

2006 F.E. Walter Water Quality Profiles

Station	Date	Time	Depth	Temp	DO	DO	SpCond	pH	Turbidity +	Chloro.	
	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L	
WA-1 Outfall	7/19/2006	10:56:38	0	21.11	96.5	8.58	0.055	6.29	10.6	3	
	7/27/2006	9:57:25	0	21.57	95.1	8.39	0.054	6.18	9	2.2	
	8/24/2006	15:21:25	0	22.13	92	8.02	0.065	6.69		2.9	
	9/20/2006	15:18:42	0	16.89	98.4	9.53	0.053	6.38	3.2	4.1	
	10/18/2006	11:59:09	0	11.03	99.2	10.93	0.057	6.52	6.7	3.6	
	11/2/2006	11:06:05	0	8.78	117.4	13.64	0.047	6.39	3.2	34.1	
WA-2 Lake Tower		10:38:42	0	14.44	125	12.76	0.076	6.77	3	4	
		10:38:07	5	14.4	124.9	12.75	0.076	6.75	3	6.2	
		10:37:06	10	14.35	123	12.58	0.076	6.69	3.1	7	
		10:36:34	15	14.32	119.6	12.24	0.076	6.63	3	6.2	
		10:35:55	20	13.03	113.2	11.92	0.076	6.42	2.9	3.4	
		10:35:32	25	12.6	111.5	11.85	0.075	6.34	2.8	2.9	
		10:35:06	30	12.32	110.3	11.8	0.077	6.31	2.9	2.3	
		10:34:41	35	12	109.9	11.85	0.076	6.27	2.8	2	
		10:33:12	40	11.78	108.5	11.75	0.076	6.26	2.9	2.4	
		10:32:42	45	11.6	107.8	11.73	0.076	6.25	2.9	2	
		5/3/2006	10:32:13	50	11.37	107.8	11.79	0.076	6.22	2.9	2
			10:31:34	55	11.26	107.9	11.83	0.074	6.19	3	2.5
			10:30:58	60	11.22	107.9	11.84	0.075	6.2	3	2.1
			10:30:15	65	11.07	108	11.89	0.075	6.18	3	2.1
			10:29:40	70	11.02	107.8	11.88	0.073	6.12	2.9	1.8
			10:28:32	75	10.98	107.9	11.9	0.076	6.15	2.9	2.7
			10:28:05	80	10.95	107.5	11.87	0.075	6.05	3	2.6
			10:27:27	85	10.89	107.2	11.85	0.075	6.04	3	2.4
			10:26:57	90	10.89	107.3	11.86	0.075	5.99	3	2.5
			10:26:25	95	10.73	107	11.88	0.073	5.96	2.9	2.2
		10:25:42	100	10.42	104.8	11.71	0.071	5.94	2.9	2.3	
		10:25:12	105	10.4	101.6	11.36	0.071	5.98	3.9	2.4	
		10:24:37	110	9.92	96.8	10.94	0.072	5.97	4.2	2.1	
		10:23:21	113	9.78	94.2	10.68	0.074	5.92	26.6	3.3	
WA-2 Lake Tower		12:12:00	0	14.96	101.6	10.25	0.077	6.45	2.8	2.3	
		12:11:35	5	14.88	101.1	10.22	0.078	6.44	2.8	2.6	
		12:10:55	10	14.87	100.9	10.2	0.078	6.43	2.8	2.4	
		12:10:22	15	14.86	100.8	10.19	0.078	6.43	2.8	2.2	
		12:09:44	20	14.86	100.3	10.15	0.077	6.43	2.8	2.1	
		12:08:32	25	14.85	99.7	10.08	0.078	6.41	2.8	2.7	
		12:07:42	30	14.84	98.1	9.92	0.078	6.4	2.8	2.2	
		12:07:02	35	14.76	95.3	9.66	0.078	6.36	2.8	2	
		12:06:30	40	14.64	94.6	9.61	0.078	6.34	2.7	1.8	
		5/22/2006	12:05:57	45	14.45	95.7	9.76	0.078	6.34	2.7	2.4
			12:05:24	50	14.41	97.2	9.93	0.079	6.36	2.8	2.4
			12:04:45	55	14.22	98	10.04	0.079	6.39	3.1	3
			12:03:51	60	13.99	99.6	10.26	0.076	6.32	3.2	2
			12:03:16	65	13.95	101	10.42	0.078	6.4	3.3	2.2
			12:02:27	70	13.93	103.6	10.69	0.079	6.48	3.3	2.4
			12:02:01	75	13.87	103.5	10.7	0.08	6.51	3.3	2.8
			12:01:24	80	13.75	102.8	10.65	0.08	6.49	3.4	3
			12:01:00	85	13.68	102.6	10.64	0.079	6.48	3.5	3
		12:00:41	90	13.66	102.6	10.65	0.079	6.48	3.5	2.6	
		12:00:13	95	13.62	102.3	10.63	0.079	6.48	3.4	2.6	
		11:59:44	100	13.57	102.5	10.67	0.079	6.48	3.5	3.5	
		11:58:38	105	13.41	102.9	10.74	0.08	6.49	3.6	2.5	
		11:57:49	110	13.24	104.1	10.91	0.08	6.52	3.8	2.8	

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Station	Date	Time	Depth	Temp	DO	DO	SpCond	pH	Turbidity +	Chloro.
	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L
WA-2 Lake Tower Secchi 2.3 meters		11:21:52	0	23.69	112.1	9.49	0.078	6.73	1.8	2.3
		11:21:05	5	22.47	108.9	9.44	0.078	6.65	1.8	2.5
		11:19:42	10	18.68	108	10.08	0.077	6.53	1.9	3.2
		11:18:54	15	16.54	98.7	9.63	0.076	6.4	1.9	3.2
		11:18:06	20	15.82	94.8	9.4	0.076	6.33	1.8	2.5
		11:17:07	25	15.28	93.3	9.35	0.076	6.33	1.8	2.8
		11:15:08	30	14.93	92	9.29	0.077	6.32	1.7	2.1
		11:14:28	35	14.67	91.5	9.3	0.077	6.31	1.8	1.8
	6/1/2006	11:13:39	40	14.48	91.9	9.37	0.077	6.34	1.7	2.2
		11:12:36	45	14.39	91.4	9.33	0.077	6.31	1.8	2.2
		11:11:12	50	14.31	90.9	9.3	0.076	6.28	1.7	1.9
		11:10:03	55	14.25	89.9	9.21	0.076	6.27	1.8	1.9
		11:09:20	60	14.14	89.1	9.16	0.075	6.24	1.9	1.8
		11:08:31	65	14.06	89.3	9.18	0.076	6.27	1.8	1.5
		11:07:53	70	14	88.9	9.16	0.075	6.25	1.9	1.7
		11:07:11	75	13.93	87.9	9.08	0.075	6.25	2	1.6
		11:06:40	80	13.85	90	9.3	0.075	6.28	1.9	1.9
		11:05:59	85	13.73	89.2	9.25	0.075	6.27	2.1	1.7
		11:04:42	90	13.69	87.1	9.04	0.075	6.24	2.1	1.7
		11:03:55	95	13.57	87.8	9.14	0.076	6.3	2.1	1.9
	11:03:19	100	13.43	87.1	9.08	0.076	6.31	2.4	1.9	
	11:02:41	105	13.5	84	8.75	0.076	6.31	3.5	1.9	
	11:02:03	110	13.08	79.1	8.32	0.077	6.31	4.1	2.2	
	11:01:14	113	13.02	79	8.32	0.077	6.3	5.2	2.2	
WA-2 Lake Tower		13:58:52	0	24.57	115.5	9.62	0.078	6.8	2	3.6
		13:58:20	5	23.55	112.1	9.52	0.077	6.72	2	5.1
		13:57:22	10	22.41	101.6	8.81	0.077	6.54	1.9	3.2
		13:56:14	15	20.28	95.7	8.65	0.076	6.45	1.9	2.3
		13:55:06	20	19.33	86.5	7.97	0.076	6.34	1.9	2.2
		13:54:12	25	18.53	79.4	7.43	0.076	6.27	1.9	1.9
		13:53:12	30	17.98	74.8	7.09	0.077	6.25	1.9	2.1
		13:52:34	35	17.58	75.2	7.18	0.077	6.24	1.9	2.2
		13:51:15	40	17.29	76.7	7.37	0.077	6.23	1.9	2.2
	6/23/2006	13:50:41	45	17.04	76.9	7.42	0.076	6.22	1.9	2.3
		13:49:55	50	16.82	75.4	7.32	0.076	6.2	2	1.9
		13:49:16	55	16.63	73.6	7.17	0.078	6.22	1.9	2.2
		13:48:32	60	16.51	65.2	6.36	0.075	6.05	2.3	1.9
		13:47:31	65	16.43	65.3	6.39	0.075	6.03	2.4	1.5
		13:46:00	70	16.24	71	6.97	0.077	6.17	2.1	1.9
		13:45:00	75	16.05	69.5	6.85	0.077	6.16	2.2	2.1
		13:44:17	80	15.98	67	6.62	0.078	6.18	2.4	2.3
		13:43:24	85	15.9	66.3	6.55	0.078	6.18	2.5	1.6
		13:42:44	90	15.91	65.5	6.47	0.078	6.19	3.6	2.2
		13:42:11	95	15.8	65	6.44	0.079	6.19	17	3.6
	13:40:40	100	15.79	62.5	6.2	0.079	6.21	10.6	2.3	
	13:40:01	105	15.71	58.4	5.8	0.079	6.23	71.1	4.8	
	13:39:04	110	15.46	49	4.89	0.08	6.26	8.6	3.4	
	13:38:26	112	15.31	46	4.61	0.081	6.27	803.7	10.6	

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	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L	
WA-2 Lake Tower		9:23:12	0	26.94	91.1	7.26	0.049	6.32	3.1	6.2	
		9:22:02	5	26.89	85.9	6.86	0.049	6.26	3.2	4.9	
		9:21:10	10	24.31	60.5	5.06	0.049	5.94	3.6	4.9	
		9:20:02	15	23.39	52.7	4.49	0.049	5.9	2.6	3.9	
		9:18:28	20	22.76	48.8	4.2	0.051	5.95	2.9	3.7	
		9:16:49	25	22.24	47.8	4.16	0.05	5.85	3.3	3.3	
		9:15:27	30	22.01	45.7	4	0.049	5.81	3.2	3.5	
		9:14:06	35	21.8	45	3.95	0.048	5.8	2.8	3.7	
		9:13:19	40	21.63	43.9	3.87	0.048	5.77	3.8	4.2	
		9:12:26	45	21.54	43.7	3.86	0.049	5.78	3.6	3.8	
		9:11:41	50	21.44	43.3	3.83	0.048	5.74	3.2	3.7	
		7/19/2006	9:11:04	55	21.41	43.9	3.89	0.047	5.74	2.7	3.5
			9:10:29	60	21.48	43.9	3.88	0.048	5.76	3	3.5
			9:07:39	70	21.12	42.3	3.76	0.049	5.82	3.9	4
	Secchi 1.05 M		9:06:30	75	21	43.5	3.87	0.052	5.92	5.3	2.9
			9:03:56	80	20.99	43.7	3.9	0.051	5.92	5.2	3.5
			9:02:32	85	21	44.5	3.96	0.052	5.94	4.8	2.9
			9:01:17	90	20.82	45.7	4.09	0.054	6	6.6	3.1
			9:00:17	95	20.74	45	4.03	0.057	6.02	7.7	2.5
		8:58:58	100	20.66	45.5	4.08	0.058	6.03	8.5	2.3	
		8:57:47	105	20.52	46.8	4.21	0.059	6.07	10.9	2.2	
	8:56:36	110	20.48	50.3	4.53	0.06	6.09	11.5	3		
	8:55:31	115	20.09	45.6	4.13	0.063	6.18	19.2	2.7		
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WA-2 Lake Tower		11:21:43	0	26.25	87.2	7.04	0.051	6.39	2.7	3.8	
		11:20:51	5	25.03	76	6.28	0.051	6.24	2.8	4.1	
		11:20:03	10	24.01	52.4	4.41	0.05	5.98	2.9	4.7	
		11:19:10	15	23.52	36	3.06	0.052	5.9	2.9	4.2	
		11:18:28	20	22.96	39.1	3.36	0.056	6.02	2.7	4.4	
		11:17:45	25	22.81	38.7	3.33	0.055	5.99	2.8	3.9	
		11:17:07	30	22.58	38.1	3.29	0.054	5.98	2.7	3.4	
		11:16:17	35	22.42	35.8	3.1	0.054	5.95	2.5	3.3	
		11:15:42	40	22.23	33	2.87	0.052	5.84	3	3.1	
		11:15:03	45	22.1	37.5	3.27	0.055	5.97	3.2	3	
		7/27/2006	11:14:09	50	21.97	39.4	3.45	0.056	6.02	3.2	2.8
			11:13:33	55	21.91	37.3	3.27	0.054	5.96	3.3	2.8
			11:13:00	60	21.87	35.2	3.08	0.054	5.94	3.5	2.9
			11:12:26	65	21.77	33.9	2.98	0.052	5.84	4	2.1
			11:11:35	70	21.71	35.5	3.12	0.052	5.84	4.7	2.4
			11:10:31	75	21.62	36.7	3.23	0.051	5.79	5.8	2.3
			11:09:48	80	21.56	39.1	3.45	0.051	5.82	6.7	2.4
			11:08:11	85	21.35	45.5	4.02	0.053	5.91	7.8	2.5
			11:07:29	90	21.18	50.2	4.46	0.055	6.07	8.5	2.3
		11:06:39	95	21.01	50.4	4.49	0.056	6.09	9	2.4	
		11:06:00	100	20.94	51.1	4.56	0.056	6.08	9.9	2.8	
		11:05:07	105	20.89	50.2	4.49	0.056	6.11	11.9	2	
		11:04:08	107	20.66	43.5	3.91	0.059	6.14	25	4	

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Station	Date	Time	Depth	Temp	DO	DO	SpCond	pH	Turbidity +	Chloro.	
	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L	
WA-2 Lake Tower		13:27:44	0	24.16	83.4	7	0.055	6.43		6.8	
		13:25:55	5	23.73	76.1	6.44	0.055	6.33		7.5	
		13:24:56	10	23.7	74.8	6.33	0.055	6.29		7.4	
		13:23:32	15	23.34	55.7	4.75	0.055	6.16		6.2	
		13:22:14	20	23.24	40.9	3.49	0.055	6.09		4.3	
		13:20:15	25	23.12	32.2	2.76	0.055	6.02		4.1	
		13:18:59	30	23.04	23	1.98	0.055	6.02		4.2	
		13:17:34	35	22.91	14.8	1.27	0.056	5.99		3.4	
	8/24/2006	13:16:13	40	22.78	16.4	1.41	0.056	5.99		3.3	
		13:14:25	45	22.74	16.5	1.42	0.056	6.01		3.4	
		13:13:34	50	22.67	16.6	1.43	0.056	6.01		3	
	Secchi 1.55 M		13:12:29	55	22.45	17.8	1.54	0.057	6.04		3.1
			13:10:41	60	22.39	21	1.82	0.058	6.09		2.7
			13:09:07	65	22.27	23.2	2.02	0.06	6.15		2.4
			13:07:38	70	22.21	28.3	2.46	0.061	6.21		3
			13:06:14	75	22.15	32.8	2.86	0.064	6.29		2.8
		13:04:32	80	22.04	38.6	3.38	0.067	6.35		3.4	
		13:03:16	85	21.74	38.9	3.42	0.069	6.39		2.8	
		13:02:25	90	21.68	41.4	3.64	0.07	6.42		3	
		13:01:14	95	21.52	41.7	3.68	0.071	6.45		3.9	
		13:00:13	100	21.38	42.1	3.73	0.072	6.47		4	
WA-2 Lake Tower		13:37:53	0	18.74	83.1	7.75	0.054	6.36	2.1	4	
		13:36:22	5	18.59	77.8	7.28	0.054	6.32	2	4.3	
		13:35:23	10	18.29	71.6	6.73	0.055	6.27	1.7	3.9	
		13:34:23	15	17.9	67.9	6.44	0.056	6.24	1.6	3.6	
		13:33:37	20	17.51	67.5	6.46	0.058	6.3	1.5	3.6	
		13:32:27	25	17.44	68.4	6.55	0.058	6.31	1.5	3.9	
		13:31:47	30	17.37	69.2	6.64	0.059	6.31	1.6	3.8	
		13:30:53	35	17.28	71	6.82	0.058	6.31	1.7	3.7	
		13:29:57	40	17.24	70.5	6.78	0.059	6.32	1.6	3.9	
	9/20/2006	13:28:42	45	17.19	70.2	6.75	0.058	6.33	1.7	3.7	
		13:27:23	50	17.14	76.3	7.35	0.056	6.35	2.1	3.9	
		13:26:21	55	17.07	76.4	7.38	0.056	6.34	2.2	4.3	
	Secchi 2.0 M		13:24:31	60	16.96	80.5	7.79	0.055	6.37	2.3	4.5
			13:23:26	65	16.87	81.7	7.92	0.054	6.35	2.3	4.9
			13:22:30	70	16.77	80.7	7.84	0.054	6.34	2.4	4.5
			13:21:30	75	16.67	81	7.88	0.054	6.31	2.5	4.5
		13:19:59	80	16.64	80.2	7.81	0.052	6.27	2.5	4.1	
		13:19:14	85	16.58	80.1	7.81	0.05	6.27	2.7	3.6	
		13:18:24	90	16.53	81.2	7.92	0.053	6.27	3	3.4	
		13:16:06	95	16.4	78.7	7.7	0.051	6.24	4.3	3.7	
		13:15:01	100	16.29	76.3	7.48	0.052	6.24	6.9	3.7	
		13:13:48	105	16.26	74.6	7.32	0.052	6.24	8	4	
	13:12:05	110	16.24	69.1	6.79	0.053	6.24	11.4	4		
	13:10:24	116	16.16	54.5	5.36	0.056	6.26	28.9	4.6		

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Station	Date	Time	Depth	Temp	DO	DO	SpCond	pH	Turbidity +	Chloro.
	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L
WA-2 Lake Tower Secchi 1.30 M		13:05:26	0	13	84.8	8.93	0.051	6.47	4.3	4.7
		13:04:05	5	11.87	84.3	9.11	0.054	6.52	4.5	3.2
		13:02:53	10	11.63	86.5	9.39	0.055	6.53	4.7	3.1
		13:01:05	15	10.81	90.5	10.03	0.058	6.58	6	3.1
	10/18/2006	12:59:54	20	10.48	91.5	10.21	0.059	6.58	7.1	3.4
		12:59:06	25	10.37	91.5	10.23	0.06	6.57	8.1	3.4
		12:57:51	30	10.37	91.2	10.2	0.06	6.55	7.8	3.4
		12:56:05	35	10.29	90.6	10.16	0.06	6.5	8.6	3.7
		12:54:45	40	9.77	88.7	10.07	0.059	6.46	10.9	3.4
		12:53:30	45	9.48	86.8	9.92	0.06	6.43	11.6	3.3
	12:52:21	50	9.36	81.7	9.36	0.062	6.42	25.4	3.2	
	12:50:43	54	9.46	80.1	9.16	0.062	6.45	38.2	4.3	
WA-2 Lake Tower Secchi 2.1 M		12:04:57	0	9.09	112.9	13.03	0.045	6.43	2.1	3.1
		12:04:13	5	8.94	113	13.08	0.046	6.48	2.1	3.4
		12:03:30	10	8.95	112.9	13.07	0.048	6.48	2.1	4.2
		12:02:00	15	8.93	112.9	13.07	0.049	6.48	2.1	3.6
	11/2/2006	12:01:08	20	8.93	113	13.08	0.049	6.48	2.2	3.7
		12:00:30	25	8.93	113	13.08	0.049	6.46	2.3	3.9
		11:59:54	30	8.92	112.9	13.08	0.049	6.45	2.3	3.9
		11:59:14	35	8.87	112.8	13.08	0.049	6.42	2.5	3.9
		11:58:27	40	8.8	112.4	13.06	0.048	6.39	2.1	3.8
		11:57:30	45	8.75	111.4	12.96	0.047	6.32	2.5	3.4
		11:56:44	50	6.56	108.8	13.36	0.048	6.29	5	3.5
		11:56:05	53	6.43	110	13.54	0.05	6.31	7.1	4.4
WA-3 Tobychanna Creek Upstream	7/19/2006	7:07:07	0	21.33	102.4	9.07	0.065	6.67	4.1	3.5
	8/24/2006	11:34:54	0	18.82	98.7	9.18	0.084	7.47	1.6	2.4
	9/20/2006	11:29:39	0	15.83	94.3	9.34	0.066	6.51	2.2	6.3
	10/18/2006	11:33:35	0	11.38	99.8	10.91	0.068	6.7	3.2	5.6
	11/2/2006	10:40:38	0	7.35	117.3	14.11	0.064	6.4	2.1	5.3
WA-4 Lehigh River Upstream	7/19/2006	7:25:14	0	21.24	86.2	7.65	0.065	6.7	3.2	3.7
	8/24/2006	11:21:39	0	18.69	115.8	10.8	0.077	7.63	1.7	1.3
	9/20/2006	11:12:52	0	14.64	98.4	10	0.05	6.52	1.6	3.1
	10/18/2006	11:18:13	0	10.89	101.1	11.18	0.055	6.9	2.7	4.3
	11/2/2006	10:25:01	0	7.96	118.5	14.04	0.047	6.18	3.2	3.5
WA-5 Bear Creek Upstream	7/19/2006	7:52:58	0	22.25	94.9	8.26	0.041	6.17	2.4	1.7
	8/24/2006	10:57:35	0	18.24	95.6	9	0.071	7.44	1.7	1.1
	9/20/2006	10:47:56	0	15.65	95.2	9.46	0.041	7.23	1.8	2.5
	10/18/2006	10:58:08	0	9.72	99.8	11.34	0.048	7.82	1.9	1.9
	11/2/2006	10:05:15	0	8.62	94.7	11.05	0.039	6.2	2.2	2.6

2006 F.E. Walter Water Quality Profiles

Station	Date	Time	Depth	Temp	DO	DO	SpCond	pH	Turbidity +	Chloro.
	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L
WA-6 Bear Creek Lake Arm		10:13:08	0	27.33	95.5	7.57	0.049	6.41	3.7	6.8
		10:11:11	5	26.89	88	7.03	0.049	6.3	3.6	5.8
		10:10:10	10	24.42	61.4	5.13	0.049	5.96	4.2	4.2
		10:09:23	15	23.3	50.1	4.27	0.05	5.91	3	4
		10:08:13	20	22.81	45.1	3.88	0.051	5.86	3.2	3
		10:06:59	25	22.32	45.2	3.93	0.05	5.83	3.6	3.9
	7/19/2006	10:06:19	30	21.93	42.7	3.74	0.05	5.79	3.7	3.6
		10:05:14	35	21.72	40.3	3.54	0.05	5.78	3.1	3.3
		10:04:18	40	21.6	42.4	3.73	0.049	5.77	3	3.9
		10:03:34	45	21.51	42	3.71	0.049	5.82	4.3	3.4
		10:02:13	50	21.42	41.2	3.64	0.049	5.8	3.8	3.5
		10:01:11	55	21.27	41.3	3.66	0.051	5.91	4.1	3.3
		10:00:12	60	21.18	38.4	3.41	0.052	5.88	4.8	2.6
		9:59:05	65	21.09	42.4	3.77	0.053	5.94	4.3	3
		9:58:21	70	21.06	48.4	4.31	0.055	6.06	5.6	2.5
		9:56:38	75	20.97	41.5	3.7	0.055	6	6.5	2.8
		9:55:45	80	20.85	40.2	3.59	0.055	6.02	8.8	2.5
	9:54:51	85	20.69	35.9	3.22	0.056	6.02	22.1	3.6	

WA-6 Bear Creek Lake Arm		14:36:12	0	25.71	89.7	7.32	0.055	6.46	3.7	7.1
		14:34:55	5	23.76	77	6.51	0.055	6.35	3.3	8.8
		14:33:50	10	23.7	75.4	6.38	0.055	6.28	3.2	7.4
		14:31:37	15	23.39	55.8	4.75	0.055	6.12	2.9	6.1
		14:29:53	20	23.17	34.4	2.94	0.055	6	3.1	4.1
		14:28:25	25	23.12	29.5	2.53	0.055	5.99	3.2	3.6
	8/24/2006	14:27:09	30	23	24.5	2.1	0.055	5.98	3.6	3.1
		14:25:49	35	22.93	21	1.8	0.055	6.01	3.7	4.1
		14:24:52	40	22.81	23.6	2.03	0.059	6.06	3.1	3.1
		14:23:29	45	22.75	26.5	2.29	0.06	6.08	3.4	3.1
		14:21:53	50	22.59	20	1.73	0.058	6.01	2.8	2.7
		14:20:14	55	22.5	20.6	1.79	0.058	5.99	4.1	3
		14:18:48	60	22.42	23.4	2.03	0.058	6.01	5.2	3.4
		14:17:14	65	22.35	23.1	2.01	0.057	6	5.8	2.9
	14:15:46	70	22.14	20.5	1.79	0.058	6.04	11.9	3.9	
	14:14:41	75	21.94	19.8	1.73	0.061	6.17	330.6	-0.6	

WA-6 Bear Creek Lake Arm		14:31:08	0	18.61	81.9	7.65	0.054	6.35	2	4.8
		14:29:53	5	18.63	80.6	7.54	0.054	6.31	2.1	4.1
		14:28:49	10	18.38	71.8	6.75	0.054	6.25	1.8	4.3
		14:28:04	15	17.68	67.8	6.46	0.056	6.23	1.7	3.7
		14:27:12	20	17.54	67.8	6.48	0.057	6.25	1.7	3.6
		14:25:54	25	17.43	70.6	6.77	0.057	6.27	1.8	3.9
	9/20/2006	14:24:54	30	17.38	72.2	6.92	0.056	6.28	2	3.9
		14:23:17	35	17.31	73.3	7.04	0.056	6.25	2	4.1
		14:22:21	40	17.28	70.9	6.81	0.057	6.2	1.9	3.7
		14:20:54	45	17.14	66.6	6.42	0.053	6.11	2	2.8
		14:19:51	50	17.08	68.4	6.6	0.052	6.09	2.1	2.7
		14:18:29	55	16.95	71.7	6.94	0.049	6.06	2.4	2.9
		14:17:31	60	16.93	71.8	6.95	0.049	6.08	2.3	2.5
		14:16:17	65	16.92	72.3	7	0.048	6.06	2.3	2.9
		14:15:34	70	16.86	73	7.07	0.047	6.06	2.5	3
	14:14:09	75	16.78	74.1	7.19	0.046	6.09	2.8	2.5	
	14:13:17	80	16.66	74.5	7.25	0.046	6.14	3.4	2.5	
	14:11:31	87	16.56	77.5	7.56	0.047	6.3	4.3	3.2	

2006 F.E. Walter Water Quality Profiles

Station	Date	Time	Depth	Temp	DO	DO	SpCond	pH	Turbidity +	Chloro.
	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L
WA-6 Bear Creek Lake Arm		13:46:57	0	13.01	84.7	8.93	0.051	6.28	4.9	4.8
		13:45:29	5	12.08	84.5	9.09	0.05	6.25	5.9	3.6
		13:44:19	10	11.39	87.2	9.52	0.051	6.24	6	3.1
	10/18/2006	13:43:07	15	10.81	88.1	9.75	0.048	6.2	8.8	2.6
		13:42:02	20	10.59	89.3	9.94	0.047	6.19	8.5	2.5
		13:40:43	25	10.43	90.8	10.14	0.047	6.23	9	2.7
		13:39:45	30	10.17	90.5	10.17	0.046	6.26	19.7	2.7
		13:38:50	35	10.14	88.7	9.98	0.046	6.32	43.4	3.1
WA-6 Bear Creek Lake Arm		12:44:40	0	8.58	113	13.19	0.041	6.23	2.5	2.3
		12:43:48	5	8.5	112.9	13.21	0.04	6.25	2.5	2.3
	11/2/2006	12:42:56	10	8.45	112.8	13.22	0.04	6.3	2.5	2.7
		12:41:34	15	8.34	112.3	13.19	0.041	6.46	3.3	2.4
		12:40:41	20	8.26	111.9	13.17	0.044	6.53	5	3.2
		12:39:16	25	7.9	111.7	13.26	0.05	6.56	19.2	3.7
WA-7 Lehigh Lake Arm		9:49:33	0	26.99	90.9	7.24	0.051	6.4	3.9	7.6
		9:48:14	5	26.75	85.5	6.85	0.051	6.35	4.1	5.2
		9:47:09	10	24.54	59.7	4.98	0.05	6.02	4.1	4.2
		9:46:28	15	23.3	52.3	4.46	0.051	5.97	3.3	4.3
		9:45:27	20	22.6	49.1	4.24	0.052	5.96	3.5	3.3
		9:44:45	25	22.17	47.3	4.13	0.052	5.94	3.5	3.3
		9:44:04	30	21.94	46.4	4.06	0.052	5.96	4	3.4
	7/19/2006	9:43:25	35	21.77	45.4	3.99	0.052	5.96	4.3	3.3
		9:42:44	40	21.65	43	3.79	0.052	5.97	4.1	3.2
		9:42:03	45	21.49	44.3	3.91	0.052	5.97	4.4	3.4
		9:40:09	50	21.37	44.9	3.97	0.051	5.94	4.2	3.9
		9:39:33	55	21.31	49.6	4.4	0.055	6.09	4.6	3
		9:38:46	60	21.26	49.6	4.4	0.056	6.1	5.3	2.6
		9:38:14	65	21.19	49.8	4.42	0.059	6.12	5.3	3.2
		9:37:38	70	21.14	49.2	4.38	0.06	6.14	7.6	2.6
		9:36:54	75	21.07	46.4	4.13	0.06	6.14	6.8	2.1
		9:35:39	80	20.95	39.5	3.52	0.062	6.15	10.5	2.4
		9:34:32	85	20.54	21.3	1.91	0.065	6.17	14.1	3
		9:33:45	90	20.19	17.1	1.55	0.069	6.31	1138	8.9
	9:33:07	91	20.18	17.5	1.58	0.068	6.31	16.3	1.6	
WA-7 Lehigh Lake Arm		14:06:46	0	24.73	85.4	7.09	0.055	6.46	3.8	8.5
		14:05:18	5	23.89	76.2	6.43	0.055	6.36	3.8	8.1
		14:03:57	10	23.7	70.6	5.98	0.055	6.28	3.6	7.8
		14:01:58	15	23.43	51.7	4.4	0.055	6.15	2.8	5.5
		14:00:42	20	23.28	33.9	2.9	0.055	6.08	2.5	4.3
		13:59:46	25	23.13	31.3	2.68	0.06	6.12	3.1	3.8
	8/24/2006	13:59:01	30	23.06	31	2.66	0.06	6.11	3.7	3.2
		13:57:19	35	22.93	22.9	1.97	0.059	6.06	3.1	2.9
		13:56:21	40	22.86	19.4	1.67	0.058	6.03	2.7	3.4
		13:55:18	45	22.74	18.7	1.61	0.058	6.05	2.5	3
		13:53:21	50	22.6	19.8	1.71	0.059	6.1	2.7	2.7
		13:51:56	55	22.52	24.5	2.12	0.061	6.16	3	2.5
		13:50:17	60	22.44	33	2.86	0.063	6.25	4.4	2.8
		13:49:05	65	22.32	41.4	3.6	0.066	6.29	5.4	3
		13:47:56	70	22.08	44.9	3.92	0.068	6.31	11.3	374
	13:46:11	74	21.49	41.5	3.67	0.075	6.34	29.5	4.6	

2006 F.E. Walter Water Quality Profiles

Station	Date	Time	Depth	Temp	DO	DO	SpCond	pH	Turbidity +	Chloro.
	M/D/Y	hh:mm:ss	ft	C	%	mg/L	mS/cm		NTU	ug/L
WA-7 Lehigh Lake Arm		13:59:51	0	18.63	84.1	7.86	0.054	6.42	2.1	4.6
		13:58:54	5	18.61	83.6	7.82	0.054	6.41	2.1	4.4
		13:57:50	10	18.54	82.2	7.7	0.054	6.38	2	4.5
		13:56:45	15	18.22	79.8	7.52	0.055	6.37	1.9	4.4
		13:55:56	20	17.7	71.7	6.83	0.056	6.32	1.9	4.2
		13:55:11	25	17.58	74.6	7.12	0.056	6.35	1.9	3.6
	9/20/2006	13:54:19	30	17.45	78.7	7.54	0.056	6.4	2	4.1
		13:53:40	35	17.35	80.2	7.69	0.055	6.44	2.1	5.1
		13:52:42	40	17.28	82	7.88	0.055	6.43	2.2	4.8
		13:52:02	45	17.23	82.6	7.95	0.055	6.44	2.4	4.9
		13:51:23	50	17.17	83	8	0.055	6.45	2.5	4.8
		13:50:43	55	17.09	83.1	8.02	0.055	6.44	2.6	4.9
		13:49:55	60	16.92	82.7	8.01	0.055	6.42	3.3	4.9
		13:49:20	65	16.85	81.7	7.92	0.055	6.4	3.5	4.6
	13:48:27	70	16.71	79.1	7.69	0.055	6.36	4.2	4.9	
	13:46:03	80	16.61	78.9	7.69	0.055	6.38	4.1	4.8	
	13:44:45	87	16.46	75.7	7.4	0.056	6.42	10.4	5.1	

WA-7 Lehigh Lake Arm		13:27:18	0	12.84	86	9.09	0.052	6.55	4.1	5.8
		13:25:26	5	12.7	87	9.23	0.053	6.62	4.2	5.9
	10/18/2006	13:24:36	10	12.31	89.3	9.56	0.055	6.67	4.6	5
		13:23:24	15	11.77	94.3	10.22	0.058	6.71	5.7	4.5
		13:22:36	20	11.21	96.4	10.58	0.06	6.71	7.9	4.6
		13:21:22	25	11.03	95.3	10.5	0.06	6.66	27.2	4.8
		13:20:00	27	10.96	94.9	10.48	0.06	6.64	149.9	7.9

WA-7 Lehigh Lake Arm		12:21:49	0	7.99	114.3	13.54	0.053	6.68	3.4	4.1
		12:20:49	5	7.96	114.6	13.58	0.053	6.68	3.5	4.2
	11/2/2006	12:20:06	10	7.92	114.8	13.62	0.053	6.68	4	3.8
		12:18:21	15	7.86	114.4	13.6	0.053	6.68	3.8	4.2
		12:17:37	20	7.85	113.6	13.5	0.053	6.67	7.2	4.6
		12:16:37	25	7.85	110	13.07	0.053	6.65	484.2	16.5
		12:16:04	27	7.84	110.5	13.14	0.054	6.43	4.4	2.9