

Appendix B. Water quality characteristics measured on-site at various stations at Walter Walker State Wildlife Area.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW1	05/04/95	1	13.0	10.2	8.2	540	<1.0	9.3
	05/11/95	8	17.0	12.3	8.1	560	<1.0	9.2
	05/19/95	16	24.0	13.4	8.1	450	<1.0	9.5
	05/23/95	20	20.0	13.8	8.0	380	<1.0	9.2
	06/01/95	29	17.0	13.0	7.8	390	<1.0	9.3
	06/05/95	33	20.0	12.7	7.3	350	<1.0	9.3
	06/12/95	40	21.0	12.7	7.7	340	<1.0	9.3
	06/19/95	47	19.0	11.7	7.9	290	<1.0	9.5
	06/26/95	54	22.0	13.2	7.8	280	<1.0	9.3
	07/05/95	63	18.0	12.4	7.5	310	<1.0	9.3
	07/11/95	69	26.0	14.9	8.2	270	<1.0	8.9
	07/17/95	75	25.5	15.7	7.6	300	<1.0	9.1
	07/24/95	82	23.0	16.7	7.3	340	<1.0	8.8
	08/01/95	90	24.0	18.3	8.6	410	<1.0	8.4
	08/07/95	96	19.0	17.9	8.8	510	<1.0	8.7
	08/22/95	111	23.0	21.0	8.2	810	<1.0	8.5
	08/31/95	120	25.0	20.6	8.5	760	<1.0	7.7
	09/07/95	127	20.0	19.7	7.4	1,000	1.0	8.0
	09/11/95	131	17.0	17.5	8.5	930	0.5	7.9
	09/21/95	141	8.0	14.5	7.4	1,000	1.0	8.7
	09/26/95	146	17.0	12.9	8.6	1,040	0.5	9.3
	10/05/95	155	12.0	12.1	8.6	930	<0.5	9.3
	10/12/95	162	22.0	13.5	8.7	900	<0.5	9.8
	10/17/95	167	NS ³	11.5	9.3	880	0.5	10.2
	11/01/95	182	NS	10.5	8.4	830	0.5	9.6
	11/07/95	188	NS	8.4	8.6	800	<0.5	11.3
	11/13/95	194	-1.0	5.2	8.5	800	0.5	11.3
	11/30/95	211	12.0	5.7	8.7	790	0.5	13.0
	12/07/95	218	2.0	6.1	8.4	780	0.5	11.3
	12/12/95	223	2.0	4.4	8.3	820	0.5	11.4
	12/19/95	230	5.0	2.8	8.5	870	0.5	13.5
	01/10/96	252	-2.0	1.2	8.1	920	0.5	13.2
	01/19/96	261	-3.0	1.7	8.3	990	0.5	13.5
	01/25/96	267	5.0	0.9	8.6	930	<1.0	13.4
	02/02/96	275	4.0	1.8	8.5	900	0.5	13.8
	02/09/96	282	9.0	4.0	8.4	920	0.5	12.1

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW1	02/13/96	286	3.0	2.4	8.3	880	0.5	12.0
	02/20/96	293	11.0	5.4	8.2	960	1.0	10.9
	02/29/96	302	4.0	2.7	8.5	960	0.5	12.2
	03/07/96	309	16.0	5.9	8.5	870	0.5	11.3
	03/11/96	313	15.0	6.7	8.7	920	0.5	12.3
	03/21/96	323	14.0	7.4	8.6	750	0.5	10.9
	03/28/96	330	16.0	7.7	8.3	750	0.5	9.9
	04/04/96	337	18.0	10.7	8.4	590	<0.5	9.6
	04/12/96	345	12.0	8.3	8.1	480	<0.5	9.9
	04/15/96	348	4.0	6.5	8.1	560	0.5	10.4
	04/26/96	359	13.0	11.6	8.4	550	0.5	9.0
	05/02/96	364	17.0	10.4	8.3	510	<0.5	9.5
	05/20/96	383	16.0	11.4	8.4	280	<0.5	9.3
	05/31/96	394	16.0	13.7	8.6	470	<0.5	8.8
	06/07/96	401	19.5	14.4	8.2	340	<0.5	8.6
	06/10/96	404	22.0	14.3	8.5	350	<0.5	8.6
	06/21/96	415	24.5	15.0	8.2	320	<0.5	8.7
	07/01/96	425	30.5	18.6	8.0	390	<0.5	8.4
	07/09/96	433	26.0	18.7	8.2	500	<0.5	8.0
	07/16/96	440	26.5	20.1	8.2	610	0.5	7.8
	07/25/96	449	27.0	21.0	8.2	810	0.5	7.5
	08/01/96	456	27.5	21.5	7.9	960	0.5	7.2
	08/13/96	468	24.5	20.5	8.0	1,090	1.0	7.0
	09/17/96	503	11.0	15.3	8.2	1,040	1.5	8.1
	09/27/96	513	15.0	12.8	7.9	1,040	1.0	9.7
	10/04/96	520	12.5	13.5	7.9	900	1.0	8.6
	10/11/96	527	22.5	14.6	8.4	1,000	0.5	9.5
	10/16/96	532	11.0	12.5	7.8	1,050	1.0	9.5
	11/01/96	548	9.0	6.6	8.3	1,000	1.0	10.8
	11/12/96	559	7.0	5.3	7.2	960	1.0	12.0
	11/21/96	568	17.0	7.9	8.0	1,040	0.5	11.4
	12/04/96	581	-2.0	1.0	10.3	920	1.0	12.6
	12/09/96	586	1.0	1.7	9.7	990	1.0	13.1
	12/18/96	595	-7.0	0.9	8.9	1,020	1.0	13.4
	12/23/96	600	3.0	0.9	8.4	1,110	1.0	12.5
	12/31/96	608	5.0	1.9	8.6	900	0.5	12.1

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW1	01/06/97	614	-3.0	1.1	8.3	920	1.0	12.0
	01/17/97	625	4.0	1.2	8.8	920	1.0	13.9
	01/24/97	632	6.0	3.1	8.2	1,030	1.0	NS
	01/31/97	639	5.0	3.1	7.1	1,030	1.0	11.9
	02/07/97	646	6.0	2.2	7.5	890	1.0	11.6
	02/10/97	649	1.0	2.8	7.5	870	1.0	11.8
	02/19/97	658	8.5	4.7	7.6	820	0.5	11.0
	03/05/97	672	5.0	5.6	7.0	950	1.0	12.0
	03/12/97	679	11.5	6.5	7.7	770	0.5	11.2
	03/21/97	688	17.0	9.3	6.8	710	0.5	9.9
	04/04/97	702	14.0	9.3	8.0	570	0.5	10.4
	04/11/97	709	0.5	5.6	8.6	720	1.0	12.5
	04/15/97	713	14.5	8.3	7.6	650	0.5	10.2
	04/25/97	723	20.0	11.1	8.3	540	0.5	10.0
	05/09/97	737	19.0	12.5	8.1	380	1.0	9.3
	05/20/97	748	20.0	13.0	8.0	390	1.0	9.1
	06/05/97	757	19.0	13.3	8.2	270	<1.0	13.2
	06/12/97	764	24.0	14.7	8.2	300	<1.0	9.0
	06/16/97	768	18.5	13.7	8.2	310	<1.0	8.9
	06/27/97	779	27.5	16.0	7.3	300	<1.0	8.6
	07/11/97	793	26.0	18.0	8.4	530	<1.0	8.9
	07/14/97	796	23.0	17.2	8.4	560	<1.0	11.0
	07/30/97	812	23.0	19.9	8.0	780	<0.5	7.4
	08/11/97	824	18.0	18.0	8.2	690	<0.5	7.6
	09/15/97	859	18.5	17.3	8.2	820	<1.0	7.7
	10/14/97	888	12.0	8.4	NS	660	<1.0	10.8
	11/12/97	916	9.0	6.2	8.1	780	<1.0	10.7
	12/15/97	950	NS	0.4	NS	760	<1.0	13.3
	01/12/98	978	7.0	2.1	8.3	710	<1.0	11.9
	02/17/98	1,014	6.0	4.0	9.2	840	<1.0	10.9
	03/17/98	1,042	14.5	7.6	8.6	750	<0.5	10.1
	04/14/98	1,070	11.0	7.1	8.9	610	<0.1	10.4
	06/15/98	1,132	15.0	14.3	8.5	380	<0.1	8.8
	07/13/98	1,160	24.0	19.8	8.5	560	<0.1	7.5
	08/17/98	1,195	25.5	21.1	8.5	920	<0.1	7.8
	09/14/98	1,223	25.0	18.5	8.2	910	<0.1	7.5

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW4	05/04/95	1	14.0	11.4	7.8	10,810	5.0	9.4
	05/11/95	8	18.0	15.5	8.0	11,000	6.0	9.9
	05/19/95	16	23.0	21.6	7.8	2,780	2.0	6.7
	05/23/95	20	20.0	19.7	7.8	1,560	1.0	5.2
	06/01/95	29	19.0	17.1	7.4	2,590	2.0	1.9
	06/05/95	33	20.0	16.9	7.4	1,180	<1.0	5.8
	06/12/95	40	21.5	18.0	7.6	1,270	1.0	2.3
	06/26/95	54	24.5	17.9	7.8	380	<1.0	7.3
	07/05/95	63	19.0	15.9	7.7	460	<1.0	7.8
	07/11/95	69	29.0	18.7	8.6	410	<1.0	9.2
	07/17/95	75	26.0	19.0	7.4	410	<1.0	5.8
	07/24/95	82	21.5	20.8	7.4	1,300	1.0	3.3
	08/01/95	90	22.0	17.5	7.6	4,440	2.5	2.8
	08/07/95	96	18.0	19.3	8.0	8,980	5.0	7.3
	08/22/95	111	20.0	27.0	8.3	6,740	4.0	12.7
	08/31/95	120	23.0	19.2	7.8	7,870	5.0	5.3
	09/07/95	127	20.0	20.3	7.8	9,890	6.0	4.9
	09/11/95	131	15.0	15.0	8.2	11,120	7.0	4.9
	09/21/95	141	7.0	9.8	7.5	9,160	5.0	5.9
	09/26/95	146	16.0	12.4	8.3	10,540	6.0	9.9
	10/05/95	155	11.0	11.0	8.2	6,820	4.0	9.9
	10/12/95	162	22.0	14.1	8.2	8,840	5.5	12.4
	10/17/95	167	NS	10.2	8.6	9,760	6.0	11.5
	11/01/95	182	NS	7.9	7.8	7,420	4.5	7.9
	11/07/95	188	NS	11.3	7.9	5,960	4.0	12.9
	11/13/95	194	-2.0	1.4	7.7	6,830	4.0	10.0
	11/30/95	211	12.0	4.7	7.4	8,980	5.0	11.6
	12/07/95	218	3.0	3.7	7.9	10,120	8.0	9.4
	12/12/95	223	2.0	2.3	7.4	8,300	5.5	9.3
	12/19/95	230	4.0	1.4	7.3	8,920	5.0	10.0
	01/10/96	252	-2.0	0.7	7.5	7,090	4.0	5.0
	01/19/96	261	-3.0	0.5	7.9	11,280	7.5	6.7
	01/25/96	267	5.0	0.6	7.9	11,240	7.0	5.9
	02/02/96	275	4.0	1.7	7.8	10,810	6.0	8.4
	02/09/96	282	9.0	1.0	7.7	11,080	6.5	7.5
	02/13/96	286	2.0	0.0	7.5	10,530	6.0	8.7
	02/20/96	293	8.0	4.2	7.8	7,300	5.5	9.9

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW4	02/29/96	302	3.0	2.3	8.4	10,590	7.5	16.2
	03/07/96	309	16.0	8.0	8.4	8,880	5.0	15.1
	03/11/96	313	13.0	5.2	8.2	7,720	5.0	11.1
	03/21/96	323	15.0	11.1	8.3	8,850	5.5	9.5
	03/28/96	330	15.0	10.6	7.9	7,590	4.0	8.3
	04/04/96	337	22.0	17.4	8.0	7,020	5.5	11.2
	04/12/96	345	10.0	10.0	8.0	7,010	4.5	8.5
	04/15/96	348	2.0	8.4	8.2	8,790	5.0	9.3
	04/26/96	359	15.0	12.6	7.8	9,830	6.0	5.6
	05/02/96	364	17.0	14.6	8.0	9,980	6.5	7.1
	05/20/96	383	16.0	16.7	7.7	1,190	1.0	4.9
	05/31/96	394	15.0	17.0	7.7	5,020	3.5	4.1
	06/07/96	401	19.5	19.3	7.8	3,370	2.0	2.9
	06/10/96	404	21.0	20.3	7.6	2,420	1.5	2.6
	06/21/96	415	21.0	21.4	7.7	2,040	1.0	4.2
	07/01/96	425	30.5	28.6	7.5	3,930	4.0	5.4
	07/09/96	433	26.0	22.7	7.5	3,760	2.5	2.4
	07/16/96	440	23.0	21.0	7.5	7,580	5.0	2.7
	07/25/96	449	28.0	22.2	7.7	8,980	6.0	6.0
	08/01/96	456	24.5	19.9	7.3	8,310	5.0	3.1
	08/13/96	468	20.5	17.7	7.1	12,780	9.5	2.7
	09/17/96	503	10.0	13.6	7.4	12,780	13.0	4.7
	09/27/96	513	17.0	14.5	7.6	12,510	8.0	8.2
	10/04/96	520	11.5	11.2	7.9	8,830	7.0	6.7
	10/11/96	527	25.0	15.3	8.0	9,210	5.5	8.2
	10/16/96	532	7.0	10.0	8.2	11,210	8.0	8.1
	11/01/96	548	14.5	6.4	7.8	8,530	7.0	8.5
	11/12/96	559	4.0	3.6	7.4	11,840	9.0	9.3
	11/22/96	568	14.0	9.3	7.0	12,140	8.0	2.6
	12/04/96	581	-3.0	0.4	8.9	10,380	7.0	11.0
WW4a	12/09/96	586	1.0	1.5	8.6	1,270	1.0	12.0
	12/18/96	595	0.0	-0.3	8.0	11,610	7.0	13.4
	12/23/96	600	4.0	0.4	8.0	3,210	2.0	12.4
	12/31/96	608	6.0	2.1	8.3	1,160	1.0	11.6
	01/06/97	614	-3.0	0.8	7.4	2,040	1.0	10.9
	01/17/97	625	3.0	1.3	8.4	1,460	1.0	13.7
	01/24/97	632	6.0	3.5	8.0	2,040	1.0	NS
	01/31/97	639	6.0	3.0	7.3	2,590	2.0	11.6
	02/07/97	646	8.0	2.1	7.4	1,600	1.0	8.2

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW4a	02/10/97	649	2.0	1.3	8.0	1,830	1.0	11.5
	02/19/97	658	11.0	5.2	7.9	1,040	0.5	10.6
	03/05/97	672	6.0	4.2	7.5	1,160	1.0	11.3
	03/12/97	679	8.5	6.5	8.1	930	1.0	10.5
	03/21/97	688	15.0	9.8	7.2	700	0.5	9.2
	04/04/97	702	13.5	10.6	7.9	2,760	3.0	9.6
	04/11/97	709	0.0	5.1	8.7	1,610	1.0	12.2
	04/15/97	713	14.0	8.9	8.0	1,010	1.0	9.8
	04/25/97	723	22.5	15.7	8.4	2,680	2.0	11.8
	05/09/97	737	18.5	12.6	8.1	400	0.5	8.8
	05/20/97	748	23.0	12.7	8.1	300	0.5	9.0
	06/05/97	757	19.5	14.1	8.0	280	<0.1	12.2
	06/12/97	764	22.5	20.9	8.1	410	<0.1	7.6
	06/16/97	768	18.0	17.4	7.8	580	<0.1	5.9
	06/27/97	779	26.5	16.2	7.8	340	<0.1	8.5
	07/11/97	793	28.0	18.0	8.4	540	<0.1	9.0
	07/14/97	796	23.0	17.1	8.4	580	<0.1	11.0
	07/30/97	812	24.0	20.1	8.2	770	1.0	7.0
	08/11/97	824	18.5	18.1	8.2	690	<0.5	7.4
	09/15/97	859	20.0	17.4	8.2	820	<1.0	7.7
	10/14/97	888	13.0	8.5	NS	660	<1.0	10.8
	11/12/97	916	9.0	6.3	8.3	780	<1.0	10.9
	12/15/97	950	NS	1.0	NS	740	<1.0	13.3
	01/12/98	978	6.0	2.3	8.5	880	<1.0	12.0
	02/17/98	1,014	6.0	4.1	8.9	830	<1.0	11.0
	03/17/98	1,042	12.0	8.1	8.6	890	<0.5	10.1
	04/14/98	1,070	8.0	7.2	8.7	910	<1.0	10.2
06/15/98	1,132	17.0	14.6	8.5	370	<1.0	8.7	
07/13/98	1,160	24.0	19.7	8.4	560	<1.0	7.4	
08/17/98	1,195	24.0	21.1	8.6	920	<1.0	7.7	
09/14/98	1,223	23.0	18.5	8.3	910	<1.0	7.5	
WW4b	12/09/96	586	1.0	1.9	8.4	11,630	6.0	12.0
	12/18/96	595	-1.0	-0.5	8.0	13,650	7.5	14.4
	12/23/96	600	4.0	1.1	7.6	12,880	8.0	10.4
	12/31/96	608	7.0	1.7	7.7	10,810	6.0	10.4
	01/06/97	614	-3.0	1.1	7.6	11,040	6.0	12.6
	01/17/97	625	3.0	2.3	7.6	14,120	9.0	10.9
	01/24/97	632	5.0	4.7	7.6	11,430	8.0	NS
	01/31/97	639	6.0	1.9	7.6	12,530	8.0	7.3

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW4b	02/07/97	646	8.0	0.9	7.6	12,970	8.0	11.7
	02/10/97	649	2.0	0.6	7.6	11,240	7.0	12.1
	02/19/97	658	9.5	3.4	7.7	11,920	6.5	7.7
	03/05/97	672	7.0	2.6	7.5	12,230	7.0	10.2
	03/12/97	679	9.0	5.9	7.7	11,020	7.0	6.2
	03/21/97	688	15.5	10.2	7.3	11,150	7.0	4.3
	04/04/97	702	13.5	12.3	7.7	9,240	6.0	4.9
	04/11/97	709	0.0	3.2	8.4	10,280	6.0	10.0
	04/15/97	713	13.5	10.1	7.6	11,180	7.0	5.6
	04/25/97	723	22.5	17.5	8.1	8,170	6.0	12.3
	05/09/97	737	19.0	15.7	7.8	3,040	2.0	4.8
	05/20/97	748	22.0	13.0	NS	390	0.5	8.8
	06/05/97	757	20.0	14.1	7.6	330	<0.1	10.4
	06/12/97	764	27.5	21.9	7.9	380	<0.1	7.7
	06/16/97	768	18.5	17.6	7.8	580	<0.1	4.2
	06/27/97	779	26.5	18.1	8.0	430	<0.1	8.0
	07/11/97	793	28.0	22.0	8.0	6,360	5.0	6.6
	07/14/97	796	23.0	17.8	7.9	6,960	5.0	5.2
	07/30/97	812	24.0	21.9	8.3	10,630	7.0	4.7
	08/11/97	824	18.0	19.2	8.6	7,870	7.0	2.0
	09/15/97	859	22.0	18.8	8.5	7,940	6.0	3.0
	10/14/97	888	13.5	6.9	NS	6,880	7.0	4.4
	11/12/97	916	9.0	7.0	8.2	1,520	<0.5	9.7
	12/15/97	950	NS	1.0	NS	920	<0.1	13.5
	01/12/98	978	6.0	-0.3	7.7	5,800	2.0	11.6
	02/17/98	1,014	6.0	5.4	8.6	1,600	<0.1	13.2
	03/17/98	1,042	12.5	9.3	8.6	2,360	4.5	12.7
	04/14/98	1,070	8.0	8.3	8.6	4,850	2.0	9.6
	06/15/98	1,132	17.0	16.2	8.5	1,800	1.0	8.2
	07/13/98	1,160	24.0	23.2	8.0	2,540	1.0	4.7
08/17/98	1,195	22.0	21.2	8.5	970	<0.1	7.4	
09/14/98	1,223	23.0	17.2	8.0	1,060	<0.1	6.5	
WW5	05/04/95	1	15.0	15.2	8.8	11,070	7.0	17.2
	05/11/95	8	18.0	18.8	8.9	10,210	6.0	>20.0
	05/19/95	16	24.0	21.5	8.0	1,770	1.0	7.3
	05/23/95	20	21.0	19.3	8.2	1,230	1.0	6.0
	06/01/95	29	18.0	18.0	7.6	810	1.0	8.1
	06/05/95	33	18.5	15.2	7.6	680	<1.0	7.6
	06/12/95	40	20.2	15.9	7.8	670	<1.0	8.2

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW5	06/26/95	54	23.0	15.8	7.8	350	<1.0	7.8
	07/05/95	63	18.5	15.0	7.7	400	<1.0	8.5
	07/11/95	69	26.5	19.4	8.3	340	<1.0	9.4
	07/17/95	75	25.5	19.3	8.4	360	<1.0	10.5
	07/24/95	82	21.5	18.5	7.5	630	1.0	7.1
	08/01/95	90	22.5	21.4	8.3	3,760	2.0	14.9
	08/07/95	96	17.0	22.2	8.6	5,810	3.5	14.0
	08/22/95	111	22.0	24.0	8.0	7,140	4.0	5.8
	08/31/95	120	25.0	23.1	8.2	7,260	4.0	8.6
	09/07/95	127	21.0	22.5	8.1	4,100	3.0	6.0
	09/11/95	131	15.0	19.5	8.4	6,700	4.0	6.8
	09/21/95	141	10.0	15.8	8.0	4,850	4.5	7.8
	09/26/95	146	19.0	16.9	8.2	3,310	2.0	8.4
	10/05/95	155	14.0	17.4	8.3	5,850	3.5	7.5
	10/12/95	162	24.0	18.8	8.1	6,240	4.0	9.4
	10/17/95	167	NS	15.9	8.3	7,260	4.0	10.3
	11/01/95	182	NS	13.1	8.0	7,760	6.0	7.9
	11/07/95	188	NS	10.7	8.0	8,260	5.0	11.1
	11/13/95	194	1.0	6.6	7.9	7,710	5.0	10.9
	11/30/95	211	11.0	8.4	8.1	8,790	5.0	11.4
	12/07/95	218	2.0	6.9	8.0	9,170	6.5	8.6
	12/12/95	223	5.0	5.8	7.9	8,680	5.0	8.0
	12/19/95	230	5.0	6.2	8.1	8,580	5.0	11.3
	01/10/96	252	-1.0	3.6	7.5	9,300	5.5	8.4
	01/19/96	261	-2.0	2.9	7.7	8,390	6.0	8.3
	01/25/96	267	2.0	4.6	7.8	9,830	6.0	12.1
	02/02/96	275	0.0	2.8	7.8	7,200	4.0	14.6
	02/09/96	282	9.0	4.5	8.0	7,640	5.0	14.4
	02/13/96	286	4.0	5.9	7.7	9,450	6.0	14.5
	02/20/96	293	10.0	8.1	8.0	8,860	5.5	12.4
	02/29/96	302	5.0	5.2	8.4	7,560	5.5	11.6
	03/07/96	309	18.0	9.0	8.2	8,640	5.0	11.6
	03/11/96	313	18.0	9.1	8.3	8,620	5.5	11.5
	03/21/96	323	15.0	10.7	8.3	9,630	5.5	12.4
	03/28/96	330	20.0	12.0	8.1	9,310	5.5	10.4
	04/04/96	337	20.0	16.5	8.4	9,550	6.0	11.9
	04/12/96	345	12.0	12.5	8.2	9,200	5.5	8.3
	04/15/96	348	4.0	9.3	8.4	8,570	5.0	10.5
	04/26/96	359	16.0	14.7	8.4	8,710	5.5	9.6

Appendix B. Continued.

Water

Station	Date	Day of study	Air temp. (EC)	temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW5	05/02/96	364	18.0	15.1	8.3	8,630	5.0	8.5
	05/20/96	383	21.0	17.4	8.0	820	1.0	7.5
	05/31/96	394	18.0	19.2	8.5	2,760	2.0	11.1
	06/07/96	401	21.0	22.5	8.2	3,150	2.0	6.5
	06/10/96	404	24.0	22.7	7.9	2,560	1.5	4.1
	06/21/96	415	26.0	21.6	8.1	1,660	1.0	6.5
	07/01/96	425	32.0	29.8	8.4	2,020	1.5	10.5
	07/09/96	433	27.0	25.7	8.2	3,160	2.0	6.9
	07/16/96	440	27.0	24.8	8.1	3,920	3.0	4.3
	07/25/96	449	27.0	25.0	8.1	6,000	3.5	4.8
	08/01/96	456	28.0	24.8	7.8	6,520	4.0	4.0
08/13/96	468	25.0	22.9	7.7	7,810	5.5	5.4	
WW6	05/04/95	1	15.0	15.3	8.1	10,430	6.0	6.6
	05/11/95	8	14.0	17.9	8.5	10,410	6.0	12.3
	05/19/95	16	22.0	18.2	8.0	980	<1.0	7.3
	05/23/95	20	21.0	17.9	8.1	980	<1.0	7.2
	06/01/95	29	17.0	15.5	7.4	980	1.0	7.9
	06/05/95	33	17.0	13.5	7.4	450	<1.0	8.1
	06/12/95	40	20.2	14.5	7.7	440	<1.0	8.5
	06/26/95	54	23.0	16.0	7.8	310	<1.0	7.8
	07/05/95	63	17.5	14.8	7.8	370	<1.0	8.7
	07/11/95	69	26.0	18.2	8.3	350	<1.0	8.5
	07/17/95	75	24.0	18.5	7.8	350	<1.0	9.1
	07/24/95	82	21.5	17.9	7.6	490	0.5	7.7
	08/01/95	90	22.0	21.1	8.1	2,160	1.0	9.7
	08/07/95	96	18.0	21.2	8.6	7,550	4.5	12.5
	08/22/95	111	22.0	26.0	8.3	6,870	4.0	7.8
	08/31/95	120	24.0	21.8	8.2	7,460	4.0	8.7
	09/07/95	127	20.0	21.3	8.2	6,460	4.0	6.7
	09/11/95	131	14.0	17.6	8.1	6,990	4.0	4.2
	09/21/95	141	8.0	11.9	8.2	4,000	3.0	7.8
	09/26/95	146	18.0	16.4	8.3	4,670	3.0	6.6
	10/05/95	155	11.0	16.5	8.4	5,370	3.0	8.8
10/12/95	162	20.0	18.5	8.2	5,710	3.5	11.6	
10/17/95	167	NS	16.5	8.6	7,160	4.0	16.6	
11/01/95	182	NS	11.7	8.1	6,100	4.0	7.6	
11/07/95	188	NS	14.2	8.1	5,170	3.0	8.8	
11/13/95	194	0.0	4.4	7.9	4,370	3.0	9.3	
11/30/95	211	14.0	7.4	8.1	5,870	4.0	10.9	

Appendix B. Continued.

Water

Station	Date	Day of study	Air temp. (EC)	temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW6	12/07/95	218	2.0	6.3	8.0	7,780	5.0	8.3
	12/12/95	223	4.0	5.1	7.7	7,180	4.5	7.9
	12/19/95	230	6.0	3.7	8.1	6,580	4.0	11.8
	01/10/96	252	-1.0	0.5	7.5	8,460	5.0	8.9
	01/19/96	261	-2.0	1.2	7.8	6,780	4.0	9.6
	01/25/96	267	3.0	2.5	7.9	7,890	5.0	16.2
	02/02/96	275	1.0	1.5	8.0	7,260	4.0	14.4
	02/09/96	282	6.0	2.0	8.6	5,890	3.5	8.3
	02/13/96	286	3.0	1.5	7.8	6,800	4.0	10.5
	02/20/96	293	10.0	7.3	8.1	7,400	5.0	8.9
	02/29/96	302	3.0	2.8	8.4	6,420	4.5	13.5
	03/07/96	309	16.0	11.9	8.3	8,000	5.5	16.3
	03/11/96	313	16.0	7.9	8.2	7,350	5.0	10.6
	03/21/96	323	19.0	11.2	8.3	8,150	5.0	16.5
	03/28/96	330	14.0	12.3	8.1	5,940	4.0	9.9
	04/04/96	337	18.0	19.3	8.4	8,420	5.5	13.2
	04/12/96	345	11.0	11.4	8.0	6,350	4.0	7.0
	04/15/96	348	5.0	8.6	8.3	6,770	4.0	10.2
	04/26/96	359	16.0	13.2	8.3	7,750	4.5	8.6
	05/02/96	364	17.0	15.5	8.3	6,720	4.0	7.2
	05/20/96	383	18.0	17.0	8.0	830	1.0	7.9
	05/31/96	394	18.0	18.8	8.3	1,980	1.5	8.1
	06/07/96	401	20.0	21.8	8.2	2,400	1.5	6.1
	06/10/96	404	22.0	20.5	7.9	1,590	1.0	4.5
	06/21/96	415	25.0	19.7	8.1	830	1.0	7.3
	07/01/96	425	31.5	28.7	8.2	1,780	1.5	9.6
	07/09/96	433	29.5	24.4	8.1	2,830	2.0	6.5
	07/16/96	440	26.0	24.3	8.0	3,950	2.5	7.0
	07/25/96	449	27.5	24.7	8.1	5,530	3.5	9.0
	08/01/96	456	27.5	24.5	7.9	5,550	3.5	9.1
	08/13/96	468	25.0	19.9	7.8	4,320	4.0	6.2
	09/17/96	503	11.0	11.8	8.1	3,610	2.0	5.4
	09/27/96	513	13.5	17.8	8.0	4,230	3.0	12.7
	10/04/96	520	12.5	13.8	7.7	4,710	3.0	5.4
	10/11/96	527	24.0	17.0	7.9	5,370	4.0	8.8
	10/16/96	532	9.5	13.2	7.7	4,780	3.5	4.8
	11/01/96	548	10.5	6.5	8.2	5,880	4.5	9.2

Appendix B. Continued.

Water

Station	Date	Day of study	Air temp. (EC)	temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW6	11/12/96	559	9.0	8.0	7.6	4,960	3.5	8.6
	11/22/96	568	14.0	10.7	8.0	5,500	4.0	10.4
	12/04/96	581	2.0	5.9	8.0	5,670	3.5	14.0
	12/09/96	586	4.0	1.9	8.6	1,070	1.0	12.3
	12/18/96	595	-3.0	0.7	8.6	1,120	1.0	13.8
	12/23/96	600	5.0	1.0	8.4	1,110	1.0	12.4
	12/31/96	608	10.0	2.1	8.5	890	1.0	11.8
	01/06/97	614	-2.0	0.9	8.4	930	1.0	12.5
	01/17/97	625	3.0	1.7	8.4	1,080	1.0	13.3
	01/24/97	632	7.0	3.8	8.1	1,010	1.0	NS
	01/31/97	639	9.0	4.2	8.0	1,000	1.0	12.2
	02/07/97	646	6.0	2.5	8.0	1,050	1.0	11.9
	02/10/97	649	2.0	1.5	8.4	910	<0.5	11.6
	02/19/97	658	9.0	5.2	8.2	960	0.5	10.9
	03/05/97	672	6.0	4.4	8.2	990	1.0	11.1
	03/12/97	679	9.0	6.7	8.4	770	0.5	10.6
	03/21/97	688	20.0	10.0	7.8	700	0.5	9.7
	04/04/97	702	11.5	10.0	7.9	840	0.5	9.9
	04/11/97	709	0.0	4.6	8.9	820	0.5	12.1
	04/15/97	713	14.5	9.1	8.2	720	0.5	9.6
	04/25/97	723	25.0	15.9	8.4	670	0.5	10.2
	05/09/97	737	21.5	13.4	8.0	420	0.5	8.6
	05/20/97	748	20.5	13.1	8.1	320	0.5	9.1
	06/05/97	757	20.5	13.8	8.0	270	<1.0	12.6
	06/12/97	764	26.0	19.2	8.1	340	<1.0	7.9
	06/16/97	768	20.0	17.6	8.0	380	<1.0	8.3
	06/27/97	779	26.5	17.7	7.9	310	<1.0	8.5
	07/11/97	793	27.0	19.3	7.5	560	0.5	9.7
	07/14/97	796	23.0	17.8	8.3	580	<1.0	11.2
	07/30/97	812	25.0	20.8	8.2	980	1.0	6.4
	08/11/97	824	17.0	18.0	8.4	690	<1.0	6.5
	09/15/97	859	22.0	17.7	8.4	810	<1.0	7.6
	10/14/97	888	13.0	9.2	NS	720	<1.0	11.1
	11/12/97	916	10.0	6.1	8.1	780	<1.0	10.1
	12/15/97	950	NS	1.0	NS	740	<1.0	NS
	01/12/98	978	5.0	1.3	8.7	910	<1.0	11.5
	02/17/98	1,014	5.5	4.0	NS	840	<1.0	10.9

Appendix B. Continued.

Water

Station	Date	Day of study	Air temp. (EC)	temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW6	03/17/98	1,042	12.0	7.2	8.2	830	<0.5	9.7
	04/14/98	1,070	13.0	7.1	9.0	760	<1.0	9.9
	06/15/98	1,132	15.0	15.6	8.2	490	<1.0	8.8
	07/13/98	1,160	23.0	20.1	8.3	550	<1.0	7.4
	08/17/98	1,195	25.0	22.7	8.4	940	<1.0	8.5
	09/14/98	1,223	23.0	18.8	8.2	1,020	<1.0	7.2
WW7	05/04/95	1	15.0	15.9	8.0	10,290	6.0	6.3
	05/11/95	8	13.0	17.4	8.4	9,940	6.0	10.4
	05/19/95	16	21.0	17.1	7.8	880	<1.0	7.4
	05/23/95	20	23.0	13.9	7.8	480	<1.0	7.8
	06/01/95	29	16.0	13.4	7.1	640	<1.0	7.4
	06/05/95	33	19.5	13.2	7.4	390	<1.0	8.5
	06/12/95	40	20.5	13.7	7.0	380	<1.0	8.6
	06/26/95	54	23.0	13.5	7.9	290	<1.0	8.9
	07/05/95	63	17.2	12.6	7.9	310	<1.0	9.3
	07/11/95	69	22.5	15.2	8.2	280	<1.0	8.8
	07/17/95	75	21.5	15.6	7.4	290	<1.0	8.8
	07/24/95	82	21.0	15.9	7.4	390	<1.0	8.0
	08/01/95	90	21.0	18.1	7.9	1,150	<1.0	7.8
	08/07/95	96	18.0	22.1	8.4	4,660	3.0	11.3
	08/22/95	111	20.0	23.2	8.2	6,730	4.2	7.4
	08/31/95	120	22.0	18.8	8.0	7,940	6.0	5.3
	09/07/95	127	23.0	21.8	8.4	6,920	4.0	12.8
	09/11/95	131	10.0	14.5	7.7	5,880	4.0	3.6
	09/21/95	141	10.0	14.1	8.5	4,420	3.0	8.5
	09/26/95	146	16.0	14.4	8.2	5,140	3.0	8.2
	10/05/95	155	12.0	14.4	8.4	5,890	4.0	9.4
	10/12/95	162	19.0	16.2	8.5	5,290	3.0	10.7
	10/17/95	167	18.0	13.9	9.1	6,090	4.0	10.9
	11/01/95	182	NS	14.5	8.5	6,250	4.0	15.1
	11/07/95	188	NS	12.0	8.2	6,390	4.0	14.1
11/13/95	194	-2.0	4.4	8.1	6,680	6.0	9.8	
11/30/95	211	11.0	9.0	7.5	8,640	5.0	11.0	
12/07/95	218	3.0	6.8	7.9	7,660	4.5	10.4	
12/12/95	223	1.0	5.4	7.9	7,030	4.0	8.9	
12/19/95	230	2.0	5.9	7.6	7,710	4.5	15.0	
01/10/96	252	-2.0	3.1	7.8	7,390	6.0	8.2	

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
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WW7	01/19/96	261	-1.0	2.7	7.3	7,840	5.0	10.2
	01/25/96	267	4.0	4.1	8.6	7,823	5.0	10.8
	02/02/96	275	4.0	2.8	7.9	7,120	4.0	13.2
	02/09/96	282	11.0	5.9	7.7	6,770	4.0	14.1
	02/13/96	286	-2.0	0.8	8.1	7,070	6.0	10.4
	02/20/96	293	10.0	7.3	7.9	7,180	4.5	13.5
	02/29/96	302	1.0	3.0	9.0	7,160	5.0	11.5
	03/07/96	309	14.0	9.0	8.6	6,480	4.0	15.3
	03/11/96	313	10.0	6.4	8.6	7,290	4.5	7.7
	03/21/96	323	11.0	8.9	8.5	8,660	5.0	8.8
	03/28/96	330	16.0	9.2	8.4	8,590	6.0	9.3
	04/04/96	337	16.0	14.4	9.0	8,150	5.0	10.2
	04/12/96	345	7.0	9.1	7.9	2,230	2.0	7.9
	04/15/96	348	2.0	8.3	8.6	6,170	4.0	10.6
	04/26/96	359	11.0	12.4	8.3	4,540	3.0	4.5
	05/02/96	364	17.0	13.6	8.2	4,730	3.0	7.0
	05/20/96	383	19.0	13.2	8.1	340	<0.5	8.7
	05/31/96	394	20.5	18.0	NS	2,080	1.0	6.7
	06/07/96	401	22.0	18.1	7.9	810	0.5	6.8
	06/10/96	404	19.0	17.8	7.9	700	<0.5	6.6
	06/21/96	415	23.0	16.7	7.7	430	<0.5	7.5
	07/01/96	425	20.5	19.5	7.6	780	1.0	6.4
	07/09/96	433	26.0	22.7	7.6	2,670	2.5	4.4
	07/16/96	440	23.5	21.8	7.8	4,050	2.5	6.5
	07/25/96	449	28.0	22.4	7.6	6,840	6.0	6.5
	08/01/96	456	25.0	20.5	7.5	6,560	4.0	4.0
	08/13/96	468	19.5	16.7	7.5	4,990	3.5	4.9
	WW8	05/04/95	1	17.0	15.7	8.0	3,400	2.0
05/11/95		8	20.0	17.4	8.0	4,560	3.0	7.5
05/19/95		16	NS	NS	NS	NS	NS	NS
05/23/95		20	NS	NS	NS	NS	NS	NS
06/01/95		29	17.0	13.2	7.2	520	<1.0	7.9
06/05/95		33	16.0	12.8	7.2	360	<1.0	8.6
06/12/95		40	19.8	13.0	7.6	340	<1.0	8.7
06/26/95		54	23.0	13.2	8.1	280	<1.0	9.2
07/05/95		63	17.2	12.5	7.4	320	<1.0	9.3
07/11/95		69	23.5	15.1	8.2	270	<1.0	8.9

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW8	07/17/95	75	21.5	15.5	7.3	290	<1.0	9.1

07/24/95	82	20.8	16.5	7.1	370	<1.0	7.6
08/01/95	90	21.0	21.1	8.0	1,140	<1.0	7.3
08/07/95	96	16.0	22.9	8.5	2,240	1.0	11.1
08/22/95	111	21.0	25.0	8.4	4,500	3.0	6.4
08/31/95	120	21.0	21.6	8.4	6,420	4.5	5.3
09/07/95	127	22.0	21.7	8.4	7,470	4.5	7.0
09/11/95	131	10.0	18.0	8.2	6,930	4.0	3.4
09/21/95	141	13.0	14.5	8.6	5,000	3.0	7.8
09/26/95	146	15.0	14.3	8.4	5,150	3.0	8.5
10/05/95	155	13.0	12.4	8.8	4,610	3.0	9.0
10/12/95	162	21.0	15.6	8.5	5,850	3.5	10.0
10/17/95	167	17.0	12.1	9.0	5,970	3.5	9.9
11/01/95	182	NS	13.4	8.2	5,650	4.5	11.4
11/07/95	188	NS	8.0	8.6	2,740	1.5	12.1
11/13/95	194	-2.0	4.3	8.6	4,800	3.0	12.3
11/30/95	211	11.0	5.6	8.4	6,510	4.0	18.3
12/07/95	218	3.0	5.9	7.9	7,320	4.5	10.5
12/12/95	223	1.0	4.8	8.0	7,570	5.0	12.5
12/19/95	230	5.0	5.0	8.0	7,600	4.5	13.8
01/10/96	252	-2.0	0.5	8.2	7,520	5.0	14.9
01/19/96	261	-1.0	1.2	7.5	7,520	4.5	16.2
01/25/96	267	7.0	1.4	8.2	7,830	6.0	15.5
02/02/96	275	3.0	2.3	7.9	6,970	4.0	18.2
02/09/96	282	10.0	4.9	7.8	5,680	3.5	>20.0
02/13/96	286	-1.0	1.9	8.2	7,520	5.5	14.4
02/20/96	293	10.0	7.4	8.1	9,040	5.0	13.5
02/29/96	302	2.0	2.2	8.6	7,620	5.0	15.0
03/07/96	309	17.0	7.2	8.3	7,580	4.5	13.0
03/11/96	313	10.0	7.2	8.4	8,330	5.0	12.3
03/21/96	323	12.0	9.7	8.5	7,770	4.5	11.7
03/28/96	330	14.0	9.9	8.5	6,460	4.0	11.9
04/04/96	337	21.0	15.1	8.5	4,320	3.0	10.2
04/12/96	345	NS	NS	NS	NS	NS	NS
04/15/96	348	NS	NS	NS	NS	NS	NS
04/26/96	359	14.0	13.9	8.2	3,490	2.0	7.5
05/02/96	364	17.0	14.8	8.3	2,980	2.5	7.9

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW8	05/20/96	383	NS	NS	NS	NS	NS	NS
	05/31/96	394	22.0	20.0	NS	1,330	1.0	8.4

	06/07/96	401	NS	NS	NS	NS	NS	NS
	06/10/96	404	NS	NS	NS	NS	NS	NS
	06/21/96	415	NS	NS	NS	NS	NS	NS
	07/01/96	425	NS	NS	NS	NS	NS	NS
	07/09/96	433	26.0	24.6	7.9	1,310	1.0	6.7
	07/16/96	440	24.0	23.2	8.0	2,800	2.0	6.5
	07/25/96	449	26.0	24.2	8.5	4,370	3.0	11.3
	08/01/96	456	26.0	22.9	7.7	6,250	6.5	6.0
	08/13/96	468	20.0	20.5	8.0	7,660	5.5	4.7
WW8a	09/17/96	503	9.0	14.0	8.7	6,270	5.0	4.7
	09/27/96	513	15.5	15.5	8.6	5,800	4.0	9.6
	10/04/96	520	13.5	13.4	8.1	5,270	4.0	7.2
	10/11/96	527	19.0	14.3	8.1	5,470	3.5	8.4
	10/16/96	532	13.5	11.7	8.1	5,900	3.5	8.5
	11/01/96	548	14.0	7.2	7.8	5,910	4.0	9.9
	11/12/96	559	11.0	6.5	7.5	6,190	4.0	11.3
	11/21/96	568	18.0	11.2	7.8	7,470	4.0	18.5
	12/04/96	581	6.0	3.2	8.0	6,680	4.0	>20.0
	12/09/96	586	3.0	2.5	8.2	1,230	1.0	12.4
	12/18/96	295	NS	NS	NS	NS	NS	NS
	12/23/96	600	NS	NS	NS	NS	NS	NS
	12/31/96	608	6.5	1.4	8.3	1,000	1.0	11.5
	01/06/97	614	-1.0	0.7	8.2	1,120	<0.5	12.5
	01/17/97	625	NS	NS	NS	NS	NS	NS
	01/24/97	632	6.0	0.9	8.3	1,110	1.0	NS
	01/31/97	639	10.0	2.3	8.2	1,240	1.0	14.2
	02/07/97	646	8.0	2.6	8.1	1,400	1.0	14.0
	02/10/97	649	2.0	1.1	8.4	920	1.0	11.9
	02/19/97	658	7.0	3.3	7.5	940	0.5	10.3
	03/05/97	672	10.0	5.4	8.1	1,120	1.0	9.9
	03/12/97	679	6.5	7.6	7.4	900	1.0	9.0
	03/21/97	688	12.5	10.8	6.7	820	1.0	6.7
	04/04/97	702	14.0	12.4	8.3	920	1.0	8.8
	04/11/97	709	3.0	5.4	8.9	1,120	0.5	12.3
	04/15/97	713	10.5	9.6	7.8	780	0.5	8.9

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW8a	04/25/97	723	NS	NS	NS	NS	NS	NS
	05/09/97	737	19.0	13.8	7.8	510	1.0	5.8
	05/20/97	748	19.5	13.5	8.0	350	0.5	8.4

	06/05/97	757	NS	NS	NS	NS	NS	NS
	06/12/97	764	NS	NS	NS	NS	NS	NS
	06/16/97	768	NS	NS	NS	NS	NS	NS
	06/27/97	779	NS	NS	NS	NS	NS	NS
	07/11/97	793	NS	NS	NS	NS	NS	NS
	07/14/97	796	22.0	16.9	8.0	530	<1.0	8.9
	07/30/97	812	23.0	20.8	7.7	820	1.0	4.8
	08/11/97	824	16.0	18.7	7.8	800	1.0	3.6
	09/15/97	859	NS	17.8	8.1	810	<1.0	6.0
	10/14/97	888	10.5	6.5	NS	700	<1.0	11.1
	11/12/97	916	11.0	6.8	7.9	920	<1.0	10.6
	12/15/97	950	5.0	1.0	NS	740	NS	13.4
	01/12/98	978	4.0	1.8	9.2	1,080	<1.0	11.9
	02/17/98	1,014	4.0	4.3	8.4	990	<1.0	11.3
	03/17/98	1,042	10.0	6.8	9.0	1,150	<0.5	9.4
	04/14/98	1,070	8.5	6.9	8.5	840	<1.0	8.3
	06/15/98	1,132	NS	NS	NS	NS	NS	NS
	07/13/98	1,160	25.0	19.3	7.8	560	2.0	5.8
	08/17/98	1,195	25.0	22.3	7.6	1,050	<1.0	4.8
	09/14/98	1,223	21.0	17.3	7.8	1,060	<1.0	7.6
WW8b	09/17/96	503	7.0	11.8	8.3	5,880	4.0	3.9
	09/27/96	513	16.0	17.6	8.6	5,820	4.0	9.5
	10/04/96	520	15.0	11.6	8.5	3,560	2.0	8.8
	10/11/96	527	23.0	15.3	7.8	5,950	4.5	5.9
	10/16/96	532	12.0	9.0	7.7	6,190	4.0	6.0
	11/01/96	548	14.0	9.3	8.0	6,070	4.0	8.9
	11/12/96	559	13.0	4.8	7.4	6,020	3.5	11.0
	11/21/96	568	17.0	11.9	8.0	7,340	4.0	14.8
	12/04/96	581	2.0	4.0	7.5	6,600	4.5	>20.0
	12/09/96	586	5.0	2.3	8.4	1,060	1.0	13.2
	12/18/96	595	-1.0	0.7	8.4	1,310	1.0	13.4
	12/23/96	600	NS	NS	NS	NS	NS	NS
	12/31/96	608	10.0	3.7	8.4	1,010	0.5	11.4

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW8b	01/06/97	614	-1.0	0.7	8.4	1,120	1.0	12.1
	01/17/97	625	5.0	3.7	8.3	1,180	1.0	14.3
	01/24/97	632	8.0	4.6	8.4	1,310	1.0	NS

	01/31/97	639	12.0	4.6	8.1	1,640	1.0	11.6
	02/07/97	646	8.0	4.3	7.9	1,320	1.0	11.4
	02/10/97	649	1.0	1.6	8.5	900	1.0	12.0
	02/19/97	658	7.0	4.7	7.8	980	0.5	11.0
	03/05/97	672	10.0	7.0	8.4	1,070	1.0	10.7
	03/12/97	679	7.5	6.1	8.0	940	0.5	10.5
	03/21/97	688	13.0	10.3	7.2	830	0.5	10.2
	04/04/97	702	13.0	11.5	8.3	940	1.0	9.5
	04/11/97	709	4.5	5.7	8.8	790	0.5	13.2
	04/15/97	713	10.0	8.4	7.6	730	0.5	9.9
	04/25/97	723	20.5	17.8	8.2	810	0.5	8.8
	05/09/97	737	11.5	13.0	7.9	520	1.0	7.4
	05/20/97	748	19.5	13.1	8.1	330	0.5	8.8
	06/05/97	757	24.5	14.9	7.9	270	<1.0	12.3
	06/12/97	764	24.5	17.1	7.7	310	<1.0	7.7
	06/16/97	768	17.5	14.3	7.6	330	<1.0	7.3
	06/27/97	779	23.5	16.3	7.6	330	<1.0	8.1
	07/11/97	793	24.0	17.8	7.2	520	<1.0	8.5
	07/14/97	796	21.0	16.0	8.2	600	<1.0	9.9
	07/30/97	812	23.0	20.2	7.9	880	1.0	6.9
	08/11/97	824	15.0	18.3	7.8	800	<1.0	4.5
	09/15/97	859	NS	17.3	8.1	880	<1.0	6.8
	10/14/97	888	11.5	8.2	NS	740	<1.0	10.8
	11/12/97	916	9.0	6.6	8.1	1,080	<1.0	10.6
	12/15/97	950	NS	0.2	NS	760	<1.0	13.8
	01/12/98	978	1.5	1.6	9.3	1,810	1.0	11.8
	02/17/98	1,014	4.5	3.8	9.0	840	<1.0	11.5
	03/17/98	1,042	7.5	6.9	9.3	920	<0.5	10.5
	04/14/98	1,070	6.5	6.5	9.1	930	<1.0	8.9
	06/15/98	1,132	12.0	14.3	8.2	500	<1.0	8.9
	07/13/98	1,160	25.0	19.8	7.9	670	1.0	7.3
	08/17/98	1,195	23.0	22.1	8.3	1,270	<1.0	9.6
	09/14/98	1,223	21.0	17.3	8.4	1,290	<1.0	13.7
WW9	05/04/95	1	21.0	18.3	8.2	1,260	<1.0	8.3

Appendix B. Continued.

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW9	05/11/95	8	19.0	12.8	7.7	590	<1.0	9.3
	05/19/95	16	20.0	15.0	7.9	620	<1.0	7.6
	05/23/95	20	16.0	13.0	7.3	430	<1.0	7.8
	06/01/95	29	16.0	13.4	7.6	510	<1.0	8.2

06/05/95	33	16.0	12.4	7.0	380	<1.0	8.4
06/12/95	40	19.8	13.1	7.4	360	<1.0	8.4
06/26/95	54	23.0	13.5	7.6	290	<1.0	8.9
07/05/95	63	16.5	12.5	7.3	320	<1.0	9.1
07/11/95	69	20.2	15.3	8.2	270	<1.0	8.7
07/17/95	75	22.0	15.8	7.2	300	<1.0	8.7
07/24/95	82	20.0	16.0	7.1	370	<1.0	7.6
08/01/95	90	21.0	20.9	8.1	1,300	1.0	7.8
08/07/95	96	18.0	19.2	8.2	1,010	<1.0	7.3
08/22/95	111	26.0	30.0	8.4	4,750	3.0	12.1
08/31/95	120	19.0	18.6	7.9	6,840	4.5	3.4
09/07/95	127	21.0	22.4	8.4	7,890	4.5	10.0
09/11/95	131	10.0	16.2	7.6	4,930	3.0	2.3
09/21/95	141	11.0	15.7	8.8	5,230	3.0	8.7
09/26/95	146	14.0	13.4	7.8	5,330	4.0	6.4
10/05/95	155	11.0	13.3	8.4	4,570	3.0	8.9
10/12/95	162	19.0	14.8	8.6	5,960	3.5	8.6
10/17/95	167	13.0	9.3	9.2	5,710	3.5	8.1
11/01/95	182	NS	11.3	8.4	880	<1.0	10.4
11/07/95	188	NS	10.3	8.2	3,480	2.0	13.7
11/13/95	194	2.0	5.3	8.2	2,080	1.0	12.1
11/30/95	211	12.0	5.9	8.1	5,510	3.5	>20.0
12/07/95	218	2.0	5.8	7.88	4,580	3.0	10.8
12/12/95	223	2.0	3.9	8.4	5,530	3.0	12.5
12/19/95	230	3.0	3.4	7.9	7,400	4.0	>20.0
01/10/96	252	-2.0	1.5	8.9	910	1.0	13.2
01/19/96	261	0.0	2.4	8.1	7,650	4.5	18.4
01/25/96	267	2.0	1.6	8.9	8,410	5.0	>20.0
02/02/96	275	2.0	1.9	8.0	6,260	5.0	19.9
02/09/96	282	13.0	6.9	7.9	5,730	3.5	>20.0
02/13/96	286	-4.0	1.4	8.4	7,280	4.0	13.8
02/20/96	293	12.0	7.8	7.9	8,190	5.0	16.1
02/29/96	302	3.0	5.4	8.4	7,110	5.0	18.1

Appendix B. Continued

Station	Date	Day of study	Air temp. (EC)	Water temp. (EC)	pH	Cond. ¹ (µmhos/cm)	Salinity (g/L)	D.O. ² (mg/L)
WW9	03/07/96	309	3.0	3.6	8.7	7,860	5.5	13.9
	03/11/96	313	7.0	4.8	8.8	5,450	3.0	8.1
	03/21/96	323	12.0	10.3	9.3	6,190	4.0	12.6
	03/28/96	330	12.0	7.8	8.9	820	0.5	11.4
	04/04/96	337	14.0	13.4	8.0	1,030	1.0	9.7

04/12/96	345	8.0	8.6	8.1	800	0.5	8.9
04/15/96	348	1.0	8.1	8.3	1,480	1.0	10.2
04/26/96	359	11.0	11.3	8.6	570	0.5	9.0
05/02/96	364	15.0	10.5	8.3	690	0.5	9.1
05/20/96	383	20.0	13.1	8.3	340	<0.5	8.5
05/31/96	394	20.0	19.5	NS	1,280	1.0	8.4
06/07/96	401	22.0	19.8	8.4	1,000	1.0	8.3
06/10/96	404	17.5	20.4	7.8	822	0.5	6.2
06/21/96	415	22.0	16.5	7.7	410	<0.5	7.4
07/01/96	425	20.5	20.2	7.7	660	0.5	6.8
07/09/96	433	22.5	22.3	7.3	1,260	1.0	4.6
07/16/96	440	21.5	20.0	7.7	1,160	1.0	5.7
07/25/96	449	28.0	21.7	8.2	4,480	3.0	12.7
08/01/96	456	23.0	20.4	8.2	6,030	4.0	10.2
08/13/96	468	17.0	15.3	8.2	9,210	8.5	7.8

¹Cond. = Conductivity ($\mu\text{mhos/cm}$) corrected to 25°C.

²D.O. = Dissolved oxygen.

³NS: No sample collected due to no water flow, flooding, ice cover, or instrument or probe problem.