93	-0.02	14.17	0.28	485	5.15	19.6	1.5	1.78	6.18	3.6	25.00	21,200	240	4.98
12:25	6.91	-0.02	14.06	0.8	504	3.77	21.6	2.0	1.92	7.3	2.3	56.5	22,400	240	4.98
12:30	6.96	0.05	14.72	4.48	524	3.82	21.9	0.3	3.30	41.82	2.1	9.52	23,600	240	4.98
12:35	6.88	-0.08	14.84	0.8	545	3.85	22.6	0.7	3.70	10.8	1.9	10.5	24,800	240	4.98
12:40	6.87	-0.01	14.74	0.68	565	3.54	23.2	0.6	5.01	26.15	1.1	72.73	26,000	240	4.98
12:45	6.87	0.00	14.74	0.0	576	1.91	26.0	2.8	5.65	11.3	1	10.0	27,200	240	4.98
12:50	6.86	-0.01	14.93	1.27	595	3.19	25.4	0.6	6.85	17.52	0.45	< 1 NTU	28,400	240	4.98
12:55	6.84	-0.02	14.49	3.0	623	4.49	26.4	1.0	8.60	20.3	0.45	< 1 NTU	29,600	240	4.98
13:00	6.83	-0.01	14.32	1.19	624	0.16	27.7	1.3	8.10	6.17	0.3	< 1 NTU	30,800	240	4.98
Switched to a different field meter; stopped purging for about 45 minutes															
13:50	10.98	4.15	12.08	18.54	0.643	96945.10	-347.3	375	0.96	743.75	0.2	< 1 NTU	32,150	270	4.95
13:55	10.79	-0.19	13.57	11.0	0.665	3.31	-345.5	1.8	0.45	113.3	0.2	< 1 NTU	33,500	270	4.95
14:00	10.98	0.19	13.93	2.58	0.663	0.30	-351	5.5	0.36	25.00	0.2	< 1 NTU	34,850	270	4.95
14:05	10.91	-0.07	14.35	2.9	0.67	1.04	-349.0	2.0	0.31	16.1	0.0	< 1 NTU	36,200	270	4.95
14:10	11.07	0.16	14.25	0.70	0.677	1.03	-350	1	0.31	0.00	0.0	< 1 NTU	37,550	270	4.95
14:15	10.99	-0.08	14.05	1.4	0.689	1.74	-351.7	1.7	0.27	14.8	0.0	< 1 NTU	38,900	270	4.95
14:18	10.99	0	14.03	0.14	0.692	0.43	-352.9	1.2	0.26	3.85	0.0	< 1 NTU	39,710	270	4.95
14:21	11.07	0.08	14.12	0.6	0.693	0.14	-353.4	0.5	0.26	0.0	0	< 1 NTU	40,520	270	4.95

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"
6) Pump Screen set at 28.5 feet below top of riser.
7) Between time period 1300hrs and 1350hrs, YSI was changed because it was malfunctioning.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/08/1999
WEATHER: Overcast, cold, windy; 55 °F
MONITORING WELL NO.: PZ-9D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL:

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
12:33	Started pump														6.98
12:40	7.63	NA	15.24	NA	3,420	NA	43.6	NA	4.35	NA	NR	NA	2,450	350	6.98
12:45	7.50	0.13	17.04	10.6	4,279	20.1	44.6	1.0	1.41	208.5	NR	NA	4,200	350	6.98
12:50	7.44	0.06	17.02	0.1	4,215	1.5	51.8	7.2	1.11	27.0	NR	NA	5,950	350	6.98
12:55	7.42	0.02	16.92	0.6	4,183	0.8	55.4	3.6	1.12	0.9	NR	NA	7,700	350	6.98
13:00	7.39	0.03	17.35	2.5	4,150	0.8	57.9	2.5	0.86	30.2	NR	NA	9,450	350	7.02
13:05	7.36	0.03	17.39	0.2	4,105	1.1	61.5	3.6	0.88	2.3	5.53	NA	11,200	350	6.98
13:10	7.36	0.00	17.39	0.0	4,070	0.9	63.5	2.0	0.87	1.1	4.93	12.2	12,950	350	6.98
13:15	7.35	0.01	17.39	0.0	4,040	0.7	63.8	0.3	0.80	8.7	4.23	16.5	14,700	350	6.80
13:20	7.33	0.02	16.76	3.8	3,960	2.0	66.7	2.9	0.62	29.0	3.53	19.8	15,825	225	6.80
13:25	7.32	0.01	16.57	1.1	3,940	0.5	67.2	0.5	0.59	5.1	3.00	17.7	16,950	225	6.30
13:30	7.31	0.01	16.37	1.2	3,935	0.1	68.4	1.2	0.58	1.7	2.98	0.7	18,075	225	6.20
13:35	7.30	0.01	16.01	2.2	3,927	0.2	69.2	0.8	0.54	7.4	2.72	9.6	19,200	225	6.20

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are with the EPA specifications, the monitoring well is stabilized and ready for sampling.
3) Started pumping @ 12:33
4) NA - Not available
5) NR - Not Recorded

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/12/1999
WEATHER: Cold, 40's °F
MONITORING WELL NO.: PZ-11D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: P. Reynolds and B. Cebula

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:15	7.24	NA	13.06	NA	1.228	NA	-318.6	NA	2.59	NA	21.4	NA	2,250	250	4.73
8:20	7.27	0.03	14.92	12.47	1.290	4.81	-319.7	1.1	1.63	58.90	20.6	3.9	3,625	275	4.78
8:25	7.29	0.05	15.36	2.9	1.307	1.3	-319.5	0.2	1.23	32.5	17.1	20.5	5,250	325	4.89
8:30	7.31	0.01	15.36	0.00	1.322	1.13	-318.4	1.1	1.00	23.00	17.7	3.4	6,875	325	4.90
8:35	7.33	0.26	15.30	0.4	1.328	0.5	-318.6	0.2	0.88	13.6	16.0	10.6	8,500	325	4.90
8:40	7.40	0.00	15.27	0.20	1.345	1.26	-317.9	0.7	0.57	54.39	18.2	12.1	10,250	350	4.90
8:50	7.44	0.25	15.42	1.0	1.362	1.2	-318.1	0.2	0.54	5.6	26.0	30.0	13,750	350	4.89
8:55	7.53	0.01	15.33	0.59	1.390	2.01	-317.0	1.1	0.40	35.00	27.4	5.1	15,500	350	4.89
9:00	7.59	0.00	15.28	0.3	1.428	2.7	-316.5	0.5	0.33	21.2	28.4	3.5	17,150	330	4.89
9:05	7.61	0.00	15.33	0.33	1.445	1.18	-315.0	1.5	0.32	3.13	34.6	17.9	18,800	330	4.89
9:10	7.62	0.01	15.28	0.3	1.447	0.1	-312.9	2.1	0.26	23.1	35.0	1.1	20,450	330	4.89
9:15	7.62	0.00	15.21	0.46	1.498	3.54	-312.1	0.8	0.24	8.33	35.0	0.0	22,100	330	4.89
9:20	7.64	0.00	15.24	0.2	1.507	0.6	-311.0	1.1	0.24	0.0	34.0	2.9	23,750	330	4.91
9:25	7.64	0.00	15.23	0.07	1.512	0.93	-310.3	0.7	0.23	4.35	34.0	0.0	25,400	330	4.89
9:30	7.64	0.00	15.17	0.4	1.520	0.5	-308.2	2.1	0.22	4.5	34.0	0.0	27,050	330	4.89

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/16/1999
WEATHER: Clear, Windy, Mid 40's
MONITORING WELL NO.: PZ-13D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
9:48	Started pump														4.59
10:00	6.29	NA	1.87	NA	359.0	NA	360.8	NA	6.60	NA	1.2	NA	3240	270	4.59
10:05	6.49	0.20	12.30	84.8	351.1	2.3	350.4	10.4	4.99	32.3	0.9	< 1 NTU	4,840	320	4.59
10:10	6.49	0.00	13.75	10.55	1143.0	69.28	340.6	9.8	5.98	16.56	0.8	< 1 NTU	6440	320	4.60
10:15	6.49	0.00	14.59	5.8	1147.0	0.3	333.1	7.5	6.55	8.7	0.7	< 1 NTU	8,040	320	4.59
10:19	6.49	0.00	14.58	0.07	1147.0	0.00	328.5	4.6	6.83	4.10	0.4	< 1 NTU	9320	320	4.59
10:22	6.49	0.00	14.85	1.8	1147.0	0.0	325.6	2.9	6.93	1.4	0.3	< 1 NTU	10,280	320	4.59
10:45	Water level after sampling														4.59

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Pump set at 45' below top of riser.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/11/1999
WEATHER: Cloudy, Windy, 45-50's F
MONITORING WELL NO.: PZ-16D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: Amy Murphy, B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:57	6.75	NA	17.55	NA	0.419	NA	177.2	NA	1.87	NA	22.00	NA	780	390	4.09
11:03	6.69	0.06	17.57	0.1	0.456	8.1	-53.9	231.1	0.81	130.9	17.00	29.4	3,180	400	4.09
11:08	6.68	0.01	17.76	1.1	0.460	0.9	-56	2.1	0.73	11.0	7.60	123.7	5,180	400	4.07
11:13	6.68	0.00	17.63	0.7	0.462	0.4	-43.3	12.7	0.64	14.1	5.79	31.3	7,180	400	4.09
11:18	6.69	0.01	17.84	1.2	0.459	0.7	-73.2	29.9	0.60	6.7	3.96	46.2	9,180	400	4.08
11:23	6.69	0.00	18.02	1.0	0.455	0.9	-73.1	0.1	0.6	0.0	4.14	4.3	11,105	385	4.08
11:28	6.69	0.00	18.06	0.2	0.453	0.4	-107.2	34.1	0.60	0.0	2.35	76.2	13,055	390	4.08
11:33	6.70	0.01	17.95	0.4	0.452	0.7	-113.2	40.1	0.64	6.3	2.53	7.1	15,030	395	4.07
11:38	6.70	0.00	18.03	0.4	0.450	0.4	-106	7.2	0.56	14.3	2.53	0.0	17,005	395	4.08
11:43	6.69	0.01	18.05	0.1	0.450	0.0	-99.9	6.1	0.58	3.4	2.10	20.5	18,980	395	4.07
11:48	6.71	0.02	18.10	0.3	0.450	0.0	-73.3	26.6	0.52	11.5	1.94	8.2	20,955	395	4.08
11:53	6.73	0.02	17.94	0.9	0.458	1.7	-112	38.7	0.47	10.6	1.97	1.5	22,930	395	4.07
11:58	6.72	0.01	18.06	0.7	0.451	1.6	-112.6	0.6	0.48	2.1	1.57	25.5	24,905	395	4.08
12:03	6.73	0.01	18.01	0.3	0.452	1.3	-112.9	0.3	0.44	9.1	1.60	1.9	26,880	395	4.08
12:08	6.73	0.00	18.01	0.0	0.452	0.0	-109.3	3.6	0.42	4.8	1.43	11.9	28,855	395	4.08

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/09/1999
WEATHER: Cold, Cloudy, 55 deg F
MONITORING WELL NO.: PZ-17D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:50	5.63	NA	10.23	NA	11,610	NA	202.7	NA	4.74	NA	19	NA	NA	275	3.91
7:55	6.32	0.69	14.13	27.6	15,234	23.8	181	21.7	1.4	238.6	22.4	15.2	1,375	275	3.9
8:00	6.60	0.28	14.50	2.6	15,350	0.8	164.0	17.0	0.82	70.7	21.9	2.3	2,750	275	3.92
8:05	6.74	0.14	14.7	1.4	15,374	0.2	153	11.0	0.87	5.7	10.35	111.6	4,125	275	3.92
8:10	6.80	0.06	14.64	0.4	15,370	0.0	147.8	5.2	0.87	0.0	10.97	5.7	5,500	275	3.92
8:15	6.82	0.02	14.79	1.0	15,364	0.0	145.3	2.5	0.85	2.4	9.71	13.0	6,875	265	3.9
8:20	6.84	0.02	14.75	0.3	15,360	0.0	142.1	3.2	0.81	4.9	7.9	22.9	8,200	265	3.90
8:25	6.86	0.02	14.84	0.6	15,374	0.1	140.5	1.6	0.84	3.6	NR	NA	9,525	265	3.92
8:30	6.86	0.00	14.76	0.5	15,374	0.0	138.6	1.9	0.77	9.1	4.26	NA	10,850	265	3.92
8:35	6.88	0.02	14.81	0.3	15,360	0.1	136	2.6	0.91	15.4	3.26	30.7	12,175	265	3.92
8:40	6.88	0.00	14.91	0.7	15,358	0.0	134.3	1.7	0.85	7.1	2.44	33.6	13,500	265	3.92
8:45	6.88	0.00	15.00	0.6	15,365	0.0	133	1.3	0.84	1.2	2.82	13.5	14,825	265	3.89
8:50	6.90	0.02	14.92	0.5	15,362	0.0	131.3	1.7	0.84	0.0	2.17	30.0	16,150	265	3.89
8:55	6.9	0.00	15.05	0.9	15,352	0.1	130.5	0.8	0.83	1.2	1.68	29.2	17,475	265	3.87
9:00	6.90	0.00	15.21	1.1	15,354	0.0	129.0	1.5	0.83	0.0	1.26	33.3	18,800	265	3.87
9:05	6.91	0.01	15.23	0.1	15,350	0.0	127.9	1.1	0.85	2.4	1.17	7.7	20,125	265	3.86
9:10	6.91	0.00	15.28	0.3	15,347	0.0	127.5	0.4	0.85	0.0	1.27	7.9	21,450	265	3.86
9:15	6.91	0.00	15.15	0.9	15,353	0.0	126.7	0.8	0.83	2.4	1.28	0.8	22,775	265	3.86

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/15/1999
WEATHER: Cold, Windy, 40's °F
MONITORING WELL NO.: WC-1S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:56	7.05	NA	15.90	NA	0.300	NA	-341.0	NA	0.65	NA	10.0	NA	NA	275	NR
12:01	6.99	0.06	16.29	2.39	0.365	17.81	-341.3	0.3	0.39	66.67	2.7	270.4	1,400	280	NR
12:06	6.99	0.00	16.38	0.5	0.376	2.9	-343.6	2.3	0.36	8.3	1.1	145.5	2,800	280	NR
12:11	6.99	0.00	16.40	0.12	0.370	1.62	-343.1	0.5	0.34	5.88	0.2	< 1 NTU	4,175	275	NR
12:16	6.99	0.00	16.33	0.4	0.384	3.6	-342.0	1.1	0.34	0.0	0.2	< 1 NTU	5,550	275	NR
12:21	7.00	0.01	16.37	0.24	0.382	0.52	-340.7	1.3	0.36	5.56	0.0	< 1 NTU	6,925	275	NR

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) NR - Nor Recorded; the pump apparatus blocked water level measurements

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/09/1999
WEATHER: Mostly cloudy, 55 deg F
MONITORING WELL NO.: WC-2D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:35	6.43	NA	16.22	NA	3,747	NA	-77.7	NA	3.51	NA	8.09	NA	NA	425	8.37
11:40	6.44	0.01	16.39	1.0	4,754	21.2	-110	32.3	1.25	180.8	4.48	80.6	2,125	425	8.37
11:45	6.42	0.02	16.35	0.2	4,737	0.4	-121.7	11.7	1.26	0.8	2.64	69.7	4,250	425	8.37
11:50	6.40	0.02	16.28	0.4	4,783	1.0	-131.5	9.8	1.75	28.0	1.41	87.2	6,375	425	8.37
11:55	6.39	0.01	16.26	0.1	4,790	0.1	-138.2	6.7	2.16	19.0	1.22	15.6	8,500	425	8.37
12:00	6.38	0.01	16.33	0.4	4,790	0.0	-142.6	4.4	2.06	4.9	0.64	< 1 NTU	10,625	425	8.37
12:05	6.37	0.01	16.29	0.2	4,775	0.3	-146.0	3.4	2.15	4.2	0.56	< 1 NTU	12,750	425	8.37
12:10	6.36	0.01	16.28	0.1	4,765	0.2	-149.2	3.2	2.18	1.4	0.37	< 1 NTU	14,875	425	8.37

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/11/1999
WEATHER: Clear, Windy, 50's °F.
MONITORING WELL NO.: WC-3S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
15:50	Started pump														2.76
15:55	7.97	NA	15.45	NA	19,784	NA	-214.9	NA	1.74	NA	0.6	NA	2,150	430	2.83
16:00	7.98	0.01	15.39	0.4	20,124	1.7	-283.0	68.1	0.39	346.2	0.00	< 1 NTU	4,300	430	2.83
16:05	7.99	0.01	15.44	0.3	20,198	0.4	-300.8	17.8	0.32	21.9	0.35	< 1 NTU	6,450	430	2.93
16:10	7.99	0.00	15.49	0.3	20,252	0.3	-315.8	15.0	0.29	10.3	0.00	< 1 NTU	8,600	430	3.00
16:15	8.00	0.01	15.51	0.1	20,273	0.1	-331.8	16.0	0.27	7.4	0.00	< 1 NTU	10,750	430	3.06
16:22	8.00	0.00	15.58	0.4	20,287	0.1	-347.3	15.5	0.27	0.0	0.00	< 1 NTU	13,760	430	3.20
16:25	8.00	0.00	15.60	0.1	20,298	0.1	-350.3	3.0	0.26	3.8	0.00	< 1 NTU	15,050	430	3.27
16:28	8.01	0.01	15.54	0.4	20,304	0.0	-355.2	4.9	0.25	4.0	0.00	< 1 NTU	16,340	430	3.30
17:00	Water level after sampling														3.45

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/16/1999
WEATHER: Sunny, Clear, 40's
MONITORING WELL NO.: WC-4S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:48	6.65	NA	10.25	NA	0.355	NA	-376.6	NA	2.06	NA	45.0	NA	NA	350	3.30
7:53	6.76	0.11	11.95	14.2	0.349	1.7	-374.5	2.1	0.60	243.3	15.0	200.0	1,950	390	3.45
7:58	6.78	0.02	11.40	4.8	0.341	2.3	-372.0	2.5	0.42	42.9	5.8	158.6	3,825	375	3.30
8:03	6.79	0.01	11.38	0.2	0.340	0.3	-366.6	5.4	0.38	10.5	3.3	75.8	5,700	375	3.34
8:08	6.79	0.00	10.94	4.0	0.339	0.3	-366.1	0.5	0.34	11.8	2.7	22.2	7,575	375	3.35
8:13	6.79	0.00	10.84	0.9	0.340	0.3	-365.2	0.9	0.32	6.3	2.1	28.6	9,450	375	3.37
8:16	6.79	0.00	11.25	3.6	0.338	0.6	-364.7	0.5	0.31	3.2	1.3	61.5	10,575	375	3.40
8:21	6.79	0.00	11.23	0.2	0.339	0.3	-363.9	0.8	0.29	6.9	1.6	18.8	12,450	375	3.38
8:25	6.79	0.00	11.25	0.2	0.340	0.3	-363.5	0.4	0.30	3.3	1.4	14.3	13,950	375	3.45
8:30	6.79	0.00	11.58	2.8	0.338	0.6	-362.0	1.5	0.29	3.4	1.1	27.3	15,825	375	3.38
8:33	6.79	0.00	11.60	0.2	0.339	0.3	-363.1	1.1	0.28	3.6	1.1	0.0	16,950	375	3.44
8:36	6.79	0.00	11.30	2.7	0.339	0.0	-361.5	1.6	0.28	0.0	1.1	0.0	18,075	375	3.48
8:40	6.79	0.00	11.10	1.8	0.339	0.0	-361.9	0.4	0.27	3.7	1.1	0.0	19,575	375	3.44

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/16/1999
WEATHER: Sunny, High Winds, 40's °F
MONITORING WELL NO.: WC-5S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:20	6.54	NA	15.18	NA	0.783	NA	-348.2	NA	1.56	NA	6.80	NA	NA	300	4.10
11:25	6.54	0.00	15.37	1.2	0.809	3.2	-349.3	1.1	0.88	77.3	2.80	142.9	1,500	300	4.00
11:30	6.54	0.00	15.60	1.5	0.822	1.6	-350.3	1.0	0.74	18.9	1.30	115.4	3,250	350	4.05
11:35	6.53	0.01	15.68	0.5	0.825	0.4	-350.6	0.3	0.81	8.6	0.65	< 1 NTU	5,000	350	4.01
11:40	6.52	0.01	15.73	0.3	0.827	0.2	-350.2	0.4	0.70	15.7	0.00	< 1 NTU	6,750	350	4.00
11:45	6.52	0.00	15.64	0.6	0.835	1.0	-351.1	0.9	0.41	70.7	0.20	< 1 NTU	8,500	350	4.00
11:50	6.53	0.01	15.74	0.6	0.832	0.4	-350.9	0.2	0.38	7.9	0.65	< 1 NTU	10,250	350	4.00
11:55	6.53	0.00	15.78	0.3	0.835	0.4	-349.5	1.4	0.55	30.9	0.20	< 1 NTU	12,000	350	4.00
12:00	6.54	0.01	15.79	0.1	0.834	0.1	-350.4	0.9	0.38	44.7	0.35	< 1 NTU	13,750	350	4.01
12:05	6.53	0.01	16.08	1.8	0.833	0.1	-349.7	0.7	0.30	26.7	0.05	< 1 NTU	15,500	350	4.01
12:10	6.55	0.02	16.20	0.7	0.833	0.0	-351.2	1.5	0.29	3.4	0.05	< 1 NTU	17,250	350	4.01
12:15	6.53	0.02	16.09	0.7	0.834	0.1	-350.9	0.3	0.27	7.4	0.15	< 1 NTU	19,000	350	4.01
12:20	6.55	0.02	16.12	0.2	0.832	0.2	-351.0	0.1	0.25	8.0	0.15	< 1 NTU	20,750	350	4.01

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/08/1999
WEATHER: Overcast, cold, breezy, 50 deg F
MONITORING WELL NO.: WC-9D2

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:20	7.06	NA	16.12	NA	170	NA	121.5	NA	3.29	NA	NA	NA	NA	450	4.58
11:25	6.46	0.60	16.20	0.5	19,549	99.1	-45.11	166.61	1.17	181.2	NA	NA	2250	450	4.66
11:30	7.02	0.56	16.12	0.5	24,686	20.8	-131.5	86.4	1.00	17.0	NA	NA	4500	450	4.66
11:35	7.07	0.05	16.05	0.4	24,699	0.1	-129.8	1.7	1.10	9.1	NA	NA	6750	450	4.66
11:40	7.11	0.04	15.93	0.8	24,692	0.0	-135.0	5.2	1.06	3.8	NA	NA	9000	450	4.66
11:45	7.15	0.04	15.94	0.1	24,683	0.0	-137.0	2.0	1.03	2.9	NA	NA	11250	450	4.66

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/08/1999
WEATHER: Overcast, cold, breezy, 50 deg F
MONITORING WELL NO.: WC-9S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
9:48	6.66	NA	18.3	NA	360	NA	146.3	NA	NR	NA	NA	NA	NA	450	NR
9:53	6.69	0.03	18.29	0.1	356	1.1	144.1	2.2	NR	NA	NA	NA	2250	450	NR
9:59	6.66	0.03	17.79	2.8	352	1.1	143.2	0.9	NR	NA	NA	NA	4950	250	NR
10:04	6.67	0.01	17.70	0.5	353	0.3	141.2	2	3.24	NA	NA	NA	6200	250	NR
10:09	6.68	0.01	17.78	0.4	353	0.0	140.3	0.9	3.19	1.6	NA	NA	7450	225	NR
10:14	6.68	0.00	17.59	1.1	352	0.3	140.2	0.1	3.1	2.9	NA	NA	8575	225	NR
10:19	6.67	0.01	17.53	0.3	352	0.0	140.6	0.4	3.11	0.3	NA	NA	9700	225	NR

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) NR - Not Recorded; Water elevation could not be measured because pump apparatus blocked the water table.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/16/1999
WEATHER: Sunny, Clear, 40's
MONITORING WELL NO.: WC-10S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
9:56	6.96	NA	15.45	NA	0.423	NA	-320.5	NA	1.71	NA	0.0	NA	NA	400	4.52
10:01	6.99	0.03	15.66	1.3	0.430	1.6	-315.5	5.0	0.62	175.8	0.1	< 1 NTU	2,000	400	4.52
10:05	6.99	0.00	15.90	1.5	0.426	0.9	-312.6	2.9	0.57	8.8	0.0	< 1 NTU	3,600	400	4.48
10:10	6.99	0.00	15.63	1.7	0.420	1.4	-314.1	1.5	0.53	7.5	0.0	< 1 NTU	5,600	400	4.52
10:15	6.97	0.02	16.12	3.0	0.417	0.7	-313.6	0.5	0.49	8.2	0.0	< 1 NTU	7,600	400	4.50
10:20	6.97	0.00	16.78	3.9	0.412	1.2	-307.3	6.3	0.45	8.9	0.0	< 1 NTU	9,600	400	4.52
10:24	6.98	0.01	16.77	0.1	0.411	0.2	-306.0	1.3	0.44	2.3	0.0	< 1 NTU	11,200	400	4.52
10:29	6.98	0.00	16.32	2.8	0.407	1.0	-310.3	4.3	0.41	7.3	0.0	< 1 NTU	13,200	400	4.52
10:34	6.98	0.00	16.20	0.7	0.407	0.0	-314.3	4.0	0.39	5.1	0.0	< 1 NTU	15,200	400	4.52

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/17/1999
WEATHER: Cold, Sunny, 40's ° F
WEATHER: WC-12S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

TIME	pH[6] (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:00	Started pumping														
8:03	12.03	NA	19.75	NA	0.542	NA	-181.6	NA	3.54	NA	2.00	NA	975	325	NR
8:08	11.95	0.08	19.93	0.9	0.579	6.4	-139.5	42.1	6.64	46.7	0.79	< 1 NTU	2,600	325	NR
8:13	11.92	0.03	19.70	1.2	0.604	4.1	-138.7	0.8	6.06	9.6	0.55	< 1 NTU	4,225	325	NR
8:18	11.91	0.01	19.82	0.6	0.612	1.3	-138.9	0.2	5.18	17.0	0.50	< 1 NTU	5,850	325	NR
8:22	11.88	0.03	19.86	0.2	0.615	0.5	-139.7	0.8	4.66	11.2	0.10	< 1 NTU	7,150	325	NR
8:26	11.93	0.05	19.86	0.0	0.617	0.3	-140.8	1.1	4.14	12.6	0.15	< 1 NTU	8,450	325	NR
8:30	11.88	0.05	19.87	0.1	0.619	0.3	-142.0	1.2	3.65	13.4	0.15	< 1 NTU	9,750	325	NR
8:34	11.86	0.02	19.92	0.3	0.623	0.6	-143.6	1.6	3.35	9.0	0.10	< 1 NTU	11,050	325	NR
8:38	11.86	0.00	19.83	0.5	0.628	0.8	-147.5	3.9	3.04	10.2	0.30	< 1 NTU	12,350	325	NR
8:42	11.86	0.00	20.03	1.0	0.629	0.2	-147.5	0.0	2.81	8.2	0.35	< 1 NTU	13,650	325	NR

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) NR - Not Recorded; the pump apparatus obstructed water level measurements.
6) YSI pH meter had been malfunctioning on 11/17/99. Ph is 7.0, according EMQUANT strips.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/16/1999
WEATHER: Clear, Low 40's °F
MONITORING WELL NO.: WC-13S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:30	Started Pump														
7:34	6.56	NA	13.76	NA	244	NA	287.0	NA	7.36	NA	230.0	NA	920	230	NR
7:37	6.52	-0.04	15.21	9.53	211	15.64	299.5	12.5	7.29	0.96	230.0	0.0	1,610	230	NR
7:40	6.52	0.00	15.33	0.78	200	5.50	304.5	5.0	7.36	0.95	230.0	0.00	2,300	230	NR
7:45	6.51	-0.01	15.53	1.29	194	3.09	310.3	5.8	7.48	1.60	156.0	47.4	3,450	230	NR
7:50	6.50	-0.01	15.34	1.24	191	1.57	316.2	5.9	7.58	1.32	140.0	11.43	4,600	230	NR
7:55	6.50	0.00	15.38	0.26	190	0.53	319.9	3.7	7.62	0.52	50.0	180.0	5,750	230	NR
8:00	6.50	0.00	15.21	1.12	190	0.00	323.0	3.1	7.66	0.52	24.0	108.33	6,750	200	NR
8:05	6.50	0.00	15.26	0.33	190	0.00	324.0	1.0	7.68	0.26	18.0	33.3	7,750	200	NR
8:10	6.51	0.01	15.12	0.93	189	0.53	326.0	2.0	7.66	0.26	14.0	28.57	8,750	200	NR
8:15	6.50	-0.01	15.29	1.11	188	0.53	328.2	2.2	7.66	0.00	10.0	40.0	9,750	200	NR
8:20	6.50	0.00	15.31	0.13	188	0.00	329.5	1.3	7.69	0.39	10.0	0.00	10,750	200	NR
8:25	6.50	0.00	15.29	0.13	187	0.53	331.3	1.8	7.69	0.00	6.4	56.3	11,750	200	NR
8:30	6.50	0.00	15.17	0.79	187	0.00	332.8	1.5	7.64	0.65	5.1	25.49	12,750	200	NR
8:35	6.50	0.00	15.3	0.85	187	0.00	333.6	0.8	7.65	0.13	4.5	13.3	13,750	200	NR
8:40	6.50	0.00	15.26	0.26	186	0.54	334.9	1.3	7.64	0.13	3.8	18.42	14,750	200	NR
8:46	6.49	-0.01	15.11	0.99	187	0.53	336.9	2.0	7.64	0.00	2.7	40.7	15,950	200	NN
8:52	6.50	0.01	15.31	1.31	187	0.00	337.9	1.0	7.62	0.26	2.2	22.73	17,150	200	NR
8:59	6.50	0.00	15.22	0.59	187	0.00	339.1	1.2	7.60	0.26	2.2	0.0	18,550	200	NR
9:03	6.50	0.00	15.35	0.85	186.00	0.54	340.10	1.0	7.60	0.00	2.40	8.33	19,350	200	NR
9:35	Water level after sampling														4.51

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) '*' - Unable to obtain depth to water measurment because pump was in the way.
5) NA - "Not Available"
6) Pump Screen set at 4.56 feet below top of riser.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/17/1999
WEATHER: Sunny, High Winds, 40's
MONITORING WELL NO.: MW-19D1

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:23	Started pumping														
10:26	11.95	NA	14.78	NA	3.939	NA	-308.5	NA	2.31	NA	4.00	NA	660	220	3.99
10:31	11.93	0.02	14.71	0.5	4.961	20.6	-311.5	3.0	0.81	185.2	16.00	75.0	1,910	250	4.01
10:36	11.91	0.02	14.64	0.5	5.378	7.8	-323.6	12.1	0.52	55.8	38.50	58.4	3,160	250	4.01
10:41	11.89	0.02	14.66	0.1	5.459	1.5	-330.9	7.3	0.45	15.6	51.30	25.0	4,410	250	4.00
10:46	11.88	0.01	14.56	0.7	5.488	0.5	-333.7	2.8	0.40	12.5	43.80	17.1	5,760	270	4.00
10:51	11.88	0.00	14.73	1.2	5.500	0.2	-335.3	1.6	0.37	8.1	39.70	10.3	7,110	270	4.00
10:56	11.88	0.00	14.58	1.0	5.505	0.1	-338.2	2.9	0.35	5.7	36.20	9.7	8,460	270	4.01
11:00	11.88	0.00	14.56	0.1	5.504	0.0	-338.1	0.1	0.33	6.1	37.60	3.7	9,540	270	4.01

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) YSI unit's pH meter had been malfunctioning on 11/17/99.
6) Hnu headspace reading = 1.2 ppm

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/17/1999
WEATHER: Sunny, Cold 40's, slight wind
MONITORING WELL NO.: WC-19S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:39	11.54	NA	18.63	NA	0.539	NA	-90.2	NA	0.43	NA	1.19	NA	1,530	510	NR
11:44	11.57	0.03	18.70	0.37	0.590	8.64	-180.5	90.3	0.37	16.22	0.71	< 1 NTU	3,030	300	NR
11:47	11.58	0.01	18.69	0.1	0.623	5.3	-198.5	18.0	0.37	0.0	0.45	< 1 NTU	4,080	350	NR
11:50	11.58	0.00	18.73	0.21	0.638	2.35	-208.9	10.4	0.36	2.78	0.93	< 1 NTU	5,130	350	NR
11:53	11.59	0.01	18.82	0.5	0.644	0.9	-214.6	5.7	0.35	2.9	0.22	< 1 NTU	6,180	350	NR
11:56	11.58	0.01	18.77	0.27	0.651	1.08	-217.7	3.1	0.34	2.94	0.18	< 1 NTU	7,230	350	NR
11:59	11.58	0.00	18.81	0.2	0.653	0.3	-221.4	3.7	0.34	0.0	0.11	< 1 NTU	8,280	350	NR
12:20	Water depth after sampling														4.33

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) NR - Not Recorded; the water level could not measured because the pump is obstructing the well.
6) YSI pH meter had been malfunctioning on 11/17/99.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/09/1999
WEATHER: Cloudy, mid 50s °F
MONITORING WELL NO.: WC-20D1

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:18	7.04	NA	14.6	NA	713	NA	178.4	NA	6.99	NA	4.70	NA	NA	400	4.05
8:22	7.06	0.02	15.72	7.12	3,673	80.59	7.8	170.60	2.22	214.86	7.42	36.7	1,200	400	4.05
8:25	7.06	0.00	15.49	1.48	4,484	18.09	19.9	12.10	2.99	25.75	5.52	34.4	2,800	400	4.05
8:30	7.07	0.01	15.47	0.13	4,623	3.01	43.8	23.90	1.94	54.12	4.7	17.4	4,000	400	4.05
8:35	7.09	0.02	15.24	1.51	4,703	1.70	55.3	11.50	1.43	35.66	3.45	36.2	6,000	400	4.05
8:40	7.10	0.01	15.29	0.33	4,730	0.57	57.5	2.20	0.86	66.28	2.35	46.8	8,000	400	4.05
8:45	7.10	0.00	15.32	0.20	4,743	0.27	63.8	6.30	0.67	28.36	1.94	21.1	10,000	400	4.10
8:50	7.10	0.00	15.44	0.78	4,730	0.27	73.2	9.40	0.54	24.07	1.62	19.8	12,000	400	4.1
8:55	7.11	0.01	15.23	1.38	4,754	0.50	77.1	3.90	0.48	12.50	1.58	2.5	14,000	400	4.1
9:00	7.11	0.00	15.31	0.52	4,757	0.06	81.4	4.30	0.38	26.32	1.46	8.2	16,000	400	4.1
9:05	7.11	0.00	15.35	0.26	4,794	0.77	86.5	5.10	0.35	8.57	1.60	8.8	18,000	400	4.1
9:10	7.11	0.00	15.42	0.45	4,797	0.06	87.7	1.20	0.37	5.41	1.55	3.2	20,000	400	4.1
9:15	7.11	0.00	15.35	0.46	4,785	0.25	84.4	3.30	0.35	5.71	1.61	3.7	22,000	400	4.1

Notes:
1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/09/1999
WEATHER: Cloudy, High 50s °F
MONITORING WELL NO.: WC-20D2

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: S. Vallianos, R. Colon

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
12:15	9.6	NA	16.58	NA	11,865	NA	113.7	NA	2.13	NA	28	NA	NA	330	5.37
12:20	7.02	2.58	16.26	1.97	22,895	48.2	142.4	28.7	0.51	317.6	6.8	311.8	1,650	330	5.37
12:25	6.93	0.09	16.17	0.6	23,492	2.5	137.9	4.5	0.32	59.4	2.9	134.5	3,300	325	5.37
12:30	6.91	0.02	16.13	0.25	23,495	0.0	136.3	1.6	0.33	3.0	2.5	16.0	4,925	330	5.37
12:35	6.89	0.02	16.08	0.3	23,507	0.1	135.3	1.0	0.35	5.7	1.6	56.3	6,575	330	5.37
12:40	6.88	0.01	15.97	0.69	23,518	0.0	134.3	1.0	0.26	34.6	1.2	33.3	8,225	330	5.37
12:45	6.87	0.01	15.99	0.1	23,541	0.1	133.8	0.5	0.39	33.3	0.69	73.9	9,875	330	5.37
12:50	6.86	0.01	15.99	0.00	23,530	0.0	133.5	0.3	0.26	50.0	1.2	42.5	11,525	330	5.37
12:53	6.86	0.00	15.97	0.1	23,550	0.1	133.6	0.1	0.24	8.3	0.9	<1 NTU	12,515	330	5.37
12:56	6.86	0.00	15.92	0.31	23,537	0.1	133.7	0.1	0.24	0.0	0.7	<1 NTU	13,505	330	5.37

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/09/1999
WEATHER: Partly cloudy, mid 50s °F
MONITORING WELL NO.: WC-20S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colon, S. Vallianos

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:45	6.32	NA	18.70	NA	573	NA	235.8	NA	0.96	NA	1.55	NA	NA	325	5.04
10:50	6.28	0.04	18.8	0.5	566	1.2	233.6	2.2	0.74	29.7	1.16	33.6	1,625	260	5.04
10:55	6.25	0.03	18.89	0.5	569	0.5	228.3	5.3	0.50	48.0	0.72	<1 NTU	2,925	400	5.04
11:00	6.25	0.00	18.88	0.1	563	1.1	221.3	7.0	0.41	22.0	0.32	<1 NTU	4,925	400	5.04
11:05	6.26	0.01	18.92	0.2	561	0.4	209.3	12.0	0.40	2.5	0.80	<1 NTU	6,925	400	5.04
11:10	6.26	0.00	18.7	1.2	552	1.6	201.2	8.1	0.31	29.0	0.65	<1 NTU	8,925	400	5.04
11:15	6.26	0.00	18.75	0.3	549	0.5	195.8	5.4	0.30	3.3	0.40	<1 NTU	10,925	400	5.04
11:18	6.25	0.01	18.67	0.4	546	0.5	192.3	3.5	0.27	11.1	0.30	<1 NTU	12,125	400	5.04
11:21	6.24	0.01	18.71	0.2	544	0.4	188.2	4.1	0.27	0.0	0.45	<1 NTU	13,325	400	5.04
11:24	6.24	0.00	18.7	0.1	542	0.4	184.7	3.5	0.26	3.8	0.30	<1 NTU	14,525	400	5.04

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/10/1999
WEATHER: Cloudy, Low 60s
MONITORING WELL NO.: WC-21D1

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: S. Vallianos, R. Colon

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:50	Started pump														5.02
8:55	9.63	NA	16.23	NA	310	NA	61.0	NA	6.48	NA	28.0	NA	1,200	240	5.08
9:00	9.46	0.17	16.28	0.3	3,010	89.7	52.2	8.8	2.60	149.2	22	27.3	2,625	285	5.07
9:05	8.11	1.35	15.86	2.65	5,075	40.7	-146.3	198.5	0.86	202.3	20.0	10.0	4,075	290	5.08
9:10	7.45	0.66	15.78	0.5	5,340	5.0	-135.4	10.9	0.61	41.0	10	100.0	5,525	290	5.08
9:15	7.31	0.14	15.80	0.13	5,571	4.1	-123.5	11.9	0.58	5.2	9.5	5.3	6,975	290	5.09
9:20	7.25	0.06	15.86	0.4	5,671	1.8	-118.4	5.1	0.49	18.4	9.5	0.0	8,425	290	5.10
9:25	7.21	0.04	15.87	0.06	5,751	1.4	-114.6	3.8	0.44	11.4	6.5	46.2	9,875	290	5.10
9:30	7.18	0.03	15.81	0.4	5,817	1.1	-112.4	2.2	0.36	22.2	5.8	12.1	11,325	290	5.10
9:35	7.15	0.03	15.80	0.06	5,870	0.9	-111.3	1.1	0.34	5.9	4.0	45.0	12,775	290	5.10
9:40	7.13	0.02	15.84	0.3	5,918	0.8	-111.4	0.1	0.32	6.3	3.9	2.6	14,225	290	5.10
9:43	7.13	0.00	15.8	0.25	5,939	0.4	-111.6	0.2	0.30	6.7	3.0	30.0	15,095	290	5.11
9:46	7.12	0.01	15.63	1.1	5,979	0.7	-111.5	0.1	0.28	7.1	2.7	11.1	16,025	310	5.10
9:50	7.11	0.01	15.61	0.13	5,985	0.1	-112.1	0.6	0.28	0.0	0.9	< 1 NTU	17,265	310	5.10
9:53	7.11	0.00	15.71	0.6	5,982	0.1	-112.3	0.2	0.28	0.0	0.75	< 1 NTU	18,195	310	5.10
10:33	Depth to water after collecting sample well and retrieving pump														5.04

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Pump screen was set 35.5 feet below top of riser.
6) NR - "Not Recorded"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/10/1999
WEATHER: Clear: Mid 60's
MONITORING WELL NO.: WC-21D2

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: S. Vallianos, R. Colon

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:55	Started pump														5.10
11:00	12.53	NA	16.55	NA	2,442	NA	-120.5	NA	1.87	NA	14.0	NA	1,650	330	5.10
11:05	7.80	4.73	15.52	6.6	21,875	88.8	-254.8	134.3	0.49	281.6	1.3	976.9	3,350	340	5.10
11:10	6.99	0.81	15.50	0.1	23,705	7.7	-181.0	73.8	0.50	2.0	1.7	23.5	5,050	340	5.10
11:15	6.78	0.21	15.49	0.1	23,758	0.2	-146.3	34.7	0.38	31.6	0.7	<1 NTU	6,750	340	5.10
11:20	6.69	0.09	15.55	0.4	23,705	0.2	-133.2	13.1	0.35	8.6	0.4	<1 NTU	8,450	340	5.08
11:25	6.65	0.04	15.42	0.8	23,616	0.4	-126.1	7.1	0.30	16.7	0.15	<1 NTU	10,150	340	5.08
11:30	6.64	0.01	15.26	1.0	23,566	0.2	-122.8	3.3	0.28	7.1	0.30	<1 NTU	11,850	340	5.07
11:35	6.62	0.02	15.17	0.6	23,500	0.3	-119.6	3.2	0.27	3.7	0.20	<1 NTU	13,550	340	5.09
11:40	6.62	0.00	15.20	0.2	23,458	0.2	-117.3	2.3	0.25	8.0	0.05	<1 NTU	15,250	340	5.09
11:45	6.61	0.01	15.29	0.6	23,434	0.1	-116.3	1.0	0.25	0.0	0.10	<1 NTU	16,950	340	5.09
12:50	Water level after sampling														5.02

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) Pump Screen was set to 142' below top of riser.
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/10/1999
WEATHER: Cloudy, High 60s °F
MONITORING WELL NO.: WC-21S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: S. Vallianos, R. Colon

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:44	6.78	NA	17.77	NA	414	NA	-44.5	NA	4.95	NA	5.7	NA	NA	380	NR
7:50	6.58	0.20	17.78	0.1	340	21.8	-117.8	73.3	0.93	432.3	2.0	185.0	2,280	380	NR
7:55	6.56	0.02	17.79	0.1	337	0.9	-122.8	5.0	0.49	89.8	1.9	5.3	4,180	380	NR
8:00	6.52	0.04	17.80	0.1	327	3.1	-128.5	5.7	0.36	36.1	1.9	0.0	6,080	380	NR
8:05	6.49	0.03	17.81	0.1	322	1.6	-131.9	3.4	0.33	9.1	1.6	18.8	7,980	380	NR
8:08	6.47	0.02	17.81	0.0	319	0.9	-133.5	1.6	0.31	6.5	1.1	45.5	9,120	380	NR
8:11	6.47	0.00	17.84	0.2	320	0.3	-134.5	1.0	0.30	3.3	1.2	8.3	10,260	380	NR
8:14	6.47	0.00	17.83	0.1	321	0.3	-135.6	1.1	0.32	6.3	1.0	≤ 1 NTU	11,400	380	NR
8:40	Depth to water after retrieving pump														5.07

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) ** - signifies that the water level measurements could not be obtained because pump obstructed a path towards the water.
3) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
4) ft bgs - means "feet below ground surface".
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/10/1999
WEATHER: Cloudy, Low 60s °F
MONITORING WELL NO.: WC2-2D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:20	5.93	NA	16.07	NA	21,111	NA	-56.0	NA	1.95	NA	15.9	NA	NA	250	6.24
7:25	6.41	0.48	16.27	1.23	26,931	21.61	-98.7	42.7	1.33	46.62	13.0	22.3	1,950	390	6.25
7:30	6.60	0.19	16.2	0.43	27,081	0.55	-107.7	9.0	1.58	15.8	12.8	1.6	3,950	400	6.25
7:35	6.68	0.08	16.15	0.31	27,029	0.19	-108.8	1.1	1.90	16.84	8.05	59.0	5,950	400	6.22
7:40	6.74	0.06	16.14	0.06	26,988	0.15	-105.4	3.4	2.18	12.8	6.63	21.4	7,950	400	6.20
7:45	6.76	0.02	16.14	0.00	26,969	0.07	-104.6	0.8	2.26	3.54	4.53	46.4	9,875	385	6.20
7:50	6.79	0.03	16.13	0.06	26,952	0.06	-106.0	1.4	2.48	8.9	4.20	7.9	11,825	390	6.20
7:55	6.8	0.01	16.13	0.00	26,938	0.05	-106.7	0.7	2.52	1.59	2.41	74.3	13,750	385	6.20
8:00	6.83	0.03	16.12	0.06	26,925	0.05	-106.9	0.2	2.71	7.0	2.07	16.4	15,700	390	6.15
8:05	6.83	0.00	16.12	0.00	26,922	0.01	-104.6	2.3	2.64	2.65	1.42	45.8	17,650	390	6.15
8:10	6.83	0.00	16.13	0.06	26,919	0.01	-105.2	0.6	2.74	3.6	1.77	19.8	19,625	395	6.13
8:15	6.83	0.00	16.14	0.06	26,915	0.01	-104.2	1.0	2.74	0.00	0.96	84.4	21,600	395	6.09
8:20	6.83	0.00	16.13	0.06	26,914	0.00	-105.0	0.8	2.75	0.4	1.19	19.3	23,575	395	6.05
8:25	6.85	0.02	16.14	0.06	26,914	0.00	-105.0	0.0	2.85	3.51	0.82	< 1 NTU	25,550	395	6.05
8:30	6.84	0.01	16.14	0.00	26,912	0.01	-105.9	0.9	2.83	0.7	0.64	< 1 NTU	27,525	395	6.05
8:35	6.84	0.00	16.13	0.06	26,913	0.00	-106.1	0.2	2.76	2.54	0.35	< 1 NTU	29,500	395	6.05

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Pump screen was set 35.5 feet below top of riser.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/12/1999
WEATHER: Cloudy, Cold 45 degrees F.
MONITORING WELL NO.: WC2-2I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: P. Reynolds and B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
12:35	7.18	NA	13.96	NA	1,228	NA	-318.6	NA	2.59	NA	21.4	NA	2,565	285	4.18
12:40	7.02	0.16	14.88	6.2	1,290	4.8	-319.7	1.1	1.63	58.9	20.6	3.9	4,115	310	4.23
12:45	7.01	0.01	14.83	0.3	1,307	1.3	-319.5	0.2	1.23	32.5	17.1	20.5	5,815	340	4.22
12:50	7.01	0.00	14.79	0.3	1,322	1.1	-318.4	1.1	1.00	23.0	17.7	3.4	7,515	340	4.22
12:55	6.99	0.02	14.74	0.3	1,328	0.5	-318.6	0.2	0.88	13.6	16.0	10.6	9,215	340	4.22
13:00	6.99	0.00	14.74	0.0	1,345	1.3	-317.9	0.7	0.57	54.4	18.2	12.1	10,915	340	4.23
13:05	6.99	0.00	14.70	0.3	1,362	1.2	-318.1	0.2	0.54	5.6	26.0	30.0	12,615	340	4.23
13:10	6.99	0.00	14.68	0.1	1,390	2.0	-317.0	1.1	0.40	35.0	27.4	5.1	14,315	340	4.23

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/12/1999
WEATHER: Partly Cloudy, Low 40's °F
MONITORING WELL NO.: WC2-3D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, E. Hastings

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:55	Started pump													--	5.62
8:04	6.89	NA	9.00	NA	7,733	NA	227.5	NA	3.04	NA	2.10	NA	3,420	380	5.51
8:10	6.55	0.34	12.69	29.1	19,037	59.4	52.2	175.3	1.04	192.3	2.70	22.2	5,700	380	5.50
8:15	6.55	0.00	13.45	5.7	19,021	0.1	51.3	0.9	0.79	31.6	2.40	12.5	7,600	380	5.50
8:20	6.55	0.00	12.56	7.1	19,050	0.2	50.1	1.2	0.58	36.2	0.50	< 1 NTU	9,500	380	5.50
8:25	6.55	0.00	12.51	0.4	19,049	0.0	49.5	0.6	0.6	3.3	0.15	< 1 NTU	11,400	380	5.50
8:30	6.55	0.00	12.46	0.4	19,086	0.2	46.9	2.6	0.56	7.1	0.00	< 1 NTU	13,300	380	5.50
8:34	6.56	0.01	12.37	0.7	19,087	0.0	46.4	0.5	0.56	0.0	0.00	< 1 NTU	14,820	380	5.50
9:17	Water level after sampling														5.38

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Set pump screen 80 feet below top of riser.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/12/1999
WEATHER: Clear, Mid 40's °F
MONITORING WELL NO.: WC2-3I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
9:35	Started pump														3.91
9:40	6.89	NA	11.24	NA	6,777	NA	49.3	NA	4.16	NA	3.70	NA	1,600	320	3.97
9:45	6.56	0.33	13.16	14.6	11,573	41.4	39.8	9.5	1.74	139.1	3.80	2.6	3,200	320	3.97
9:50	6.50	0.06	13.46	2.2	12,329	6.1	43.3	3.5	0.84	107.1	4.40	13.6	4,800	320	3.97
9:55	6.49	0.01	13.55	0.7	12,363	0.3	34.2	9.1	0.66	27.3	4.30	2.3	6,400	320	3.95
10:00	6.50	0.00	13.58	0.2	12,338	0.2	30.7	3.5	0.63	4.8	3.10	41.9	8,000	320	3.91
10:05	6.50	0.00	13.61	0.2	12,320	0.1	27.4	3.3	0.57	10.5	2.20	40.9	9,600	320	3.91
10:10	6.50	0.00	13.68	0.5	12,301	0.2	25.5	1.9	0.54	5.6	1.50	46.7	11,200	320	3.89
10:15	6.50	0.00	13.66	0.1	12,276	0.2	23.1	2.4	0.51	5.9	0.85	76.5	12,800	320	3.88
10:20	6.50	0.00	13.62	0.3	12,263	0.1	21.8	1.3	0.5	2.0	0.45	88.9	14,400	320	3.87
10:25	6.50	0.00	13.60	0.1	12,249	0.1	20.9	0.9	0.51	2.0	0.65	30.8	16,000	320	3.88
11:00	Water level after sampling														3.67

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Set pump screen 49 feet below top of riser.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/12/1999
WEATHER: Cloudy, Cold 45 degrees F.
MONITORING WELL NO.: WC2-3S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: P. Reynolds and B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:50	6.86	NA	12.16	NA	12.45	NA	-306.9	NA	0.54	NA	2.9	NA	2,250	250	NR
10:55	6.83	0.03	13.63	10.8	12.44	0.1	-307.5	0.6	0.22	145.5	2.0	45.0	3,500	250	NR
11:00	6.82	0.01	14.32	4.8	12.53	0.7	-307.1	0.4	0.26	15.4	1.5	33.3	5,300	360	NR
11:05	6.80	0.02	14.45	0.9	12.68	1.2	-307.8	0.7	0.16	62.5	1.6	6.3	7,100	360	NR
11:10	6.79	0.01	14.52	0.5	12.80	0.9	-308.2	0.4	0.15	6.7	0.9	< 1 NTU	8,900	360	NR
11:15	6.79	0.00	14.57	0.3	12.98	1.4	-310.5	2.3	0.12	25.0	0.8	< 1 NTU	10,800	380	NR
11:20	6.78	0.01	14.53	0.3	13.22	1.8	-310.5	0.0	0.11	9.1	0.6	< 1 NTU	12,700	380	NR
11:25	6.78	0.00	14.56	0.2	13.46	1.8	-310.1	0.4	0.10	10.0	0.4	< 1 NTU	14,600	380	NR
11:30	6.78	0.00	14.53	0.2	132.64	89.9	-309.8	0.3	0.10	0.0	0.4	< 1 NTU	16,500	380	NR

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) NR - Pump obstruction, water level can not be measured

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/15/1999
WEATHER: Clear, Low 40s
MONITORING WELL NO.: WC2-4I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:09	Started pump														4.92
0.3	6.96	NA	11.77	NA	1,076	NA	106.0	NA	2.49	NA	35.0	NA	1,920	320	4.93
8:20	7.01	0.05	14.68	19.8	1,791	39.9	-79.6	185.6	0.79	215.2	6.3	455.6	3,420	300	4.93
8:25	7.02	0.01	14.51	1.2	1,799	0.44	-89.0	9.4	0.76	3.9	4.1	53.7	4,920	300	4.93
8:30	7.03	0.01	14.56	0.3	1,788	0.6	-90.0	1.0	0.61	24.6	3.7	< 1 NTU	6,420	300	4.93
8:35	7.03	0.00	14.62	0.4	1,788	0.00	-92.5	2.5	0.48	27.1	3.2	< 1 NTU	7,920	300	4.95
8:40	7.04	0.01	14.55	0.5	1,785	0.2	-93.0	0.5	0.44	9.1	2.8	< 1 NTU	9,420	300	4.95
8:45	7.04	0.00	14.46	0.6	1,785	0.00	-94.0	1.0	0.36	22.2	2.7	< 1 NTU	10,920	300	4.96
8:50	7.04	0.00	14.44	0.1	1,787	0.1	-94.8	0.8	0.33	9.1	2.7	< 1 NTU	12,420	300	4.96
8:53	7.04	0.00	14.43	0.1	1,786	0.06	-95.0	0.2	0.32	3.1	2.7	< 1 NTU	13,320	300	4.96
8:56	7.04	0.00	14.71	1.9	1,785	0.1	-96.0	1.0	0.31	3.2	2.7	< 1 NTU	14,220	300	4.96
9:35	Water level after sampling														4.96

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Pump screen was set at 30' below top of riser.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/15/1999
WEATHER: Clear, Mid '40s °F
MONITORING WELL NO.: WC2-4S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:05	Started pump														NR
10:07	7.16	NA	16.39	NA	228.0	NA	216.6	NA	3.82	NA	0.0	NA	740	370	NR
10:15	7.06	0.10	17.00	3.6	225.3	1.2	224.4	7.8	3.02	26.5	0.0	< 1 NTU	3,460	340	NR
10:20	7.02	0.04	17.10	0.6	221.0	1.9	232.1	7.7	2.73	10.6	0.0	< 1 NTU	5,160	340	NR
10:25	7.01	0.01	17.02	0.5	NR	NA	239.8	7.7	2.59	5.4	0.0	< 1 NTU	6,860	340	NR
10:30	7.01	0.00	17.06	0.2	218.0	NA	243.2	3.4	2.43	6.6	0.0	< 1 NTU	8,560	340	NR
10:33	7.01	0.00	17.06	0.0	218.0	0.0	245.0	1.8	2.43	0.0	0.0	< 1 NTU	9,580	340	NR
10:36	7.01	0.00	17.08	0.1	218.0	0.0	247.1	2.1	2.39	1.7	0.0	< 1 NTU	10,600	340	NR
11:00	Water level after sampling and retrieving pump														5.23

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) NR - Not Recorded; the pump apparatus blocked water level measurements

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/15/1999
WEATHER: Windy, Cold, 40s, Sunny
MONITORING WELL NO.: WC2-5I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Goulstone, P. Reynolds

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:29	Started pumping														
8:39	7.00	NA	12.47	NA	14.07	NA	-369.4	NA	0.66	NA	53.0	NA	2,500	250	7.58
8:44	6.98	0.02	13.82	9.8	19.89	29.3	-372.9	3.5	2.60	74.6	800.0	93.4	4,250	350	7.56
8:49	6.97	0.01	13.71	0.8	20.34	2.2	-373.8	0.9	0.19	1268.4	150.0	433.3	6,000	350	7.55
8:54	6.97	0.00	13.69	0.1	20.49	0.7	-373.9	0.1	0.18	5.6	130.0	15.4	7,850	370	7.66
8:59	6.98	0.01	13.75	0.4	20.57	0.4	-373.9	0.0	0.18	0.0	130.0	0.0	9,700	370	7.68
9:04	6.97	0.01	13.72	0.2	20.63	0.3	-374.5	0.6	0.16	12.5	120.0	8.3	11,500	360	7.60
9:09	6.97	0.00	14.00	2.0	20.68	0.2	-375.0	0.5	0.16	0.0	110.0	9.1	13,300	360	7.50
9:14	6.97	0.00	14.09	0.6	20.75	0.3	-374.8	0.2	0.16	0.0	85.0	29.4	14,800	300	7.52
9:19	6.96	0.01	13.66	3.1	20.79	0.2	-375.5	0.7	0.15	6.7	70.0	21.4	16,400	320	7.65
9:24	6.96	0.00	14.08	3.0	20.79	0.2	-375.8	0.3	0.14	7.1	60.0	16.7	18,000	320	7.65
9:29	6.96	0.00	13.7	2.8	20.86	0.3	-375.5	0.3	0.14	0.0	55.0	9.1	19,600	320	7.70
9:34	6.96	0.00	14.06	2.6	20.84	0.2	-376.5	1.0	0.14	0.0	45.0	22.2	21,200	320	7.60
9:39	6.95	0.01	13.97	0.6	20.89	0.2	-377.4	0.9	0.14	0.0	36.0	25.0	22,810	322	7.55
9:44	6.95	0.00	14.10	0.9	20.91	0.3	-377.1	0.3	0.14	0.0	36.0	0.0	24,410	320	7.54
9:49	6.95	0.00	14.12	0.1	20.93	0.1	-378.0	0.9	0.14	0.0	37.0	2.7	26,010	320	7.54
9:54	6.95	0.00	13.91	1.5	20.95	0.2	-377.4	0.6	0.14	0.0	34.0	8.8	27,610	320	7.05

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/10/1999
WEATHER: Clear, 60s
MONITORING WELL NO.: WC2-5S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
9:40	7.27	NA	18.98	NA	430	NA	50.9	NA	1.44	NA	1.94	NA	NA	375	NR
9:50	6.92	0.35	19.13	0.78	425	1.18	64.4	13.5	0.64	125.0	0.0	< 1 NTU	3,150	315	NR
9:55	6.78	0.14	19.00	0.68	410	3.66	68.6	4.2	0.78	17.9	0	< 1 NTU	4,700	310	NR
10:00	6.67	0.11	19.05	0.26	397	3.27	75.2	6.6	1.00	22.0	0.00	< 1 NTU	6,250	310	NR
10:05	6.62	0.05	19.00	0.26	393	1.02	78.3	3.1	0.96	4.2	0	< 1 NTU	8,000	350	NR
10:10	6.60	0.02	19.00	0.00	391	0.51	79.4	1.1	1.03	6.8	0.00	< 1 NTU	9,775	355	NR
10:15	6.58	0.02	18.98	0.11	389	0.51	78.8	0.6	1.02	1.0	0.00	< 1 NTU	11,525	350	NR

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
4) NA - "Not Available"
5) NR - Not Recorded; the pump apparatus blocked water level measurements

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/15/1999
WEATHER: Clear, V. Windy, Mid 40's °F
MONITORING WELL NO.: WC2-6I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed (ml)	Pumping Rate (ml/min)	Water Elevation (ft bgs)
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*			
11:15	Started purging														4.82
11:21	6.75	NA	13.41	NA	5,683	NA	298.3	NA	2.48	NA	11.0	NA	2,040	340	4.82
11:25	6.49	0.26	15.53	13.7	13,011	56.3	103.8	194.5	0.95	161.1	55.0	80.0	3,400	340	4.82
11:30	6.46	0.03	15.14	2.6	13,380	2.8	51.1	52.7	0.90	5.6	27.0	103.7	5,100	340	4.81
11:35	6.46	0.00	15.17	0.2	13,463	0.6	36.1	15.0	0.75	20.0	14.0	92.9	6,800	340	4.80
11:40	6.47	0.01	15.01	1.1	13,526	0.5	25.6	10.5	0.80	6.3	6.5	115.4	8,500	340	4.78
11:45	6.48	0.01	15.35	2.2	13,622	0.7	16.6	9.0	0.93	14.0	6.0	8.3	10,200	340	4.77
11:50	6.49	0.01	15.57	1.4	13,695	0.5	12.6	4.0	0.72	29.2	3.0	100.0	11,900	340	4.75
11:55	6.49	0.00	15.61	0.3	13,729	0.2	8.8	3.8	0.76	5.3	3.9	23.1	13,600	340	4.74
12:00	6.50	0.01	15.74	0.8	13,769	0.3	6.5	2.3	0.75	1.3	1.6	143.8	15,300	340	4.73
12:05	6.50	0.00	15.64	0.6	13,799	0.2	4.9	1.6	0.71	5.6	2.0	20.0	17,000	340	4.77
12:10	6.50	0.00	15.32	2.1	13,841	0.5	3.4	1.5	0.58	22.4	1.4	42.9	18,700	340	4.77
12:15	6.50	0.00	15.47	1.0	13,846	0.0	2.6	0.8	0.61	4.9	1.1	27.3	20,400	340	4.71
12:20	6.50	0.00	15.59	0.8	13,870	0.2	1.8	0.8	0.60	1.7	0.8	< 1 NTU	22,100	340	4.70
12:23	6.50	0.00	15.43	1.0	13,879	0.1	1.2	0.6	0.64	6.3	0.5	< 1 NTU	23,120	340	4.70
13:05	Water level after sampling														4.60

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Pump set at 45' below top of riser.

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/18/1999
WEATHER: Clear, Low 40's, Windy
MONITORING WELL NO.: WC3-1D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: P. Reynolds, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
7:55	Started pumping														3.54
8:03	6.26	NA	14.85	NA	19,412	NA	-377.7	NA	0.77	NA	450.00	NA	1,840	230	3.54
8:10	6.27	0.01	14.80	0.3	20,385	4.8	-412.1	34.4	0.47	63.8	170.00	164.7	3,310	210	4.18
8:15	6.27	0.00	14.87	0.5	20,841	2.2	-410.9	1.2	0.31	51.6	31.00	448.4	4,360	210	4.54
8:20	6.28	0.01	14.83	0.3	21,010	0.8	-403.7	7.2	0.31	0.0	18.00	72.2	4,510	30	4.01
8:25	6.28	0.00	14.82	0.1	21,139	0.6	-393.9	9.8	0.23	34.8	11.00	63.6	5,110	120	3.94
8:30	6.28	0.00	14.78	0.3	20,935	1.0	-387.3	6.6	2.29	90.0	12.00	8.3	5,610	100	3.95
8:35	6.28	0.00	14.69	0.6	21,124	0.9	-387.4	0.1	2.32	1.3	9.90	21.2	6,110	100	3.95
8:40	6.29	0.01	14.61	0.5	21,086	0.2	-380.5	6.9	2.02	14.9	11.00	10.0	6,610	100	4.10
8:45	6.29	0.00	14.54	0.5	21,083	0.0	-364.5	16	1.85	9.2	8.60	27.9	7,110	100	4.01
8:50	6.29	0.00	14.58	0.3	21,025	0.3	-356.7	7.8	1.88	1.6	8.20	4.9	7,610	100	3.98
8:55	6.29	0.00	14.57	0.1	21,088	0.3	-353.2	3.5	1.83	2.7	7.80	5.1	8,110	100	3.98
9:00	6.29	0.00	14.75	1.2	21,057	0.1	-337.4	15.8	2.00	8.5	3.60	116.7	8,610	100	3.95
9:05	6.29	0.00	14.72	0.2	21,056	0.0	-327.2	10.2	2.07	3.4	3.80	5.3	9,110	100	3.93
9:10	6.29	0.00	14.45	1.9	21,040	0.1	-311.3	15.9	1.92	7.8	3.10	22.6	9,610	100	3.92
9:15	6.29	0.00	14.45	0.0	21,035	0.0	-288.6	22.7	2.03	5.4	2.70	14.8	10,110	100	3.91
9:20	6.30	0.01	14.49	0.3	21,028	0.0	-296.7	8.1	2.12	4.2	2.70	0.0	10,610	100	3.91
9:25	6.30	0.00	14.49	0.0	21,017	0.1	-297.0	0.3	2.17	2.3	2.70	0.0	11,110	100	3.92
9:35	6.30	0.00	14.50	0.1	20,986	0.1	-290.0	7.0	2.21	1.8	2.80	3.6	12,110	100	3.92
9:45	Water level after sampling														3.92

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) Pump Screen set at 35 feet below top of riser.
6) Pid readings = 91.0 ppm over well cap

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/17/1999
WEATHER: Clear, Low 40's, Windy
MONITORING WELL NO.: WC3-1I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity[6] (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
13:28	Started pump														3.54
13:35	7.98	NA	14.58	NA	2,885	NA	-85.2	NA	4.81	NA	58.20	NA	1,610	230	3.54
13:40	7.06	-0.92	15.84	8.0	2,859	0.91	-358.2	273.0	5.41	11.1	999.00	94.2	2,660	210	4.18
13:45	6.92	-0.14	15.82	0.1	2,886	0.94	-576.6	218.4	5.88	8.0	599.00	66.78	3,710	210	4.54
13:50	6.89	-0.03	15.47	2.3	2,849	1.30	-540.6	36.0	5.29	11.2	623.00	3.9	3,860	30	4.01
13:55	6.89	0.00	14.44	7.1	2,836	0.46	-459.6	81	5.12	3.3	NA	NA	4,460	120	3.94
14:00	6.87	-0.02	14.23	1.5	2,847	0.39	-468.0	8.4	4.98	2.8	NA	NA	4,960	100	3.95
14:05	6.84	-0.03	13.78	3.3	2,855	0.28	-491.3	23.3	3.93	26.7	NA	NA	5,460	100	3.95
14:10	6.84	0.00	13.85	0.5	2,855	0.00	-509.3	18.0	3.79	3.7	NA	NA	5,960	100	4.10
14:15	6.85	0.01	14.07	1.6	2,775	2.88	-527.6	18.3	3.24	17.0	NA	NA	6,460	100	4.01
14:20	6.84	-0.01	13.88	1.4	2,796	0.75	-533.6	6.0	2.87	12.9	NA	NA	6,960	100	3.98
14:25	6.83	-0.01	14.14	1.8	2,827	1.10	-533.0	0.6	2.26	27.0	NA	NA	7,460	100	3.98
14:30	6.82	-0.01	14.10	0.3	2,829	0.07	-524.8	8.2	2.14	5.6	NA	NA	7,960	100	3.95
14:35	6.81	-0.01	13.64	3.4	2,840	0.39	-522.8	2	1.78	20.2	NA	NA	8,460	100	3.93
14:40	6.80	-0.01	13.36	2.1	2,841	0.04	-535.1	12.3	1.50	18.7	NA	NA	8,960	100	3.92
14:45	6.79	-0.01	12.96	3.1	2,842	0.04	-529.6	5.5	1.20	25.0	NA	NA	9,460	100	3.91
14:50	6.79	0.00	12.83	1.0	2,843	0.04	-521.8	7.8	1.09	10.1	NA	NA	9,960	100	3.91
14:55	6.79	0.00	12.94	0.9	2,843	0.00	-541.7	19.9	0.91	19.8	NA	NA	10,460	100	3.92
15:00	6.78	-0.01	13.32	2.9	2,848	0.18	-533.8	7.9	0.87	4.6	NA	NA	10,960	100	3.92
15:03	6.78	0.00	13.52	1.5	2,850	0.07	-533.1	0.7	0.81	7.4	NA	NA	11,260	100	3.92
15:06	6.78	0.00	14.79	8.6	12,327	76.88	-588.3	55.2	0.17	376.5	NA	NA	11,560	100	3.95
15:10	6.78	0.00	14.80	0.1	12,332	0.04	-588.5	0.2	0.17	0.0	NA	NA	11,960	100	3.95
15:15	6.77	-0.01	14.79	0.1	12,327	0.04	-588.3	0.2	0.17	0.0	NA	NA	12,460	100	3.95
15:20	Cleaned flow-through cell without stopping purging activities														
15:30	6.80	0.03	14.80	0.1	12,332	0.04	-588.5	0.2	0.17	0.0	NA	NA	14,410	130	3.94
15:40	6.77	-0.03	14.79	0.1	12,327	0.04	-588.3	0.2	0.17	0.0	NA	NA	15,710	130	3.94
15:50	6.76	-0.01	14.80	0.1	12,332	0.04	-588.5	0.2	0.17	0.0	NA	NA	17,010	130	3.94
15:55	6.75	-0.01	14.79	0.1	12,327	0.04	-588.3	0.2	0.17	0.0	NA	NA	17,660	130	4.40
16:00	6.77	0.02	14.80	0.1	12,332	0.04	-588.5	0.2	0.17	0.0	NA	NA	18,310	130	4.05
16:10	6.76	-0.01	14.79	0.1	12,327	0.04	-588.3	0.2	0.17	0.0	NA	NA	19,610	130	4.00
16:13	6.76	0.00	14.80	0.1	12,332	0.04	-588.5	0.2	0.17	0.0	NA	NA	20,000	130	4.00
16:16	6.76	0	14.79	0.1	12,327	0.04	-588.3	0.2	0.17	0.0	NA	NA	20,390	130	4.00
16:19	6.76	0	14.80	0.1	12,332	0.04	-588.5	0.2	0.17	0.0	NA	NA	20,780	130	4.02
18:30	Water level after sampling														3.68

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - Not Available
5) Pump Screen set at 35 feet below top of riser.
6) Turbidity seemed to be out of scale for the instrument

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/17/1999
WEATHER: Clear, Low 40's, Windy
MONITORING WELL NO.: WC3-2D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed (ml)	Pumping Rate (ml/min)	Water Elevation (ft bgs)
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*			
10:40	Started pump														3.83
10:44	6.94	NA	13.92	NA	349.2	NA	-249.2	NA	2.27	NA	7.14	NA	2,200	550	3.93
10:50	6.84	-0.10	14.24	2.2	13894	97.49	-501.4	252.2	0.44	415.9	8.24	13.3	4,060	310	3.93
10:55	6.86	0.02	14.27	0.2	13439	3.39	-533.3	31.9	0.25	76.0	9.09	9.35	5,860	360	3.93
11:00	6.86	0.00	14.56	2.0	12971	3.61	-552.0	18.7	0.20	25.0	6.82	33.3	7,710	370	3.93
11:05	6.86	0.00	14.47	0.6	12685	2.25	-573.1	21.1	0.18	11.1	4.50	51.56	9,560	370	3.91
11:10	6.84	-0.02	14.56	0.6	12471	1.72	-572.5	0.6	0.15	20.0	2.33	93.1	11,410	370	3.91
11:15	6.82	-0.02	14.82	1.8	12359	0.91	-583.1	10.6	0.14	7.1	1.84	26.63	13,260	370	3.91
11:20	6.80	-0.02	14.48	2.3	12323	0.29	-579.9	3.2	0.14	0.0	1.27	44.9	15,110	370	3.91
11:25	6.78	-0.02	14.62	1.0	12287	0.29	-578.3	1.6	0.14	0.0	1.46	13.01	16,960	370	3.91
11:30	6.77	-0.01	14.63	0.1	12287	0.00	-586.1	7.8	0.14	0.0	1.01	44.6	18,810	370	3.91
11:35	6.75	-0.02	15.07	2.9	12311	0.19	-589.9	3.8	0.15	6.7	0.82	< 1 NTU	20,660	370	3.91
11:40	6.74	-0.01	14.95	0.8	12316	0.04	-589.2	0.7	0.16	6.3	0.45	< 1 NTU	22,510	370	3.92
11:44	6.73	-0.01	14.80	1.0	12332	0.13	-588.5	0.7	0.17	5.9	0.86	< 1 NTU	23,990	370	3.92
11:47	6.73	0.00	14.79	0.1	12327	0.04	-588.3	0.2	0.17	0.0	0.75	< 1 NTU	25,100	370	3.92
13:05	Water level after sampling														3.90

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NA - "Not Available"
5) PID = 0.4ppm(Headspace)

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/17/1999
WEATHER: Clear, Low 40's °F, Windy
MONITORING WELL NO.: WC3-2I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

TIME	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
8:10	Started pump														4.01
8:15	6.77	NA	11.45	NA	1105	NA	138.0	NA	6.40	NA	7.50	NA	1,350	270	4.19
8:20	6.90	0.13	13.28	13.8	1145	3.49	-211.5	349.5	7.13	10.2	12.30	39.0	2,700	270	4.19
8:25	6.90	0.00	13.33	0.4	1140	0.44	-257.7	46.2	7.21	1.11	11.70	5.13	4,050	270	4.19
8:30	6.87	-0.03	13.35	0.1	1136	0.35	-266.7	9.0	7.43	3.0	12.10	3.3	5,400	270	4.20
8:35	6.86	-0.01	13.20	1.1	1143	0.61	-267.4	0.7	6.95	6.91	10.36	16.80	6,750	270	4.20
8:40	6.86	0.00	13.39	1.4	1144	0.09	-268.8	1.4	6.60	5.3	9.47	9.4	8,100	270	4.20
8:45	6.85	-0.01	13.27	0.9	1147	0.26	-280.5	11.7	5.33	23.83	6.80	39.26	9,450	270	4.20
8:50	6.85	0.00	13.37	0.7	1151	0.35	-335.4	54.9	4.40	21.1	4.78	42.3	10,800	270	4.20
8:55	6.85	0.00	13.30	0.5	1165	1.20	-541.3	205.9	3.28	34.15	4.30	11.16	12,150	270	4.20
9:00	6.85	0.00	13.30	0.0	1170	0.43	-555.6	14.3	2.82	16.3	3.39	26.8	13,500	270	4.20
9:05	6.85	0.00	13.32	0.2	1172	0.17	-550.1	5.5	2.25	25.33	3.81	11.02	14,850	270	4.20
9:10	6.84	-0.01	13.27	0.4	1174	0.17	-561.4	11.3	1.48	52.0	4.87	21.8	16,200	270	4.20
9:15	6.84	0.00	13.35	0.6	1173	0.09	-544.1	17.3	1.34	10.45	8.42	42.16	17,550	270	4.20
9:20	6.83	-0.01	13.37	0.1	1172	0.09	-544.9	0.8	1.03	30.1	4.65	81.1	18,900	270	4.20
9:25	6.83	0.00	13.26	0.8	1178	0.51	-551.2	6.3	0.72	43.06	2.08	123.56	20,250	270	4.20
9:30	6.83	0.00	13.33	0.5	1178	0.00	-561.0	9.8	0.54	33.3	1.95	6.7	21,600	270	4.20
9:35	6.83	0.00	13.35	0.1	1189	0.93	-560.0	1	0.38	42.11	1.63	19.63	22,950	270	4.20
9:40	6.83	0.00	13.54	1.4	1191	0.17	-564.1	4.1	0.27	40.7	1.76	7.4	24,300	270	4.20
9:45	6.83	0.00	13.66	0.9	1194	0.25	-563.7	0.4	0.18	50.00	1.86	5.38	25,650	270	4.20
9:50	6.83	0.00	13.43	1.7	1198	0.33	-562.7	1.0	0.15	20.0	2.18	14.7	27,000	270	4.20
9:53	6.83	0.00	13.32	0.8	1200	0.17	-564.0	1.3	0.14	7.14	1.64	32.93	27,810	270	4.20
9:56	6.83	0.00	13.33	0.1	1198	0.17	-561.0	3.0	0.13	7.7	0.83	97.6	28,620	270	4.20
9:59	6.83	0.00	13.40	0.5	1200	0.17	-562.3	1.3	0.13	0.00	0.75	10.67	29,430	270	4.20
10:40	Water level after sampling														4.06

Notes:

1) ***Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.**
2) **When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.**
3) **ft bgs - means "feet below ground surface".**
4) **NA - "Not Available"**
5) **PID = 0.4ppm(Headspace)**

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/08/1999
WEATHER: Overcast, 40 deg F
MONITORING WELL NO.: WC5-1D

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
9:51	7.34	NA	14.35	NA	13,309	NA	133.7	NA	4.01	NA	Cloudy	NA	NA	330	4.87
9:55	6.87	0.47	14.92	3.82	30,047	55.71	71.4	62.30	2.45	63.67	Cloudy	NA	1,650	340	4.87
10:00	6.87	0.00	14.74	1.22	30,681	2.07	97.6	26.20	1.07	128.97	Cloudy	NA	3,350	320	4.87
10:05	6.88	0.01	14.70	0.27	30,438	0.80	114.8	17.20	0.60	78.33	Cloudy	NA	4,950	330	4.87
10:10	6.86	0.02	14.75	0.34	30,321	0.39	119.3	4.50	0.44	36.36	Clearer	NA	6,600	330	4.87
10:15	6.86	0.00	14.70	0.34	30,233	0.29	124.2	4.90	0.47	6.38	Clear	NA	8,250	330	4.87
10:20	6.85	0.01	14.69	0.07	30,181	0.17	125.8	1.60	0.43	9.30	Clear	NA	9,900	330	4.87
10:25	6.85	0.00	14.65	0.27	30,117	0.21	127.6	1.80	0.44	2.27	Clear	NA	11,550	330	4.87

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/9/1999
WEATHER: Breezy, clear, humid, 90 deg F
MONITORING WELL NO.: WC5-1S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: A. Murphy, B. Cebula

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
10:05	7.98	NA	16.63	NA	160	NA	108.6	NA	1.96	NA	8.64	NA	NA	450	2.20
10:10	7.73	0.25	16.89	1.5	156	2.6	106.0	2.6	0.4	390.0	6.35	36.06	2,250	500	2.2
10:15	7.61	0.12	16.78	0.7	154	1.3	102.8	3.2	0.30	33.3	3.07	106.8	4,750	435	2.24
10:20	7.55	0.06	16.75	0.2	154	0.0	100.1	2.7	0.28	7.1	2.31	32.90	6,925	435	2.21
10:25	7.51	0.04	16.70	0.3	153	0.7	97.2	2.9	0.28	0.0	1.43	61.5	9,100	435	2.22
10:30	7.49	0.02	16.7	0.0	153	0.0	93.0	4.2	0.27	3.7	0.44	< 1 NTU	11,275	435	2.22
10:35	7.46	0.03	16.73	0.2	152	0.7	89.6	3.4	0.27	0.0	0.49	< 1 NTU	13,450	435	2.21
10:40	7.46	0.00	16.73	0.0	152	0.0	87.5	2.1	0.26	3.8	0.24	< 1 NTU	15,625	435	2.21

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/08/1999
WEATHER: Clear, Low 50s °F
MONITORING WELL NO.: WC5-2I

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading	%*	Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
13:00	6.51	NA	13.91	NA	1,298	NA	211.5	NA	3.79	NA	6.16	NA	NA	250	5.97
13:05	6.48	0.03	13.85	0.43	1,954	33.57	182.4	29.10	1.23	208.13	4.63	33.05	1,250	250	5.98
13:10	6.47	0.01	13.98	0.93	2,004	2.50	173.1	9.30	0.91	35.16	2.12	118.40	2,500	250	5.98
13:15	6.47	0.00	13.98	0.00	2,038	1.67	165.4	7.70	0.74	22.97	0.84	152.38	3,750	250	5.98
13:20	6.47	0.00	13.79	1.38	2,044	0.29	158.1	7.30	0.63	17.46	0.59	< 1 NTU	5,000	250	5.97
13:24	6.46	0.01	13.83	0.29	2,045	0.05	153.1	5.00	0.54	16.67	0.27	< 1 NTU	6,000	250	5.97
13:28	6.47	0.01	13.71	0.88	2,050	0.24	148.7	4.40	0.50	8.00	0.27	< 1 NTU	7,000	250	5.96
13:31	6.46	0.01	13.72	0.07	2,047	-0.15	146.3	2.40	0.47	6.38	0.29	< 1 NTU	7,750	250	5.96
13:36	6.47	0.01	13.42	2.24	2,050	0.15	140.4	5.90	0.45	4.44	0.29	< 1 NTU	9,000	250	5.96

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - "Not Recorded"
5) NA - "Not Available"

LOW FLOW RATE PURGING DATA SHEET

SITE: Stratford Army Engine Plant
DATE: 11/08/1999
WEATHER: Overcast
MONITORING WELL NO.: WC5-3S

ENVIRONMENTAL CONSULTING FIRM: URS Greiner Woodward Clyde
FIELD PERSONNEL: R. Colón, S. Vallianos

	pH (pH units) ± 0.1 pH unit		Temperature (degrees C) 3%		Specific Conductivity (mS/cm) 3%		Redox Potential (mV) ± 10 mV		Dissolved Oxygen (mg/L) 10%		Turbidity (NTU) 10% if > 1 NTU		Volume Water Removed	Pumping Rate	Water Elevation
TIME	Reading		Reading	%*	Reading	%*	Reading		Reading	%*	Reading	%*	(ml)	(ml/min)	(ft bgs)
11:30	6.47	NA	13.68	NA	609	NA	227.3	NA	6.30	NA	Cloudy	NA	NA	450	NR
11:35	5.84	0.63	17.17	20.33	433	40.65	231.0	3.70	1.28	392.19	Clear	NA	2,250	450	NR
11:40	5.84	0.00	17.26	0.52	452	4.20	230.6	0.40	1.08	18.52	Clear	NA	4,500	425	NR
11:45	5.85	0.01	17.28	0.12	460	1.74	230.9	0.30	0.84	28.57	Clear	NA	6,625	425	NR
15:48	5.85	0.00	17.33	0.29	462	0.43	231.0	0.10	0.74	13.51	Clear	NA	7,900	425	NR
11:51	5.85	0.00	17.33	0.00	465	0.65	231.0	0.00	0.69	7.25	Clear	NA	9,175	425	NR
11:54	5.86	0.01	17.39	0.35	466	0.21	230.9	0.10	0.64	7.81	Clear	NA	10,450	425	NR
11:57	5.86	0.00	17.36	0.17	467	0.21	230.9	0.00	0.64	0.00	Clear	NA	11,725	425	NR

Notes:

1) *Calculate percent difference by subtracting the current reading by the previous reading, dividing by the current reading and multiplying by 100.
2) When three consecutive readings are within EPA specifications, the monitoring well is stabilized and ready for sampling.
3) ft bgs - means "feet below ground surface".
4) NR - Not Recorded; Water elevation could not be measured because pump apparatus blocked the water table.
5) NA - "Not Available"