

WAQ 1 Appendix 6

*Results of In Situ Measurements of Lewis River Monitoring Sites,
May 1999 – April 2000*

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
PINCM	Per	5/18/99 15:30	0	7.5	7.7	53	11.4	98%	101%	
PINCM	Per	6/22/99 16:20	0	10.7	7.8	76	11.1	104%		
PINCM	Per	7/20/99 13:55	0	13.1	6.9	88	9.8	96%		Hydrolab pH unreliable, Lab pH reported.
PINCM	Per	8/25/99 14:00	0	12.4	7.6	91	9.6	93%		Hydrolab pH unreliable, Lab pH reported.
PINCM	Per	9/22/99 9:00	0	7.3		93	11.1	95%		Hydrolab pH unreliable.
PINCM	Per	10/20/99 9:20	0	5.7	7.4	96	12.1	100%		
PINCM	Per	11/22/99 10:00	0	3.9	7.6	66	11.9	94%		
PINCM	Per	12/19/99 13:45	0	5.2	7.2	41	12.2	99%		
PINCM		1/20/00								Not accessible
PINCM		2/22/00								Not accessible
PINCM	Per	3/21/00 9:40	0	5.2	7.8	56	13.1	107%		
PINCM	Per	4/18/00 14:25	0	9.1	7.7	58	10.9	99%		
SWREI	Per	5/18/99 15:10	0	6.4	7.4	28	12.0	101%	102%	
SWREI	Per	6/22/99 16:45	0	8.7	7.5	29	12.0	107%		
SWREI	Per	7/20/99 14:15	0	11.5	6.9	37	10.1	97%		Hydrolab pH unreliable, Lab pH reported.
SWREI	Per	8/25/99 14:25	0	13.6	7.4	56	9.6	96%		Hydrolab pH unreliable, Lab pH reported.
SWREI	Per	9/22/99 9:40	0	8.8		65	10.6	95%	101%	Hydrolab pH unreliable.
SWREI	Per	10/20/99 9:40	0	5.4	7.4	68	12.2	100%		
SWREI	Per	11/22/99 10:30	0	3.7	7.5	40	11.9	93%		
SWREI	Per	12/19/99 14:20	0	4.6	7.4	30	12.3	99%		
SWREI		1/25/00								Not accessible
SWREI	Per	2/22/00 10:10	0	3.8	7.3	41	12.0	94%		
SWREI	Per	3/21/00 11:05	0	4.5	7.8	38	13.1	105%		
SWREI	Per	4/18/00 15:05	0	7.0	7.6	31	11.5	98%		
DRICM	Per	6/22/99 15:30	0	9.6	7.7	32	12.7	116%		
DRICM	Per	7/20/99 10:45	0	12.8	7.4	47	10.1	99%		Hydrolab pH unreliable, Lab pH reported.
DRICM	Per	8/26/99 13:00	0	15.4	7.4	55	9.3	96%		Hydrolab pH unreliable, Lab pH reported.
DRICM	Per	9/21/99 13:15	0	12.7	7.0	59	9.7	95%		Hydrolab pH unreliable, Lab pH reported.
DRICM	Per	10/20/99 13:35	0	8.2	7.6	60	11.7	103%		
DRICM	Per	11/22/99 15:00	0	4.4	7.4	33	11.8	94%		
DRICM		12/20/99								Could not monitor in December.
DRICM		1/25/00								Could not monitor in January
DRICM		2/2/22/00								Could not monitor in February
DRICM		3/21/00								Could not monitor in March
DRICM	Per	4/18/00 13:25	0	6.1	7.5	27	11.9	100%		
SWICM	Per	6/22/99 14:30	0	7.1	7.5	42	14.1	121%		
SWICM	Per	7/20/99 11:20	0	7.7	6.1	50	11.4	99%		Hydrolab pH unreliable, Lab pH reported.
SWICM	Per	8/26/99 12:15	0	7.8	7.4	55	11.3	99%		Hydrolab pH unreliable, Lab pH reported.
SWICM	Per	9/21/99 12:30	0	7.6	7.0	57	11.1	96%		Hydrolab pH unreliable, Lab pH reported.
SWICM	Per	10/20/99 12:40	0	6.1	7.3	60	12.1	101%		
SWICM	Per	11/22/99 13:50	0	3.9	7.5	45	12.2	96%		
SWICM	Per	12/20/99								Could not monitor in December.
SWICM		1/25/00								Could not monitor in January
SWICM		2/2/22/00								Could not monitor in February
SWICM		3/21/00								Could not monitor in March
SWICM	Per	4/18/00 12:45	0	5.7	7.5	41	12.2	101%		
SW1TR	Per	5/18/99 14:15	0	7.3	7.3	35	12.7	107%	105%	
SW1TR	Per	6/23/99 15:20	0	10.5	7.2	30			104%	
SW1TR	Per	7/21/99 9:00	0	9.8	6.7	34	12.8	115%	109%	Hydrolab pH unreliable, Lab pH reported.
SW1TR	Per	8/25/99 13:00	0	11.3	7.2	36	10.5	98%		Hydrolab pH unreliable, Lab pH reported.
SW1TR	Per	9/22/99 10:45	0	11.6		39	10.9	103%	114%	Hydrolab pH unreliable.

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
SW1TR	Per	10/20/99 15:10	0	12.6	7.2	45	10.1	97%	100%	
SW1TR	Per	11/23/99 8:10	0	8.4	7.3	40	11.7	102%	115%	
SW1TR	Per	12/20/99 11:15	0	5.6	7.1	36	10.9	89%	98%	
SW1TR	Per	1/25/00 9:50	0	4.1	7.2	35	12.1	95%	103%	
SW1TR	Per	2/22/00 11:15	0	3.9	7.3	36	11.9	93%	100%	
SW1TR	Per	3/21/00 15:00	0	4.4	7.6	37	12.4	98%	99%	
SW1TR	Per	4/18/00 16:00	0	7.0	7.5	37	12.7	107%	119%	
SW2BL	Per	5/18/99 16:30	0	7.3	7.2	23	12.1	102%	101%	
SW2BL	Per	6/23/99 16:05	0	13.2	7.4	43				
SW2BL	Per	7/21/99 10:00	0	12.6	7.0	48	10.3	99%		Hydrolab pH unreliable, Lab pH reported.
SW2BL	Per	8/25/99 15:15	0	15.5	7.4	48	10.5	107%		Hydrolab pH unreliable, Lab pH reported.
SW2BL	Per	9/22/99 11:30	0	13.1		48	10.3	100%		Hydrolab pH unreliable.
SW2BL	Per	10/20/99 16:15	0	11.1	7.2	50	11.2	103%		
SW2BL	Per	11/22/99 16:20	0	6.6	7.1	32	11.3	94%		
SW2BL	Per	12/19/99 15:00	0	6.7	7.3	28	11.6	97%		
SW2BL	Per	1/25/00 11:25	0	4.9	7.2	32	12.1	96%		
SW2BL	Per	2/22/00 12:10	0	5.7	7.3	32	11.7	94%		
SW2BL	Per	3/21/00 12:55	0	6.8	7.6	30	13.1	109%		
SW2BL	Per	4/18/00 16:50	0	8.2	7.1	28	10.5	91%		
OLECM	Per	5/18/99 17:15	0	6.5	7.1	17	12.4	103%	100%	
OLECM	Per	6/23/99 16:30	0	12.1	7.1	26				
OLECM	Per	7/21/99 10:40	0	12.4	6.9	33	9.1	87%		Hydrolab pH unreliable, Lab pH reported.
OLECM	Per	8/25/99 15:30	0	14.9	6.9	42	7.3	74%		Hydrolab pH unreliable, Lab pH reported.
OLECM	Per	9/22/99 12:00	0	13.8		50	4.4	44%		Hydrolab pH unreliable.
OLECM	Per	10/20/99								Ole Cr. was dry.
OLECM	Per	11/22/99 16:45	0	6.0	7.2	24	11.6	95%		
OLECM	Per	12/19/99 15:30	0	6.6	7.0	24	11.9	99%		
OLECM	Per	1/25/00 12:05	0	4.4	7.2	23	12.0	95%		
OLECM	Per	2/22/00 12:45	0	5.1	7.3	21	11.6	92%		
OLECM	Per	3/21/00 12:20	0	5.9	7.6	21	12.9	106%		
OLECM	Per	4/18/00 17:25	0	8.3	7.2	22	11.1	97%		
SW2TR	Per	5/18/99 13:30	0	7.4	7.3	34	12.4	105%	105%	
SW2TR	Per	6/23/99 14:45	0	10.2	7.2	29			108%	
SW2TR	Per	7/21/99 11:10	0	9.3	7.2	35	12.2	108%	118%	Hydrolab pH unreliable, Lab pH reported.
SW2TR	Per	8/25/99 12:35	0	11.3	7.2	36	10.5	98%		Hydrolab pH unreliable, Lab pH reported.
SW2TR	Per	9/22/99 12:30	0	11.1		38	10.0	92%	104%	Hydrolab pH unreliable.
SW2TR	Per	10/20/99 17:00	0	12.9	7.3	44	10.8	104%	103%	
SW2TR	Per	11/23/99 8:45	0	8.4	7.3	39	12.4	108%	123%	
SW2TR	Per	12/20/99 12:30	0	5.6	7.4	36	11.2	91%	99%	
SW2TR	Per	1/25/00 13:05	0	4.3	7.5	35	12.6	99%	102%	
SW2TR	Per	2/22/00 13:55	0	3.9	7.4	35	12.2	94%	102%	
SW2TR	Per	3/21/00 15:50	0	4.5	7.5	37	12.9	101%	101%	
SW2TR	Per	4/18/00 18:10	0	7.6	7.3	37	12.3	105%	108%	
YALTR	Per	5/18/99 11:20	0	7.8	7.2	32	12.8	109%	104%	
YALTR	Per	6/23/99 13:30	0	10.7	7.2	32	11.9	108%	111%	
YALTR	Per	7/21/99 12:40	0	11.8	7.3	34	11.1	103%	115%	Hydrolab pH unreliable, Lab pH reported.
YALTR	Per	8/25/99 11:30	0	11.8	7.1	35	10.9	102%		Hydrolab pH unreliable, Lab pH reported.
YALTR	Per	9/22/99 17:40	0	14.1		37	9.7	95%	106%	Hydrolab pH unreliable.
YALTR	Per	10/20/99 18:00	0	13.1	7.1	39	10.5	100%	105%	
YALTR	Per	11/23/99 9:40	0	9.4	7.3	38	10.3	91%	100%	
YALTR	Per	12/20/99 13:15	0	6.5	7.2	33	11.3	92%	100%	

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
YALTR	Per	1/25/00 14:30	0	4.5	7.3	31	12.3	96%	101%	
YALTR	Per	2/22/00 15:00	0	4.5	7.4	32	12.6	98%	102%	
YALTR	Per	3/21/00 16:50	0	5.0	7.5	32	13.1	104%	102%	
YALTR	Per	4/18/00 19:00	0	7.4	7.4	34	12.9	108%	111%	
CANCM	Per	6/23/99 11:15	0	9.9	7.4	27	11.4	101%		
CANCM	Per	7/30/99 10:00	0	15.2	6.6	40	10.1	102%		Hydrolab pH unreliable, Lab pH reported.
CANCM	Per	8/26/99 18:00	0	15.9	7.4	46	9.5	97%		Hydrolab pH unreliable, Lab pH reported.
CANCM	Per	9/23/99 12:15	0	14.1		51	9.3	91%		Hydrolab pH unreliable.
CANCM	Per	10/21/99 12:00	0	8.4	7.2	52	11.2	96%		
CANCM	Per	11/23/99 14:30	0	7.2	7.3	26	11.9	100%		
CANCM	Per	12/20/99								Could not monitor in December.
CANCM	Per	1/26/00 13:15	0	5.2	7.5	27	12.3	98%		
CANCM	Per	2/23/00 11:10	0	5.3	7.6	22	12.8	102%		
CANCM	Per	3/22/00 16:55	0	6.8	7.3	24	12.7	106%		
CANCM	Per	4/19/00 16:00	0	8.7	7.6	24	11.7	102%		
MERLI	Per	5/18/99 12:40	0	8.1	7.4	32	12.1	103%	106%	
MERLI	Per	6/23/99 10:10	0	10.9	7.3	32	10.9	100%		
MERLI	Per	7/30/99 9:20	0	21.5	6.5	35	8.7	100%		Hydrolab pH unreliable, Lab pH reported.
MERLI	Per	8/26/99 17:15	0	22.6	7.3	33	7.4	87%		Hydrolab pH unreliable, Lab pH reported.
MERLI	Per	9/23/99 11:30	0	15.3		37	8.9	89%		Hydrolab pH unreliable.
MERLI	Per	10/21/99 11:30	0	12.9	7.1	39	10.2	97%		
MERLI	Per	11/23/99 14:00	0	9.2	7.3	37	10.5	92%		
MERLI	Per	12/20/99								Could not monitor in December.
MERLI	Per	1/26/00 13:00	0	4.6	7.5	32	12.2	95%		
MERLI	Per	2/23/00 10:20	0	4.8	7.6	29	12.3	97%		
MERLI	Per	3/22/00 17:15	0	5.5	7.2	30	12.8	104%		
MERLI	Per	4/19/00 15:15	0	7.6	7.4	33	12.6	106%		
SPLYU	Per	5/18/99 18:00	0	6.5	7.2	16	12.6	104%	100%	
SPLYU	Per	6/23/99 17:05	0	12.0	7.3	22				
SPLYU	Per	7/21/99 12:05	0	15.0	7.0	31	9.7	98%		Hydrolab pH unreliable, Lab pH reported.
SPLYU	Per	8/25/99 16:40	0	17.8	7.3	35	8.4	90%		Hydrolab pH unreliable, Lab pH reported.
SPLYU	Per	9/22/99 16:50	0	15.6		36	9.0	92%		Hydrolab pH unreliable.
SPLYU	Per	10/20/99 17:15	0	10.6	7.1	35	10.7	98%		
SPLYU	Per	11/23/99 9:10	0	6.3	7.4	23	11.5	95%		
SPLYU	Per	12/19/99 16:00	0	6.3	7.4	21	11.9	98%		
SPLYU	Per	1/25/00 13:45	0	4.8	7.3	23	12.1	96%		
SPLYU	Per	2/22/00 14:30	0	5.4	7.5	22	11.8	94%		
SPLYU	Per	3/21/00 16:10	0	6.4	7.5	21	12.4	103%		
SPLYU	Per	4/18/00 18:30	0	8.0	7.4	21	11.3	97%		
SPLYL	Per	9/21/99 17:50	0	12.2		54	8.6	81%		Hydrolab pH unreliable.
SPLYL	Per	10/21/99 9:10	0	8.6	7.2	56	10.9	95%		
SPLYL	Per	11/23/99 10:35	0	8.6	7.4	50	10.8	93%		
SPLYL	Per	12/19/99 16:25	0	8.9	7.3	41	10.9	95%		
SPLYL	Per	1/25/00 15:25	0	8.0	7.5	44	11.1	95%		
SPLYL	Per	2/22/00 15:40	0	8.5	7.4	45	10.5	90%		
SPLYL	Per	3/22/00 10:15	0	8.3	7.4	45	11.5	99%		
SPLYL	Per	4/19/00 9:50	0	8.7	7.5	48	11.2	97%		
SPLYE	Per	6/23/99 12:50	0	17.5	7.3	34	8.1	85%		
SPLYE	Per	7/21/99 14:30	0	15.1	6.3	49	9.2	93%		Hydrolab pH unreliable, Lab pH reported.

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
SPLYE	Per	8/25/99 10:55	0	11.9	7.4	54	9.4	88%		Hydrolab pH unreliable, Lab pH reported.
SPLYE	Per	9/21/99 18:00	0	12.4		55	9.5	90%		Hydrolab pH unreliable.
SPLYE	Per	10/21/99 9:15	0	8.6	6.8	57	10.2	88%		
SPLYE	Per	11/23/99 10:40	0	8.6	7.1	51	9.8	84%		
SPLYE	Per	12/19/99 16:30	0	8.9	7.2	42	10.5	92%		
SPLYE	Per	1/25/00 15:15	0	7.9	7.4	45	10.9	92%		
SPLYE	Per	2/22/00 15:50	0	8.5	7.4	45	10.6	91%		
SPLYE	Per	3/22/00 10:25	0	8.3	7.4	47	11.3	97%		
SPLYE	Per	4/19/00 10:00	0	8.8	7.3	48	10.9	95%		
MERTR	Per	5/18/99 9:30	0	7.1	6.9	30	12.5	104%	106%	
MERTR	Per	6/23/99 18:30	0	10.1	6.6	32			106%	DO not measured
MERTR	Per	7/21/99 15:20	0	12.4	6.5	34	10.0	94%	106%	Hydrolab pH unreliable, Lab pH reported.
MERTR	Per	8/25/99 10:00	0	12.9	7.0	35	8.7	83%		Hydrolab pH unreliable, Lab pH reported.
MERTR	Per	9/23/99 14:20	0	14.2		36	8.5	83%	104%	Hydrolab pH unreliable.
MERTR	Per	10/21/99 15:10	0	14.9	6.9	38	9.8	97%	104%	
MERTR	Per	11/24/99 7:20	0	11.1	7.4	38	10.3	94%	106%	
MERTR	Per	12/20/99 8:10	0	7.7	7.4	33	11.1	93%	102%	
MERTR	Per	1/26/00 9:20	0	5.3	7.6	31	11.8	94%	100%	
MERTR	Per	2/23/00 14:50	0	5.1	7.4	29	12.4	97%	102%	
MERTR	Per	3/22/00 9:15	0	5.0	7.4	30	12.8	100%	102%	
MERTR	Per	4/19/00 9:15	0	5.8	7.5	31	12.3	98%	103%	
MERHE	Per	7/21/99 15:40	0	15.4	6.5	35	9.0	90%		Hydrolab pH unreliable, Lab pH reported.
MERHE	Per	8/25/99 9:15	0	14.2	7.2	40	8.9	87%		Hydrolab pH unreliable, Lab pH reported.
MERHE	Per	9/23/99 13:40	0	15.4		36	10.2	103%		Hydrolab pH unreliable.
MERHE	Per	10/21/99 14:55	0	16.1	7.4	38	11.3	115%		
MERHE	Per	11/24/99 7:50	0	11.2	7.4	39	11.0	101%		
MERHE	Per	12/20/99 8:45	0	8.1	7.2	34	13.7	116%		
MERHE	Per	1/26/00 9:00	0	5.5	7.3	32	11.4	91%		
MERHE	Per	2/23/00 15:30	0	5.9	7.1	29	12.2	98%		
MERHE	Per	3/22/00 9:00	0	6.7	7.2	31	11.4	94%		
MERHE	Per	4/19/00 8:45	0	9.9	7.3	32	10.2	90%		
LEWHE	Per	7/21/99 16:20	0	13.4	6.6	35	10.0	96%		Hydrolab pH unreliable, Lab pH reported.
LEWHE	Per	8/25/99 8:45	0	13.0	7.0	33	10.0	95%		Hydrolab pH unreliable, Lab pH reported.
LEWHE	Per	9/21/99 17:00	0	15.0		37	9.7	97%		Hydrolab pH unreliable.
LEWHE	Per	10/21/99 15:45	0	15.5	7.0	40	9.8	98%		
LEWHE	Per	11/23/99 15:40	0	11.3	7.2	37	10.4	95%		
LEWHE	Per	12/20/99 7:30	0	7.8	7.1	33	11.6	97%		
LEWHE	Per	1/26/00 8:35	0	5.4	7.2	31	11.8	93%		
LEWHE	Per	2/23/00 9:05	0	5.1	7.9	29	12.6	99%		
LEWHE	Per	3/21/00 17:35	0	5.9	7.3	32	13.2	104%		
LEWHE	Per	4/19/00 8:20	0	5.8	7.4	32	12.5	100%		
LEWEA	Per	6/22/99 9:20	0	10.3	7.0	32	11.2	100%	103%	
LEWEA	Per	7/21/99 16:35	0	14.1	6.6	36	10.4	101%		Hydrolab pH unreliable, Lab pH reported.
LEWEA	Per	8/25/99 17:45	0	15.4	7.3	36	9.8	98%		Hydrolab pH unreliable, Lab pH reported.
LEWEA	Per	9/21/99 16:45	0	15.6		37	9.9	100%		Hydrolab pH unreliable.
LEWEA	Per	10/21/99 16:10	0	15.6	7.4	41	10.9	109%		
LEWEA	Per	11/23/99 16:25	0	11.1	7.3	37	10.2	93%		
LEWEA	Per	12/20/99 7:15	0	7.8	7.1	33	10.8	91%		
LEWEA	Per	1/26/00 8:10	0	5.4	7.4	32	11.9	95%		
LEWEA	Per	2/22/00 16:50	0	5.3	7.5	31	11.5	90%		
LEWEA	Per	3/22/00 11:00	0	5.7	7.2	33	12.8	102%		

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
LEWEA	Per	4/19/00 18:00	0	6.5	7.4	32	12.6	103%		
SWRED	Per	6/22/99 12:40	0	13.5	7.5	29	10.4	103%		
SWRED	Per	6/22/99 12:40	1	13.3	7.5	29	10.5	104%		
SWRED	Per	6/22/99 12:40	2	12.6	7.5	29	10.5	103%		
SWRED	Per	6/22/99 12:40	3	11.3	7.3	28	10.7	101%		
SWRED	Per	6/22/99 12:40	4	10.9	7.3	28	10.7	100%		
SWRED	Per	6/22/99 12:40	5	10.6	7.3	28	10.6	98%		
SWRED	Per	6/22/99 12:40	6	10.3	7.2	27	10.5	97%		
SWRED	Per	6/22/99 12:40	7	10.2	7.2	27	10.6	98%		
SWRED	Per	6/22/99 12:40	8	10.1	7.2	27	10.4	96%		
SWRED	Per	6/22/99 12:40	9	10.0	7.2	28	10.7	98%		
SWRED	Per	6/22/99 12:40	10	9.6	7.2	28	10.7	97%		
SWRED	Per	6/22/99 12:40	11	9.6	7.2	29	10.7	97%		
SWRED	Per	6/22/99 12:40	12	9.3	7.2	30	10.7	97%		
SWRED	Per	6/22/99 12:40	13	9.2	7.2	30	10.8	98%		
SWRED	Per	6/22/99 12:40	14	9.2	7.2	30	10.8	97%		
SWRED	Per	6/22/99 12:40	15	9.1	7.2	30	10.8	97%		
SWRED	Per	6/22/99 12:40	20	8.5	7.1	30	10.8	96%		
SWRED	Per	6/22/99 12:40	25	8.0	7.1	30	11.1	97%		
SWRED	Per	6/22/99 12:40	30	7.5	7.1	31	11.3	98%		
SWRED	Per	6/22/99 12:40	35	6.8	7.0	32	11.3	96%		
SWRED	Per	6/22/99 12:40	40	6.5	7.0	33	11.4	96%		
SWRED	Per	6/22/99 12:40	45	5.8	7.0	34	11.4	94%		
SWRED	Per	6/22/99 12:40	50	5.3	7.0	35	11.4	93%		
SWRED	Per	6/22/99 12:40	55	5.2	6.9	35	11.4	93%		
SWRED	Per	6/22/99 12:40	60	5.1	6.9	35	11.4	93%		
SWRED	Per	6/22/99 12:40	65	5.0	6.9	35	11.4	93%		
SWRED	Per	6/22/99 12:40	70	5.0	6.9	35	11.3	92%		
SWRED	Per	6/22/99 12:40	75	5.0	6.9	35	11.3	92%		
SWRED	Per	6/22/99 12:40	80	5.0	6.9	35	11.1	90%		
SWRED	Per	6/22/99 12:40	85	4.9	6.9	35	11.1	90%		
SWRED	Per	6/22/99 12:40	90	4.9	6.9	35	11.1	90%		
SWRED	Per	6/22/99 12:40	95	4.9	6.9	35	11.1	90%		
SWRED	Per	6/22/99 12:40	100	4.9	6.9	35	11.0	89%		
SWRED	Per	7/20/99 12:15	0	16.9	6.7	32	9.6	103%		Hydrolab pH unreliable, Lab pH reported.
SWRED	Per	7/20/99 12:15	1	16.9		32	9.4	101%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	2	16.7		32	9.3	99%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	3	16.1		32	9.6	101%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	4	16.0		32	9.4	98%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	5	16.0		32	9.5	100%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	6	15.8		32	9.4	98%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	7	15.4		32	9.6	99%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	8	15.1		32	9.5	98%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	9	14.4		32	9.5	97%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	10	13.6		32	9.8	97%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	11	12.6		33	9.8	95%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	12	12.1		33	9.8	94%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	13	11.7		33	9.7	93%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	14	11.6		33	9.6	92%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	15	11.1		33	9.7	91%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	20	10.4		33	10.0	92%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	25	9.5		31	10.1	91%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	30	8.7		32	10.2	91%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	35	8.0	6.5	33	10.3	91%		Hydrolab pH unreliable, Lab pH reported.
SWRED	Per	7/20/99 12:15	40	6.6		35	10.4	88%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	45	6.3		36	10.4	88%		Hydrolab pH unreliable.

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
SWRED	Per	7/20/99 12:15	50	5.6		37	10.4	86%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	55	5.4		38	10.4	85%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	60	5.3		38	10.3	84%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	65	5.2		38	10.2	83%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	70	5.2		38	10.3	84%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	75	5.2		38	10.2	83%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	80	5.1		38	10.2	83%		Hydrolab pH unreliable.
SWRED	Per	7/20/99 12:15	85	5.1		38	10.1	83%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	0	19.6		37	8.5	97%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	1	19.5	7.3	37	8.5	96%		Hydrolab pH unreliable, Lab pH reported.
SWRED	Per	8/26/99 10:30	2	19.5		36	8.6	97%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	3	19.5		37	8.6	97%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	4	19.3		37	8.5	95%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	5	19.3		37	8.6	97%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	6	19.3		36	8.4	95%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	7	19.3		36	8.4	95%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	8	19.3		36	8.4	94%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	9	19.3		36	8.3	93%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	10	19.2		36	8.1	91%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	11	18.4		37	8.4	93%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	12	17.1		38	8.6	92%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	13	15.9		39	8.6	90%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	14	15.7		39	8.5	89%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	15	15.1		39	8.6	89%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	20	12.9		37	8.9	88%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	25	11.0		33	9.3	87%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	30	9.5		32	9.6	87%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	35	8.0	7.1	33	9.9	86%		Hydrolab pH unreliable, Lab pH reported.
SWRED	Per	8/26/99 10:30	40	6.3		36	10.0	84%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	45	5.8		37	9.9	82%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	50	5.5		37	9.6	79%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	55	5.4		37	9.7	79%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	60	5.4		38	9.7	79%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	65	5.3		37	9.5	78%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	70	5.3		37	9.6	78%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	75	5.3		38	9.7	79%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	80	5.3		38	9.7	80%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	85	5.3		38	9.7	79%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	90	5.3		38	9.7	79%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	95	5.3		38	9.7	79%		Hydrolab pH unreliable.
SWRED	Per	8/26/99 10:30	98.4	5.2		38	9.5	78%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	0							Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	0	17.2		41	8.9	96%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	1	17.2	7.0	41	8.9	96%		Hydrolab pH unreliable, Lab pH reported.
SWRED	Per	9/21/99 10:00	2	17.2		41	8.8	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	3	17.2		41	8.8	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	4	17.2		41	8.7	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	5	17.2		41	8.7	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	6	17.2		41	8.7	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	7	17.2		41	8.8	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	8	17.2		41	8.7	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	9	17.2		41	8.7	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	10	17.2		41	8.6	93%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	11	17.2		41	8.7	94%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	12	17.1		41	8.6	93%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	13	17.1		41	8.5	92%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	14	17.1		41	8.7	94%		Hydrolab pH unreliable.

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
SWRED	Per	9/21/99 10:00	15	17.0		41	8.6	92%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	20	13.9		42	8.7	87%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	25	12.9		39	8.7	86%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	30	9.8		33	9.5	87%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	35	7.8	6.9	34	10.0	87%		Hydrolab pH unreliable, Lab pH reported.
SWRED	Per	9/21/99 10:00	40	6.2		37	10.1	84%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	45	5.6		38	9.9	81%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	50	5.5		38	9.8	81%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	55	5.4		38	9.8	80%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	60	5.4		38	9.7	80%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	65	5.4		38	9.7	80%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	70	5.3		38	9.7	80%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	75	5.3		38	9.7	79%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	80	5.3		38	9.6	79%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	85	5.3		38	9.6	79%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	90	5.3		38	9.6	79%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	95	5.3		38	9.5	77%		Hydrolab pH unreliable.
SWRED	Per	9/21/99 10:00	98.2	5.3		39	9.5	78%		Hydrolab pH unreliable.
SWRED	Per	10/20/99 10:50	0	13.1	7.3	44	9.9	97%		
SWRED	Per	10/20/99 10:50	1	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	2	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	3	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	4	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	5	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	6	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	7	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	8	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	9	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	10	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	11	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	12	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	13	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	14	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	15	13.1	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	20	13.0	7.2	44	9.8	97%		
SWRED	Per	10/20/99 10:50	25	13.0	7.2	44	9.8	96%		
SWRED	Per	10/20/99 10:50	30	12.7	7.2	45	9.8	96%		
SWRED	Per	10/20/99 10:50	35	6.7	6.8	36	10.5	89%		
SWRED	Per	10/20/99 10:50	40	6.0	6.7	37	10.4	86%		
SWRED	Per	10/20/99 10:50	45	5.7	6.7	38	10.2	84%		
SWRED	Per	10/20/99 10:50	50	5.7	6.6	38	10.1	84%		
SWRED	Per	10/20/99 10:50	55	5.6	6.6	38	10.1	83%		
SWRED	Per	10/20/99 10:50	60	5.6	6.6	38	10.1	83%		
SWRED	Per	10/20/99 10:50	65	5.6	6.6	38	10.1	83%		
SWRED	Per	10/20/99 10:50	70	5.6	6.5	38	10.0	83%		
SWRED	Per	10/20/99 10:50	75	5.6	6.5	38	10.0	82%		
SWRED	Per	10/20/99 10:50	80	5.6	6.5	38	10.0	82%		
SWRED	Per	10/20/99 10:50	85	5.6	6.5	38	9.9	82%		
SWRED	Per	10/20/99 10:50	90	5.6	6.5	38	9.9	82%		
SWRED	Per	10/20/99 10:50	94.3	5.6	6.5	38	9.8	81%		
SWRED	Per	11/22/99 12:30	0	8.5	7.4	40	9.9	87%		
SWRED	Per	11/22/99 12:30	1	8.5	7.4	40	9.9	87%		
SWRED	Per	11/22/99 12:30	2	8.5	7.4	40	9.8	87%		
SWRED	Per	11/22/99 12:30	3	8.5	7.3	40	10.2	90%		
SWRED	Per	11/22/99 12:30	4	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	5	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	6	8.5	7.3	40	9.8	87%		

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
SWRED	Per	11/22/99 12:30	7	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	8	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	9	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	10	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	11	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	12	8.5	7.3	40	9.8	87%		
SWRED	Per	11/22/99 12:30	13	8.5	7.2	40	9.8	86%		
SWRED	Per	11/22/99 12:30	14	8.5	7.2	40	9.8	87%		
SWRED	Per	11/22/99 12:30	15	8.4	7.2	40	9.8	87%		
SWRED	Per	11/22/99 12:30	20	8.2	7.2	39	9.8	86%		
SWRED	Per	11/22/99 12:30	25	8.1	7.2	39	9.7	85%		
SWRED	Per	11/22/99 12:30	30	7.9	7.2	39	9.7	85%		
SWRED	Per	11/22/99 12:30	35	7.7	7.1	40	9.8	85%		
SWRED	Per	11/22/99 12:30	40	7.5	7.1	39	9.6	83%		
SWRED	Per	11/22/99 12:30	45	6.9	7.1	39	9.5	81%		
SWRED	Per	11/22/99 12:30	50	5.5	7.0	38	9.2	76%		
SWRED	Per	11/22/99 12:30	55	5.5	6.9	37	9.2	76%		
SWRED	Per	11/22/99 12:30	60	5.5	6.9	38	9.2	75%		
SWRED	Per	11/22/99 12:30	65	5.4	6.9	38	9.2	75%		
SWRED	Per	11/22/99 12:30	70	5.5	6.9	38	9.1	75%		
SWRED	Per	11/22/99 12:30	75	5.4	6.9	38	9.1	75%		
SWRED	Per	11/22/99 12:30	80	5.4	6.9	38	9.1	75%		
SWRED	Per	11/22/99 12:30	85	5.4	6.9	38	9.1	75%		
SWRED	Per	11/22/99 12:30	90	5.4	6.9	38	9.1	75%		
SWRED	Per	11/22/99 12:30	93.4	5.4	6.9	38	9.1	74%		
SWRED		12/19/99								Not monitored for safety reasons.
SWRED		1/25/00								Not accessible - snow.
SWRED		2/2/22/00								Not accessible - snow.
SWRED		3/21/00								Not accessible - water too low to launch.
SWRED	Per	4/18/00 10:50	0	8.3	7.6	36	11.7	103%		
SWRED	Per	4/18/00 10:50	1	8.1	7.5	36	11.7	103%		
SWRED	Per	4/18/00 10:50	2	8.0	7.5	36	11.8	103%		
SWRED	Per	4/18/00 10:50	3	7.9	7.5	36	11.6	101%		
SWRED	Per	4/18/00 10:50	4	7.9	7.5	36	11.7	102%		
SWRED	Per	4/18/00 10:50	5	7.8	7.6	36	11.7	102%		
SWRED	Per	4/18/00 10:50	6	7.8	7.6	36	11.8	102%		
SWRED	Per	4/18/00 10:50	7	7.7	7.6	36	11.7	102%		
SWRED	Per	4/18/00 10:50	8	7.7	7.6	36	11.7	102%		
SWRED	Per	4/18/00 10:50	9	7.6	7.5	36	11.7	102%		
SWRED	Per	4/18/00 10:50	10	7.6	7.6	36	11.6	101%		
SWRED	Per	4/18/00 10:50	11	7.5	7.6	36	11.7	101%		
SWRED	Per	4/18/00 10:50	12	7.5	7.6	36	11.8	102%		
SWRED	Per	4/18/00 10:50	13	7.4	7.5	36	11.7	101%		
SWRED	Per	4/18/00 10:50	14	7.1	7.6	37	11.7	101%		
SWRED	Per	4/18/00 10:50	15	6.9	7.5	37	11.8	100%		
SWRED	Per	4/18/00 10:50	20	6.1	7.5	38	11.7	98%		
SWRED	Per	4/18/00 10:50	25	5.7	7.3	38	11.7	97%		
SWRED	Per	4/18/00 10:50	30	5.1	7.3	38	11.5	94%		
SWRED	Per	4/18/00 10:50	35	4.5	7.2	38	11.4	91%		
SWRED	Per	4/18/00 10:50	40	4.5	7.2	38	11.3	91%		
SWRED	Per	4/18/00 10:50	45	4.4	7.2	38	11.3	90%		
SWRED	Per	4/18/00 10:50	50	4.4	7.2	38	11.2	90%		
SWRED	Per	4/18/00 10:50	55	4.3	7.2	38	11.3	90%		
SWRED	Per	4/18/00 10:50	60	4.3	7.2	38	11.3	90%		
SWRED	Per	4/18/00 10:50	65	4.3	7.2	38	11.2	89%		
SWRED	Per	4/18/00 10:50	70	4.3	7.2	38	11.2	89%		
SWRED	Per	4/18/00 10:50	75	4.3	7.2	38	11.2	89%		

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
SWRED	Per	4/18/00 10:50	80	4.3	7.2	38	11.2	89%		
SWRED	Per	4/18/00 10:50	85	4.2	7.2	39	11.1	89%		
SWRED	Per	4/18/00 10:50	90	4.2	7.2	38	11.2	89%		
SWRED	Per	4/18/00 10:50	95	4.2	7.1	38	11.1	88%		
SWRED	Per	4/18/00 10:50	97	4.2	7.1	38	11.0	87%		
MERLD	Per	5/17/99 11:00	0	10.1	7.9	31	12.0	108%		
MERLD	Per	5/17/99 11:00	1	10.1	7.9	31	11.9	106%		
MERLD	Per	5/17/99 11:00	2	10.1	7.9	31	12.1	108%		
MERLD	Per	5/17/99 11:00	3	9.9	7.9	31	11.9	106%		
MERLD	Per	5/17/99 11:00	4	9.9	7.9	31	12.0	107%		
MERLD	Per	5/17/99 11:00	5	9.8	7.9	31	12.0	106%		
MERLD	Per	5/17/99 11:00	6	9.7	7.7	31	12.2	108%		
MERLD	Per	5/17/99 11:00	7	9.6	7.7	31	11.9	105%		
MERLD	Per	5/17/99 11:00	8	9.6	7.6	31	12.1	107%		
MERLD	Per	5/17/99 11:00	9	9.5	7.6	31	12.1	106%		
MERLD	Per	5/17/99 11:00	10	9.4	7.5	31	11.9	105%		
MERLD	Per	5/17/99 11:00	11	9.4	7.5	31	11.9	104%		
MERLD	Per	5/17/99 11:00	12	9.4	7.5	31	11.7	103%		
MERLD	Per	5/17/99 11:00	13	9.2	7.4	31	11.5	101%		
MERLD	Per	5/17/99 11:00	14	9.1	7.3	31	12.0	105%		
MERLD	Per	5/17/99 11:00	15	8.9	7.3	31	11.8	103%		
MERLD	Per	5/17/99 11:00	20	8.7	7.2	31	12.0	104%		
MERLD	Per	5/17/99 11:00	25	8.5	7.2	31	11.8	102%		
MERLD	Per	5/17/99 11:00	30	8.1	7.1	31	11.8	101%		
MERLD	Per	5/17/99 11:00	35	7.5	7.1	31	12.2	103%		
MERLD	Per	5/17/99 11:00	40	7.0	7.0	31	12.2	101%		
MERLD	Per	5/17/99 11:00	45	6.8	6.9	31	11.6	96%		
MERLD	Per	5/17/99 11:00	50	6.7	6.9	31	11.6	96%		
MERLD	Per	5/17/99 11:00	54.2	6.6	6.8	31	11.4	94%		
MERLD	Per	6/23/99 8:40	0	15.8	7.6	33	9.8	100%		
MERLD	Per	6/23/99 8:40	1	15.6	7.6	32	10.0	101%		
MERLD	Per	6/23/99 8:40	2	15.1	7.6	32	10.3	103%		
MERLD	Per	6/23/99 8:40	3	14.7	7.6	32	10.2	102%		
MERLD	Per	6/23/99 8:40	4	14.6	7.5	32	10.5	104%		
MERLD	Per	6/23/99 8:40	5	14.4	7.5	32	10.5	104%		
MERLD	Per	6/23/99 8:40	6	14.2	7.4	32	10.5	104%		
MERLD	Per	6/23/99 8:40	7	14.0	7.4	32	10.6	104%		
MERLD	Per	6/23/99 8:40	8	13.9	7.4	32	10.7	105%		
MERLD	Per	6/23/99 8:40	9	13.9	7.4	32	10.3	101%		
MERLD	Per	6/23/99 8:40	10	13.5	7.4	32	10.5	101%		
MERLD	Per	6/23/99 8:40	11	13.4	7.4	32	10.4	100%		
MERLD	Per	6/23/99 8:40	12	13.3	7.4	32	10.1	98%		
MERLD	Per	6/23/99 8:40	13	13.1	7.3	32	10.1	97%		
MERLD	Per	6/23/99 8:40	14	12.8	7.3	32	10.2	97%		
MERLD	Per	6/23/99 8:40	15	12.6	7.3	32	10.0	95%		
MERLD	Per	6/23/99 8:40	20	12.0	7.2	31	9.9	93%		
MERLD	Per	6/23/99 8:40	25	11.6	7.1	32	10.0	93%		
MERLD	Per	6/23/99 8:40	30	11.3	7.1	32	10.1	93%		
MERLD	Per	6/23/99 8:40	35	11.0	7.1	31	10.4	95%		
MERLD	Per	6/23/99 8:40	40	10.5	7.0	31	10.5	95%		
MERLD	Per	6/23/99 8:40	45	9.9	7.0	32	10.4	93%		
MERLD	Per	6/23/99 8:40	50	9.3	6.9	32	10.1	89%		
MERLD	Per	6/23/99 8:40	55	9.1	6.8	32	9.8	85%		
MERLD	Per	6/23/99 8:40	56.8	9.1	6.8	32	9.5	83%		
MERLD	Per	7/30/99 11:20	0	18.9		34	9.3	101%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	1	18.6	6.7	34	9.3	100%		Hydrolab pH unreliable, Lab pH reported.

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
MERLD	Per	7/30/99 11:20	2	18.5		34	9.4	102%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	3	18.4		34	9.6	103%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	4	18.5		34	9.4	101%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	5	18.2		34	9.4	100%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	6	18.1		34	9.5	102%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	7	17.9		34	9.6	102%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	8	17.6		34	9.8	104%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	9	17.3		34	9.7	102%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	10	16.5		34	10.1	104%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	11	16.1		34	10.0	103%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	12	15.5		34	9.6	97%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	13	15.3		34	9.6	97%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	14	14.8		34	9.6	95%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	15	14.5		34	9.4	93%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	20	13.8		34	9.5	92%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	25	13.3		34	9.4	91%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	30	12.9		34	9.3	89%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	35	12.7		34	9.1	87%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	40	12.5		33	9.5	90%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	45	12.2		34	9.5	89%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	50	11.9		34	8.8	82%		Hydrolab pH unreliable.
MERLD	Per	7/30/99 11:20	55	11.7	6.6	35	8.0	75%		Hydrolab pH unreliable, Lab pH reported.
MERLD	Per	7/30/99 11:20	56	11.6		36	7.3	68%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	0	22.5		34	8.6	101%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	1	21.4	7.4	34	8.8	101%		Hydrolab pH unreliable, Lab pH reported.
MERLD	Per	8/26/99 15:45	2	21.1		34	8.7	99%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	3	21.0		34	8.9	100%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	4	20.8		34	9.1	102%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	5	20.6		34	9.1	103%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	6	20.4		34	9.1	102%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	7	20.2		34	9.3	103%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	8	18.9		34	10.1	110%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	9	17.9		33	10.1	107%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	10	17.3		33	10.1	106%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	11	16.5		33	9.9	102%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	12	16.3		33	9.8	101%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	13	16.0		33	9.7	99%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	14	15.7		33	9.4	95%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	15	15.5		33	9.3	94%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	20	14.8		33	9.0	90%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	25	14.3		33	8.9	88%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	30	15.8		33	8.8	90%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	35	15.6		33	9.1	92%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	40	13.3		33	9.1	88%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	45	12.9		33	8.8	84%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	50	12.6		35	7.8	74%		Hydrolab pH unreliable.
MERLD	Per	8/26/99 15:45	55	12.1	6.4	37	5.2	49%		Hydrolab pH unreliable, Lab pH reported.
MERLD	Per	8/26/99 15:45	56.1	11.8		39	4.0	37%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	0	18.7		36	8.5	92%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	1	18.7		36	8.0	87%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	2	18.7		36	8.2	89%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	3	18.7		36	7.8	85%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	4	18.6		36	8.1	87%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	5	18.4		36	7.9	85%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	6	18.1		36	8.1	87%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	7	17.9		36	8.0	85%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	8	17.6		35	8.1	85%		Hydrolab pH unreliable.

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
MERLD	Per	9/23/99 9:30	9	17.5		36	8.3	88%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	10	17.3		36	8.0	84%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	11	17.2		36	8.1	85%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	12	17.1		36	8.0	83%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	13	17.0		36	8.0	84%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	14	16.9		36	8.1	84%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	15	16.7		36	7.9	82%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	20	16.1		35	7.9	81%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	25	15.6		35	7.8	79%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	30	15.2		35	7.8	79%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	35	14.8		35	7.8	78%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	40	14.5		35	8.2	81%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	45	13.9		36	7.3	71%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	50	13.3		39	5.3	51%		Hydrolab pH unreliable.
MERLD	Per	9/23/99 9:30	52.9	12.7		43	3.0	29%		Hydrolab pH unreliable.
MERLD	Per	10/21/99 13:05	0	15.9	7.1	37	9.1	93%		
MERLD	Per	10/21/99 13:05	1	15.6	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	2	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	3	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	4	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	5	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	6	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	7	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	8	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	9	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	10	15.5	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	11	15.4	7.0	37	9.1	92%		
MERLD	Per	10/21/99 13:05	12	15.4	6.9	37	9.1	92%		
MERLD	Per	10/21/99 13:05	13	15.4	6.9	37	9.1	92%		
MERLD	Per	10/21/99 13:05	14	15.4	6.9	37	9.1	92%		
MERLD	Per	10/21/99 13:05	15	15.4	6.9	37	9.1	92%		
MERLD	Per	10/21/99 13:05	20	15.4	6.9	37	9.1	91%		
MERLD	Per	10/21/99 13:05	25	15.3	6.9	38	8.9	90%		
MERLD	Per	10/21/99 13:05	30	15.0	6.9	38	8.9	89%		
MERLD	Per	10/21/99 13:05	35	14.9	6.8	38	8.8	88%		
MERLD	Per	10/21/99 13:05	40	14.7	6.8	38	8.8	87%		
MERLD	Per	10/21/99 13:05	45	14.7	6.8	39	8.6	85%		
MERLD	Per	10/21/99 13:05	49.5	14.4	6.7	43	6.8	67%		
MERLD	Per	11/23/99 12:00	0	11.8	7.3	36	9.3	86%		
MERLD	Per	11/23/99 12:00	1	11.8	7.3	37	9.4	87%		
MERLD	Per	11/23/99 12:00	2	11.8	7.3	36	9.5	89%		
MERLD	Per	11/23/99 12:00	3	11.8	7.3	36	9.5	89%		
MERLD	Per	11/23/99 12:00	4	11.8	7.3	36	9.8	91%		
MERLD	Per	11/23/99 12:00	5	11.8	7.3	36	9.5	89%		
MERLD	Per	11/23/99 12:00	6	11.8	7.3	36	9.3	86%		
MERLD	Per	11/23/99 12:00	7	11.8	7.3	36	9.2	86%		
MERLD	Per	11/23/99 12:00	8	11.8	7.3	36	9.3	86%		
MERLD	Per	11/23/99 12:00	9	11.8	7.2	36	9.3	86%		
MERLD	Per	11/23/99 12:00	10	11.8	7.2	36	9.3	86%		
MERLD	Per	11/23/99 12:00	11	11.8	7.2	36	9.3	86%		
MERLD	Per	11/23/99 12:00	12	11.8	7.2	36	9.3	86%		
MERLD	Per	11/23/99 12:00	13	11.8	7.2	36	9.3	86%		
MERLD	Per	11/23/99 12:00	14	11.8	7.2	36	9.2	86%		
MERLD	Per	11/23/99 12:00	15	11.8	7.2	36	9.3	86%		
MERLD	Per	11/23/99 12:00	20	11.8	7.2	36	9.2	86%		
MERLD	Per	11/23/99 12:00	25	11.7	7.2	36	9.3	86%		
MERLD	Per	11/23/99 12:00	30	11.5	7.1	36	9.3	86%		

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
MERLD	Per	11/23/99 12:00	35	11.4	7.1	36	9.4	87%		
MERLD	Per	11/23/99 12:00	40	11.1	7.1	37	9.4	86%		
MERLD	Per	11/23/99 12:00	45	11.1	7.1	37	9.4	86%		
MERLD	Per	11/23/99 12:00	50	11.0	7.1	37	9.4	86%		
MERLD	Per	11/23/99 12:00	51.8	11.0	7.1	37	9.4	86%		
MERLD		12/20/99								Not monitored for safety reasons.
MERLD	Per	1/26/00 14:15	0	5.4	7.5	31	11.8	94%		
MERLD	Per	1/26/00 14:15	1	5.4	7.4	31	11.4	91%		
MERLD	Per	1/26/00 14:15	2	5.4	7.4	31	11.4	91%		
MERLD	Per	1/26/00 14:15	3	5.3	7.3	31	11.5	92%		
MERLD	Per	1/26/00 14:15	4	5.3	7.3	31	11.5	91%		
MERLD	Per	1/26/00 14:15	5	5.3	7.3	31	11.4	91%		
MERLD	Per	1/26/00 14:15	6	5.3	7.3	31	11.5	91%		
MERLD	Per	1/26/00 14:15	7	5.3	7.3	31	11.4	91%		
MERLD	Per	1/26/00 14:15	8	5.3	7.3	31	11.4	91%		
MERLD	Per	1/26/00 14:15	9	5.3	7.2	31	11.5	91%		
MERLD	Per	1/26/00 14:15	10	5.3	7.2	31	11.5	92%		
MERLD	Per	1/26/00 14:15	11	5.3	7.2	31	11.4	91%		
MERLD	Per	1/26/00 14:15	12	5.3	7.2	31	11.4	91%		
MERLD	Per	1/26/00 14:15	13	5.3	7.2	31	11.4	91%		
MERLD	Per	1/26/00 14:15	14	5.3	7.2	31	11.4	91%		
MERLD	Per	1/26/00 14:15	15	5.3	7.2	31	11.5	91%		
MERLD	Per	1/26/00 14:15	20	5.3	7.2	31	11.5	91%		
MERLD	Per	1/26/00 14:15	25	5.3	7.2	31	11.5	91%		
MERLD	Per	1/26/00 14:15	30	5.3	7.2	31	11.5	91%		
MERLD	Per	1/26/00 14:15	35	5.3	7.2	31	11.5	92%		
MERLD	Per	1/26/00 14:15	40	5.3	7.2	31	11.5	91%		
MERLD	Per	1/26/00 14:15	45	5.2	7.2	31	11.5	91%		
MERLD	Per	1/26/00 14:15	50	5.2	7.2	31	11.5	92%		
MERLD	Per	1/26/00 14:15	53.1	5.2	7.2	31	11.5	91%		
MERLD	Per	2/23/00 12:45	0	5.4	7.6	29	12.1	97%		
MERLD	Per	2/23/00 12:45	1	5.4	7.6	29	12.1	97%		Collected surface water samples at 1 meter.
MERLD	Per	2/23/00 12:45	2	5.3	7.6	29	12.2	97%		
MERLD	Per	2/23/00 12:45	3	5.1	7.5	29	12.1	96%		
MERLD	Per	2/23/00 12:45	4	5.1	7.4	29	12.1	96%		
MERLD	Per	2/23/00 12:45	5	5.0	7.4	29	12.1	95%		
MERLD	Per	2/23/00 12:45	6	5.0	7.4	29	12.1	95%		
MERLD	Per	2/23/00 12:45	7	5.0	7.4	29	12.1	95%		
MERLD	Per	2/23/00 12:45	8	5.0	7.4	29	12.0	95%		
MERLD	Per	2/23/00 12:45	9	5.0	7.4	29	12.0	95%		
MERLD	Per	2/23/00 12:45	10	5.0	7.3	29	12.0	95%		
MERLD	Per	2/23/00 12:45	11	5.0	7.3	29	12.0	95%		
MERLD	Per	2/23/00 12:45	12	5.0	7.3	29	12.0	94%		
MERLD	Per	2/23/00 12:45	13	5.0	7.4	29	11.9	94%		
MERLD	Per	2/23/00 12:45	14	5.0	7.3	29	12.0	95%		
MERLD	Per	2/23/00 12:45	15	5.0	7.3	29	11.9	94%		
MERLD	Per	2/23/00 12:45	20	4.9	7.3	29	11.9	94%		
MERLD	Per	2/23/00 12:45	25	4.9	7.3	29	11.9	94%		
MERLD	Per	2/23/00 12:45	30	4.9	7.3	29	11.9	94%		
MERLD	Per	2/23/00 12:45	35	4.9	7.3	30	12.0	94%		
MERLD	Per	2/23/00 12:45	40	4.9	7.3	29	11.9	94%		
MERLD	Per	2/23/00 12:45	45	4.9	7.3	29	11.9	93%		
MERLD	Per	2/23/00 12:45	50	4.9	7.3	29	11.8	93%		
MERLD	Per	2/23/00 12:45	54.5	4.9	7.3	29	11.8	93%		Collected bottom water samples at 52 meters.
MERLD	Per	3/22/00 15:15	0	6.9	7.5	30	13.2	110%		

Site	Monitoring Type	Date/Time	Depth (m)	Temp (°C)	pH	Sp. Cond. (µS/cm)	DO (mg/L)	DO (%)	TDG (%)	Comments
MERLD	Per	3/22/00 15:15	1	6.8	7.5	30	13.2	110%		
MERLD	Per	3/22/00 15:15	2	6.5	7.4	30	13.0	108%		
MERLD	Per	3/22/00 15:15	3	6.4	7.4	30	12.9	107%		
MERLD	Per	3/22/00 15:15	4	6.4	7.4	30	12.9	106%		
MERLD	Per	3/22/00 15:15	5	6.4	7.4	30	12.8	106%		
MERLD	Per	3/22/00 15:15	6	6.4	7.4	30	12.8	106%		
MERLD	Per	3/22/00 15:15	7	6.3	7.4	30	12.7	105%		
MERLD	Per	3/22/00 15:15	8	6.3	7.3	30	12.7	105%		
MERLD	Per	3/22/00 15:15	9	6.2	7.4	30	12.5	103%		
MERLD	Per	3/22/00 15:15	10	6.2	7.3	30	12.5	103%		
MERLD	Per	3/22/00 15:15	11	6.1	7.3	30	12.5	102%		
MERLD	Per	3/22/00 15:15	12	5.9	7.3	30	12.6	103%		
MERLD	Per	3/22/00 15:15	13	5.9	7.3	30	12.5	102%		
MERLD	Per	3/22/00 15:15	14	5.7	7.2	30	12.5	102%		
MERLD	Per	3/22/00 15:15	15	5.6	7.3	30	12.5	101%		
MERLD	Per	3/22/00 15:15	20	5.2	7.2	30	12.4	99%		
MERLD	Per	3/22/00 15:15	25	5.1	7.2	30	12.4	100%		
MERLD	Per	3/22/00 15:15	30	5.1	7.1	31	12.4	99%		
MERLD	Per	3/22/00 15:15	35	4.9	7.2	31	12.3	98%		
MERLD	Per	3/22/00 15:15	40	4.9	7.1	30	12.2	97%		
MERLD	Per	3/22/00 15:15	45	4.8	7.1	30	12.1	96%		
MERLD	Per	3/22/00 15:15	50	4.8	7.1	31	12.0	95%		
MERLD	Per	3/22/00 15:15	55	4.8	7.1	31	12.0	95%		
MERLD	Per	3/22/00 15:15	55.9	4.9	7.1	31	11.9	95%		Bottom samples at 52 meters.
MERLD	Per	4/19/00 13:30	0	11.2	7.9	31	11.8	109%		
MERLD	Per	4/19/00 13:30	1	11.0	7.9	31	11.8	108%		Double checked the reading between 1 and 2 meters, similar readings.
MERLD	Per	4/19/00 13:30	2	10.3	7.9	31	11.9	107%		
MERLD	Per	4/19/00 13:30	3	10.2	7.9	31	12.0	108%		
MERLD	Per	4/19/00 13:30	4	10.0	7.9	31	12.1	108%		
MERLD	Per	4/19/00 13:30	5	9.9	8.0	31	12.1	108%		
MERLD	Per	4/19/00 13:30	6	9.9	8.1	31	12.1	108%		
MERLD	Per	4/19/00 13:30	7	9.8	8.0	31	12.1	108%		
MERLD	Per	4/19/00 13:30	8	8.7	8.0	31	12.7	110%		
MERLD	Per	4/19/00 13:30	9	8.4	7.9	31	12.6	108%		
MERLD	Per	4/19/00 13:30	10	8.2	7.8	31	12.5	107%		
MERLD	Per	4/19/00 13:30	11	8.1	7.6	31	12.4	106%		
MERLD	Per	4/19/00 13:30	12	8.1	7.6	31	12.4	105%		
MERLD	Per	4/19/00 13:30	13	8.0	7.6	31	12.3	105%		
MERLD	Per	4/19/00 13:30	14	8.0	7.6	31	12.3	105%		
MERLD	Per	4/19/00 13:30	15	7.9	7.6	31	12.3	105%		
MERLD	Per	4/19/00 13:30	20	7.6	7.4	31	12.2	103%		
MERLD	Per	4/19/00 13:30	25	7.1	7.3	31	12.2	101%		
MERLD	Per	4/19/00 13:30	30	6.4	7.3	31	12.1	99%		
MERLD	Per	4/19/00 13:30	35	5.8	7.2	31	12.0	96%		
MERLD	Per	4/19/00 13:30	40	5.5	7.1	31	11.9	96%		
MERLD	Per	4/19/00 13:30	45	5.3	7.1	31	11.6	93%		
MERLD	Per	4/19/00 13:30	50	5.2	7.1	31	11.4	90%		
MERLD	Per	4/19/00 13:30	53.8	5.1	7.0	31	11.3	90%		Bottom samples at 52 meters.