

**WATER-QUALITY MONITORING PROGRAM  
CHATFIELD BASIN AND RESERVOIR  
DENVER METROPOLITAN AREA  
ANNUAL BASIC-DATA REPORT  
JANUARY 1992-DECEMBER 1992**



ADVANCED  
SCIENCES, INC.

**WATER-QUALITY MONITORING PROGRAM  
CHATFIELD BASIN AND RESERVOIR  
DENVER METROPOLITAN AREA  
ANNUAL BASIC-DATA REPORT  
JANUARY 1992-DECEMBER 1992**

**Prepared For:**

**Chatfield Basin Authority  
Denver, Colorado**

**Prepared By:**

**Advanced Sciences, Inc.  
Lakewood, Colorado**

ASI Project No. 8969.20

Interim: June 8, 1992  
Updated: August 25, 1992  
Updated: October 28, 1992  
Final: January 27, 1993



January 27, 1993

Mr. Donald Moore, AICP  
Chair, Chatfield Basin Authority  
Douglas County Planning Division  
118 Third Street  
Castle Rock, Colorado 80104

Subject: Water-Quality Monitoring Program, Chatfield Basin and Reservoir, Denver  
Metropolitan Area: Annual Basic-Data Report, January 1992-December 1992  
ASI Project No. 8969.20

Dear Mr. Moore:

The 1992 Annual Basic-Data Report is submitted in fulfillment of the subject program's contract requirements. The attached Tables 1 through 12 incorporate the field measurements and laboratory chemical data collected by Advanced Sciences, Inc. (ASI) and available to date in conjunction with the Chatfield Basin and Reservoir Monitoring Program (see Figures 1 and 2) for the January-through-December 1992 period. A total of 7 duplicate samples were analyzed for this year's program. Data related to the supplemental tributary surveys (sites 4, 4A, and 4B; Figure 3) for the 1992 calendar-year period are provided in Tables 15 through 17 (there were no additional data for the fourth quarter). These were provided by the Plum Creek Waste Water Authority. No data were collected during 1992 for supplemental-tributary sites 2B and 3 (see ASI 1991 Annual Basic-Data Report, Tables 13 and 14). Data for sites 6, 6A, 6B, and 6C (see Figure 3) for the Bear Creek/West Plum Creek monitoring by Perry Park Water & Sanitation District are provided in Tables 18 through 21, respectively (there were no additional data for the fourth quarter). In-Reservoir chlorophyll-a concentrations and phytoplankton-species numbers are given in Tables 4 through 6. The detailed biological (phytoplankton-species) data for the July-through-September 1992 growing-season in-Reservoir surveys are included as Appendix A to this Annual Basic-Data Report.

ASI has provided in this Annual Basic-Data Report relevant Chatfield data from two other sources. Historical and recent data collected by the U.S. Army Corps of Engineers in Chatfield Reservoir are provided in Appendix B. These data are for the period of record from June 1982 through August 1992, and the data retrieval was provided by the Colorado Department of Health (Robert McConnell, CDH-WQCD, pers. commun., December 29, 1992). Historical and recent data collected by the Denver Water Department (DWD) are provided in Appendix C (Steve Lohman, DWD, pers. commun., January 27, 1993). In addition, it had been hoped that additional water-quality data could be incorporated from the Martin Marietta Corporation; however, these data were not available at the time of completion of this report.

ASI appreciates having the opportunity to provide the Chatfield Basin Authority with continuing water-quality monitoring and data compilation services. This Annual Basic-Data Report


Mr. Donald Moore, AICP  
January 27, 1993  
Page 2

constitutes the final deliverable under our 1992 calendar-year contract. As of mid-January 1993, we are proceeding under an interim letter authorization for continuing monitoring and reporting services for 1993. If you have any questions, or need additional information, please give us a call.

Yours truly,



Timothy D. Steele, Ph.D.  
Project Manager and Director,  
Water Resources Department

Reviewed by:   
James R. Kunkel, Ph.D., P.E.  
Senior Principal Hydrologist/Engineer

File: 8969.20

92Q4-LET.969

Attachments - Monitoring Site Locations Figures 1, 2, and 3  
- Water-Quality Basic Data Tables 1 through 12 and 15 through 21,  
January - December 1992  
- Appendices A through C

cc: Denver Regional Council of Governments  
2480 West 26th Avenue, Suite 200B  
Denver, Colorado 80211  
Attn: Mr. Larry G. Mugler

Martin Marietta Astronautics Group  
P.O. Box 179  
Denver, Colorado 80201  
Attn: Dr. Bill Haas  
Mr. Gary Parham

Centennial Water & Sanitation District  
62 West Plaza Drive  
Highlands Ranch, Colorado 80126  
Attn: Mrs. Roberta Rivers

Woodward-Clyde Consultants  
Stanford Place 3, Suite 1000  
4582 South Ulster Street Parkway  
Denver, Colorado 80237  
Attn: Dr. Keith Little, P.E.

Saunders, Snyder, Ross  
and Dickson, P.C.  
707 Seventeenth Street, Suite 3500  
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Attn: Ms. Holly I. Holder, Esq.

Plum Creek Wastewater Authority  
482 Happy Canyon Road  
Castle Rock, Colorado 80104  
Attn: Mr. Tim Grotheer  
Ms. Becky McMullen

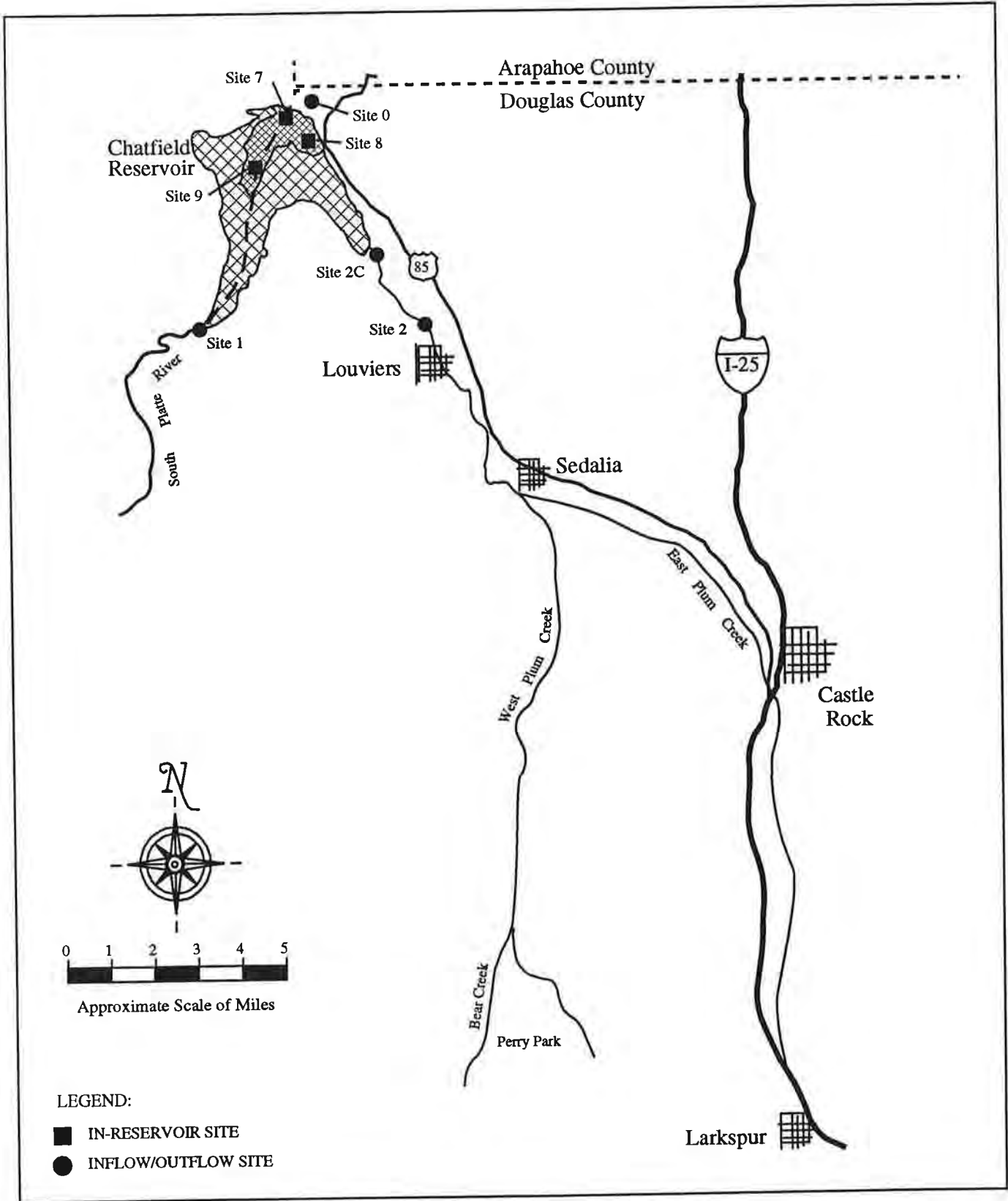
Perry Park Water and Sanitation District  
5657 West Red Rock Drive  
Larkspur, Colorado 80118  
Attn: Ms. Bev Carson

Tri-County Health Department  
7000 East Belleview Avenue, Suite 301  
Englewood, Colorado 80111-1628  
Attn: Mr. Warren S. Brown, P.E.

Jefferson County Attorney's Office  
1700 Arapahoe Street  
Golden, Colorado 80419  
Attn: Mr. Mike Deneen

Denver Water Department  
1600 West 12th Avenue  
Denver, CO 80254  
Attn: Mr. Bill Lauer

File: 92Q4-LET.969



**CHATFIELD BASIN AND RESERVOIR  
WATER-QUALITY MONITORING PROGRAM**

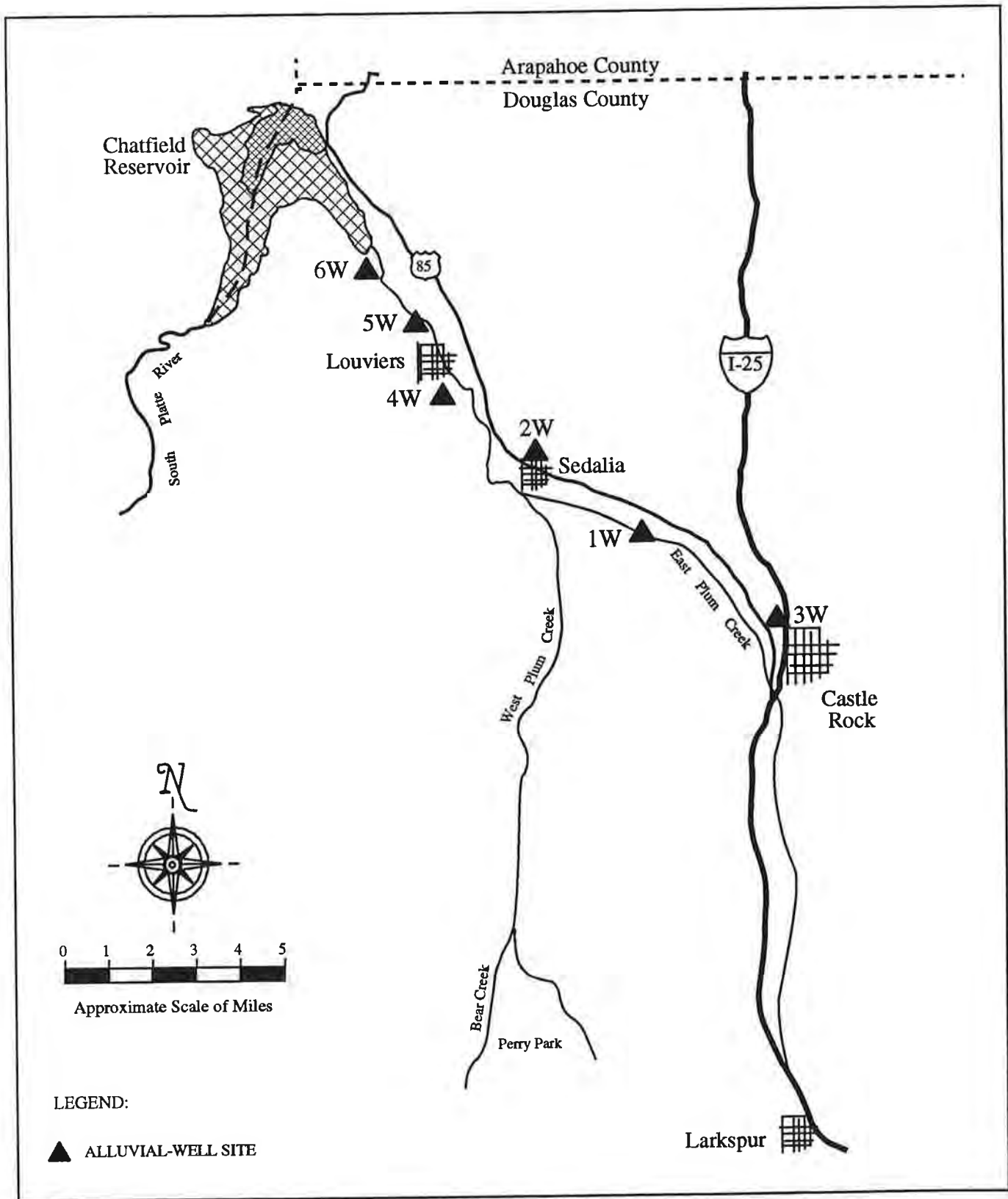
**INFLOW/OUTFLOW AND IN-RESERVOIR  
MONITORING LOCATIONS**

PROJECT NO. 8969.20

**FIGURE 1**

FILE: CHATFIG1





CHATFIELD BASIN AND RESERVOIR  
WATER-QUALITY MONITORING PROGRAM

ALLUVIAL-WELL  
MONITORING LOCATIONS

PROJECT NO. 8969.20

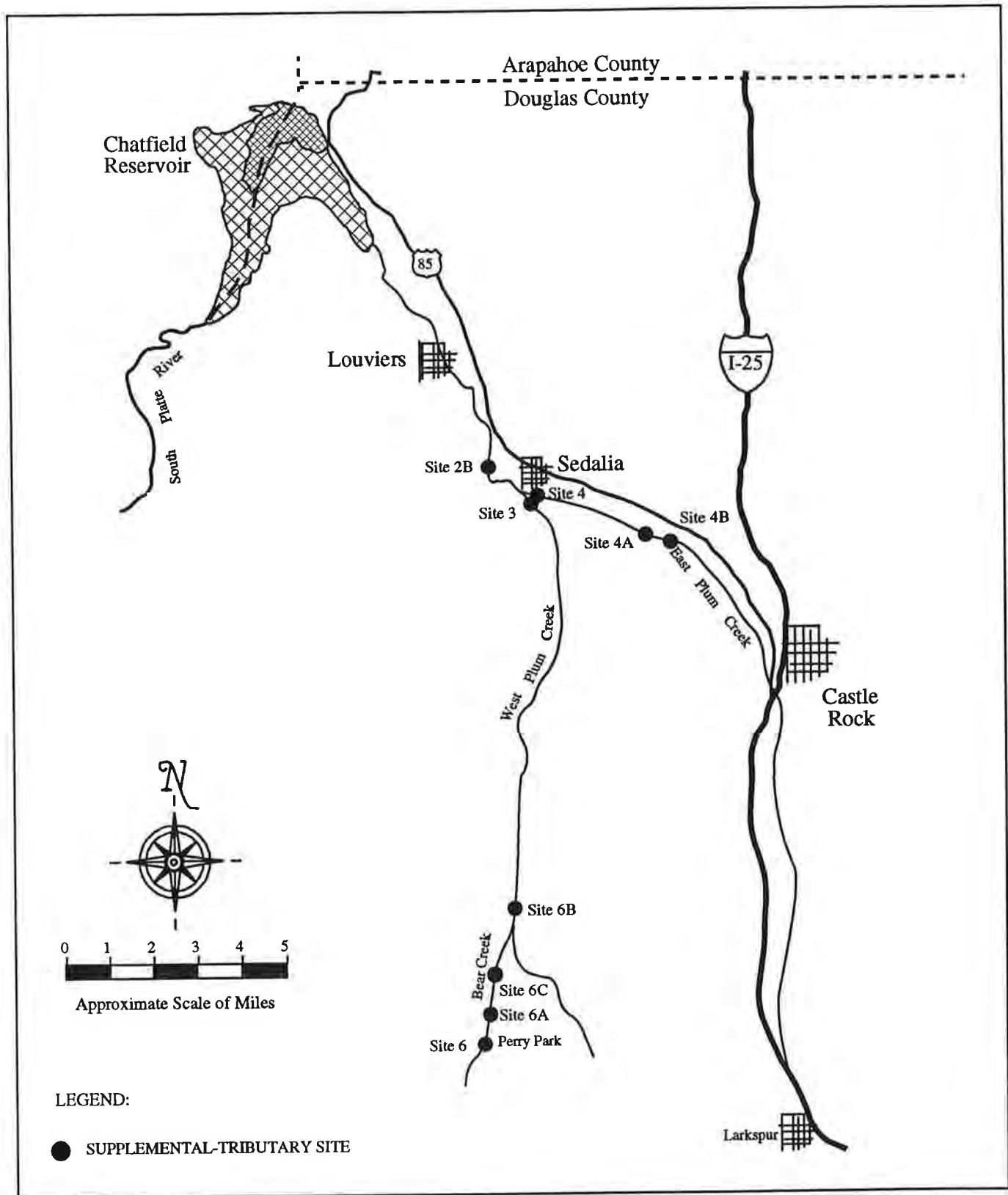
FIGURE 2

FILE: CHATFIG2



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STATUS: AUGUST 19, 1992



CHATFIELD BASIN AND RESERVOIR  
WATER-QUALITY MONITORING PROGRAM

SUPPLEMENTAL-TRIBUTARY  
MONITORING LOCATIONS

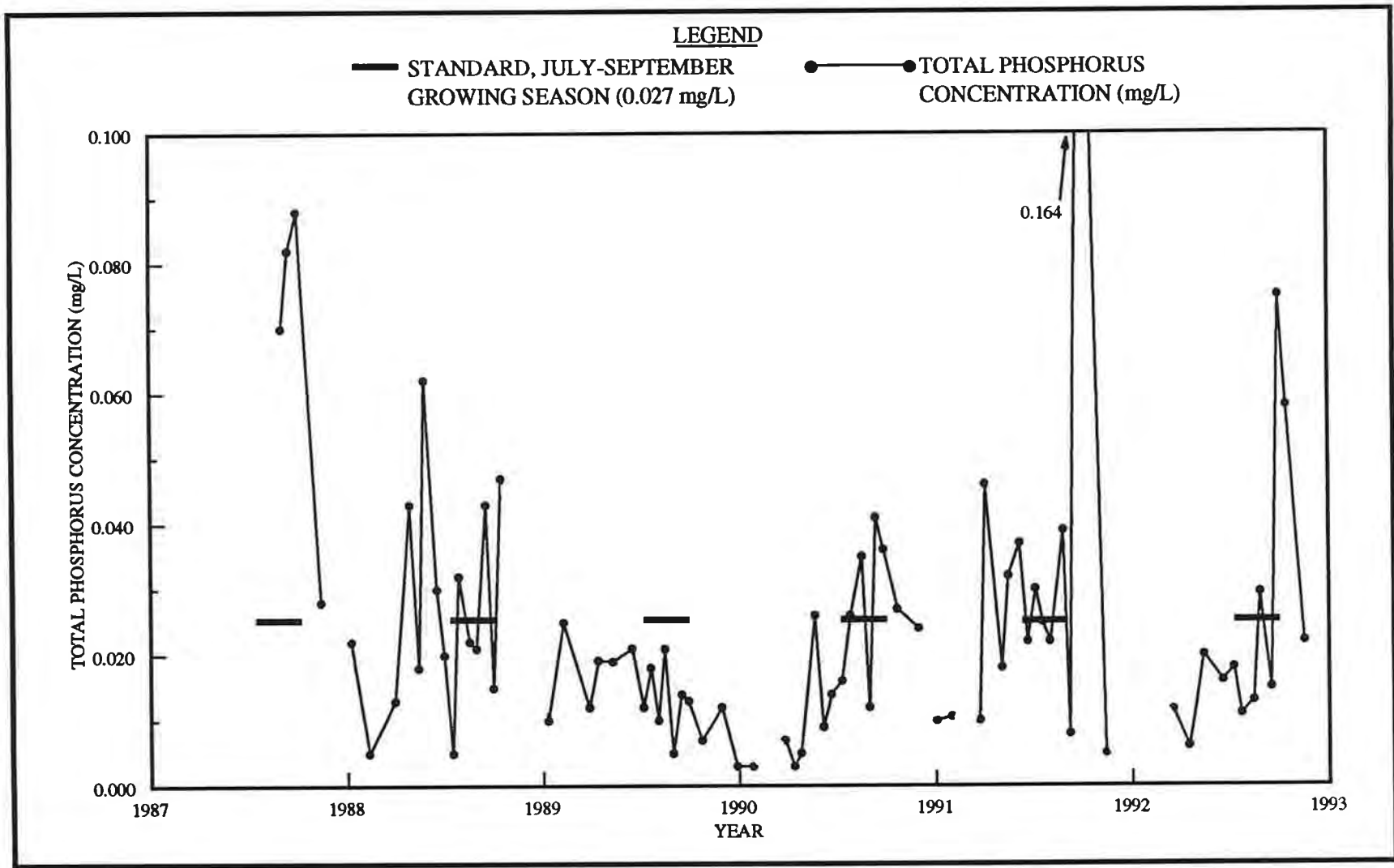
PROJECT NO. 8969.20

FIGURE 3

FILE: CHATFIG3



STATUS: AUGUST 19, 1992



**TIME SERIES OF AVERAGE TOTAL PHOSPHORUS CONCENTRATION  
CHATFIELD RESERVOIR 1987 - 1992**



FILE:FIG04A.DRW

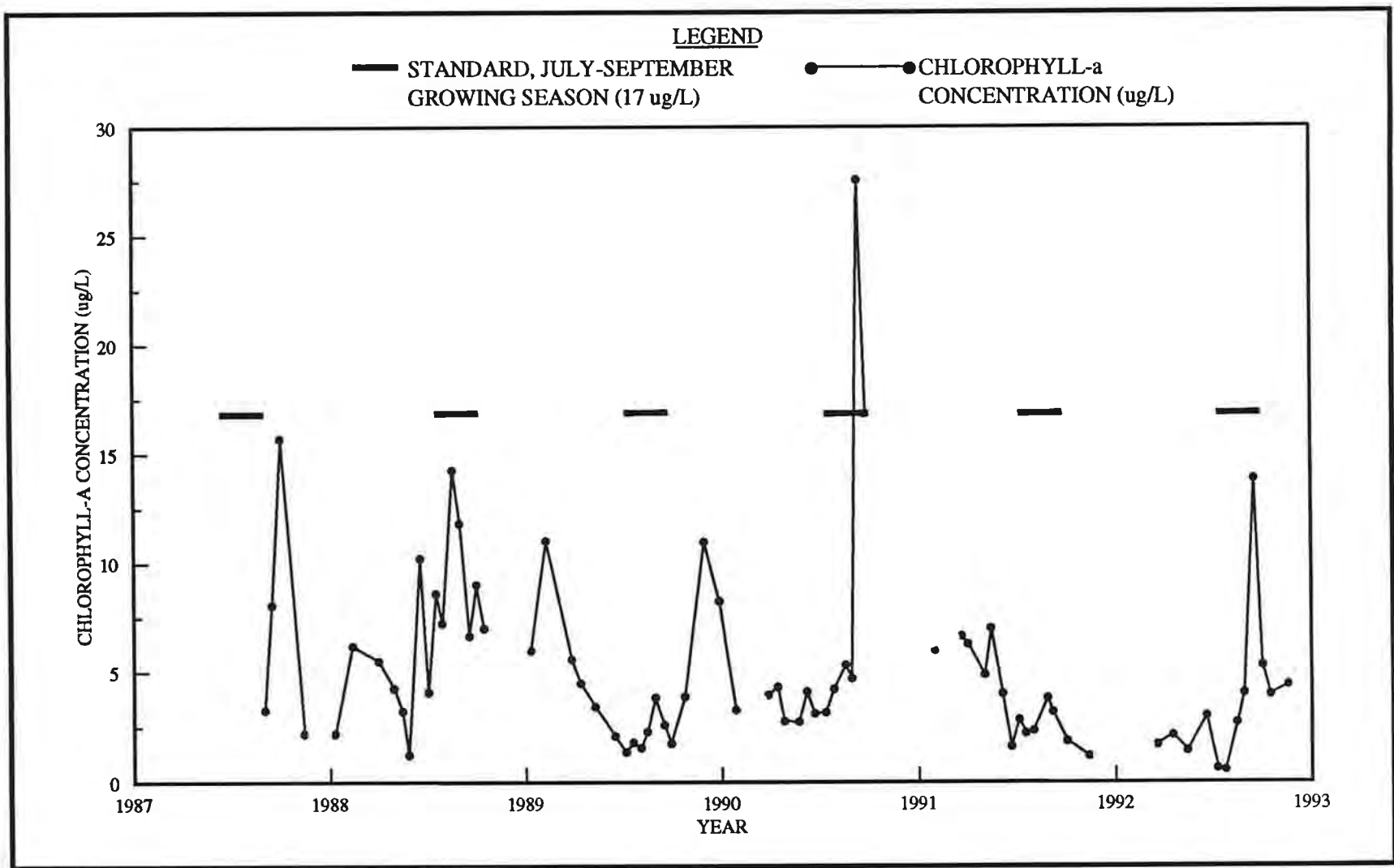
**CHATFIELD BASIN  
MONITORING PROGRAM**

Project No. 969

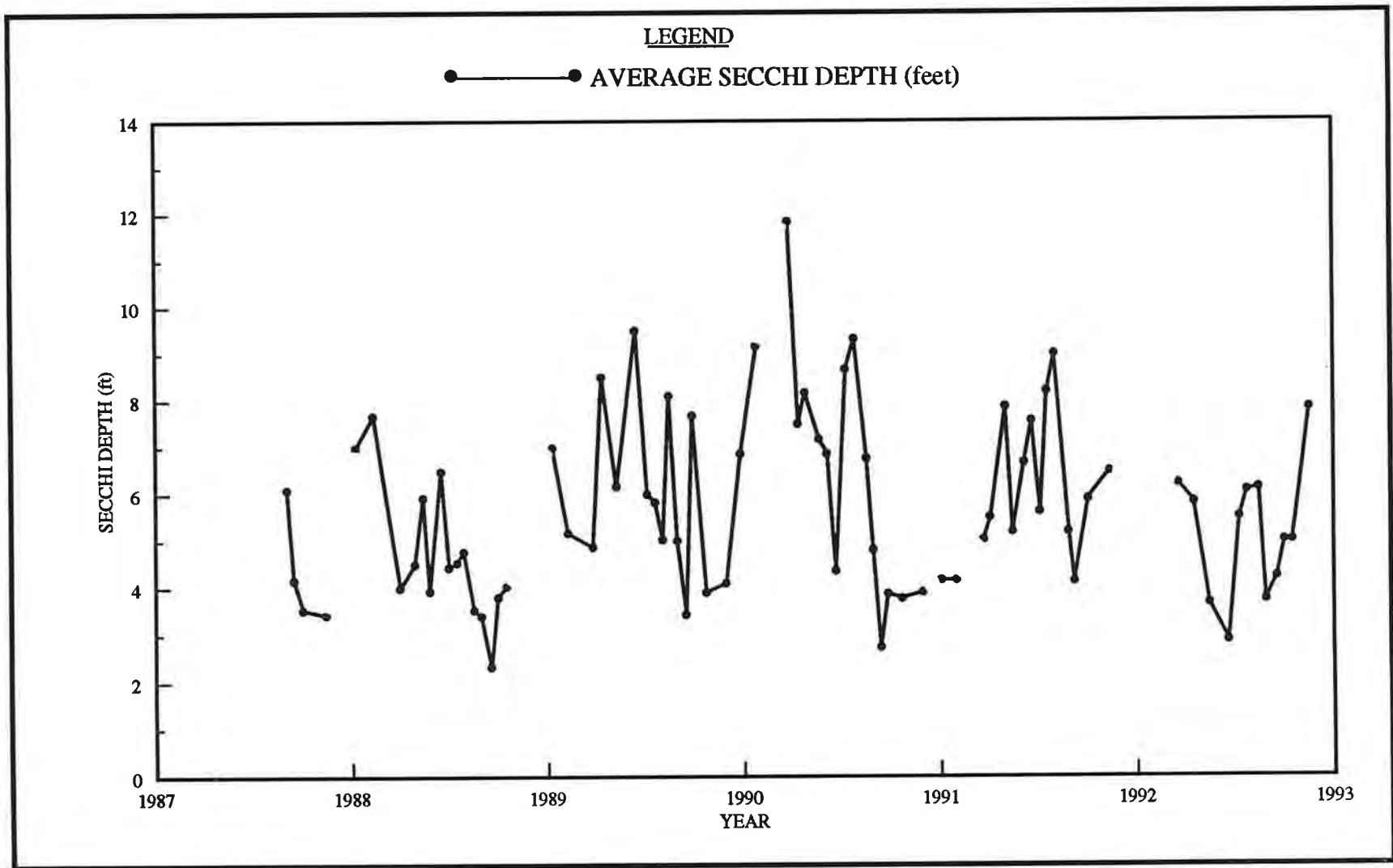
Figure 4

STATUS: 12/15/92





**TIME SERIES OF AVERAGE CHLOROPHYLL-a CONCENTRATION  
CHATFIELD RESERVOIR 1987 - 1992**



**TIME SERIES OF AVERAGE SECCHI DEPTH  
CHATFIELD RESERVOIR 1987 - 1992**



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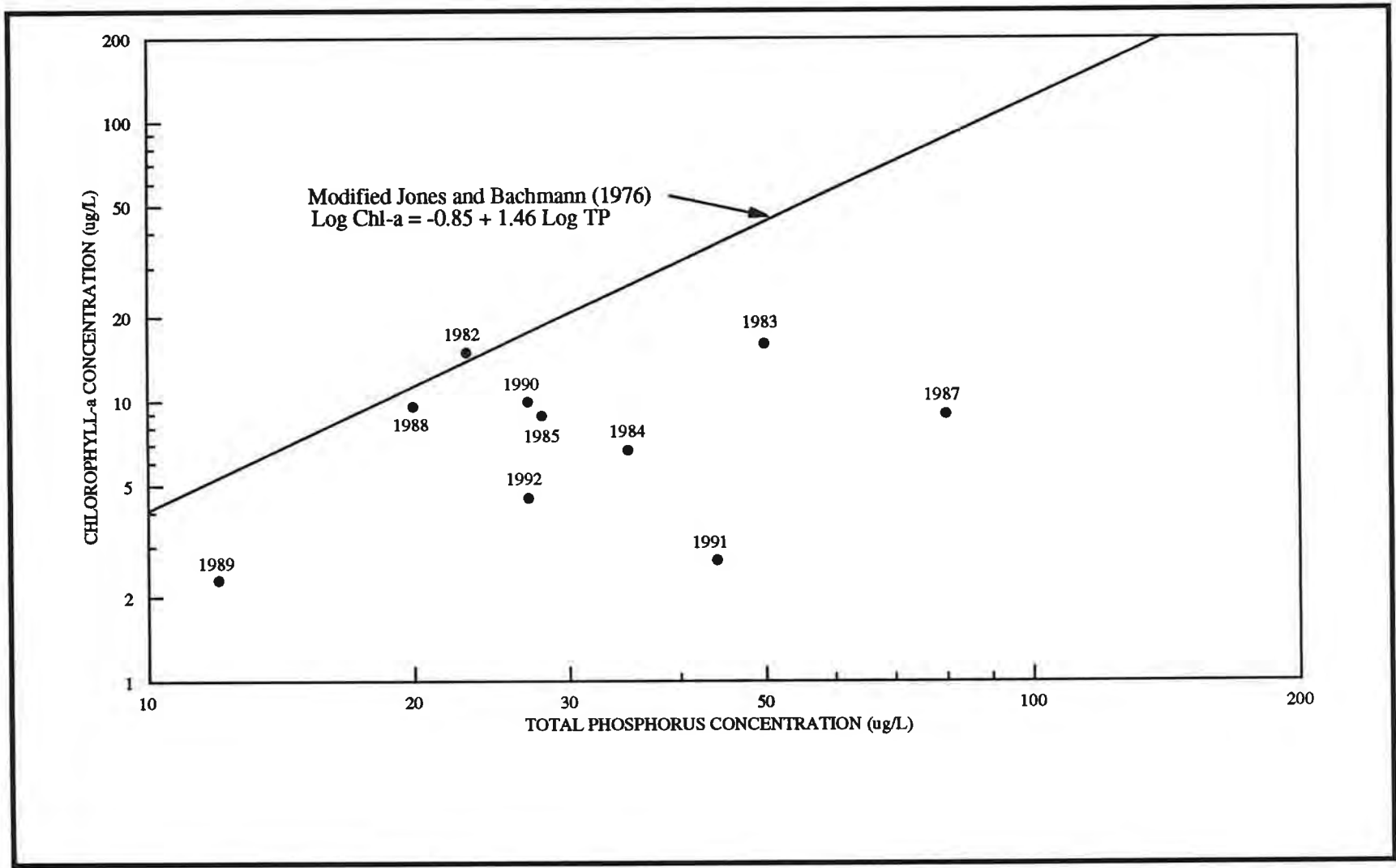
FILE:FIG06.DRW

**CHATFIELD BASIN  
MONITORING PROGRAM**

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Figure 6

STATUS: 12/09/92



JULY THROUGH SEPTEMBER VALUES OF CHLOROPHYLL-a vs. TOTAL PHOSPHORUS  
 CHATFIELD RESERVOIR 1982 - 1992



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CHATFIELD BASIN  
 MONITORING PROGRAM

Project No. 969

Figure 7



**TABLE 1**  
**06709601 CHATFIELD RESERVOIR OUTFLOW NEAR LITTLETON, CO. (SITE 0)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	INSTAN- TANEOUS STREAM- FLOW (CFS)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELDL (MG/L AS N)	PHOS- PHATE, TOTAL (MG/L AS P)
22-Jan-92	1414	5.0	50	210	10.6	6.1		0.05	0.03	0.12		
19-Feb-92	1250	6.0	45	210	11.4	7.9		0.18	-0.01	0.09		
17-Mar-92	840	7.0	100	220	10.0	7.4		0.13	-0.01	0.14		
15-Apr-92	915	12.5	200	250	7.6	7.8		0.08	-0.01	0.10		
13-May-92	1230	16.0	75	250	10.0	7.6		0.07	0.01	0.03		
17-Jun-92	920	19.0	200	260	7.6	7.3		0.13	-0.01	-0.02		
08-Jul-92	1106	19.0	40	260	8.2	7.3		-0.05	0.02	0.25		
13-Aug-92	950	20.5	175	250	7.5	7.5		0.06	-0.01	0.03		
26-Aug-92	945	18.0	15	250	7.2	7.8		-0.05	-0.01	0.03		
14-Oct-92	925	11.5	0.0	240	9.2	7.1		0.12	-0.01	0.06		
14-Oct-92	9999							-0.05	-0.01	-0.02		
16-Nov-92	1002	7.0	110	240	9.4	8.2		0.16	-0.01	-0.02		
09-Dec-92	1300	4.0	0.0	230	10.8	7.8		-0.05	-0.01	0.20		

**TABLE 1**  
**06709601 CHATFIELD RESERVOIR OUTFLOW NEAR LITTLETON, CO. (SITE 0)**  
**WATER-QUALITY DATA**

DATE	TIME	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	SUS- PENDE SEDI- MENT (MG/L)	LABOR- ATORY SAMPLE NUMBER
22-Jan-92	1414	0.023			0.005	8.0	429
19-Feb-92	1250	0.156				3.0	956
17-Mar-92	840	0.009			-0.005	-2.0	1628
15-Apr-92	915	0.027			-0.005	3.0	2322
13-May-92	1230	0.023			0.009	3.0	3299
17-Jun-92	920	0.025			0.009	13.0	4561
08-Jul-92	1106	0.028			0.011	8.0	5189
13-Aug-92	950	0.028			0.007	5.0	6332
26-Aug-92	945	0.037			0.007	13.0	6796
14-Oct-92	925	0.016			-0.005	8.0	8270
14-Oct-92	9999	0.008			-0.005	2.0	8274
16-Nov-92	1002	0.019			0.010	4.0	9044
09-Dec-92	1300	0.040			0.012	2.0	9706

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE SAMPLE IMMEDIATELY ABOVE.

**TABLE 2**  
**06708000 SOUTH PLATTE RIVER AT WATERTON, CO (SITE 1)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	INSTAN- TANEOUS STREAM- FLOW (CFS)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	PH LAB (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELD. (MG/L AS N)
22-Jan-92	1428	1.5	32	160	11.8	6.2			0.07	0.03	0.14	
19-Feb-92	1230	2.5	32	170	11.6	7.8			0.20	-0.01	0.10	
17-Mar-92	1130	6.5	31	140	11.0	7.6			0.06	0.02	0.47	
09-Apr-92	1240	10.0	34	170	10.4	8.1			0.42	-0.01	0.08	
15-Apr-92	900	9.0	34	180	8.1	7.8			0.07	-0.01	0.09	
22-Apr-92	1040	8.5	33	160	10.2	6.8			0.07	-0.01	0.04	
06-May-92	1455	16.0	29	220	8.4	7.7			0.08	-0.01	-0.02	
13-May-92	940	10.5		220	6.2	7.5			0.07	-0.01	-0.02	
13-May-92	9999								0.08	-0.01	-0.02	
20-May-92	1315	11.0	150	220	6.8	7.4			0.10	-0.01	-0.02	
27-May-92	1305	10.0	67	180	8.0	7.7			0.26	-0.01	0.02	
03-Jun-92	1350	14.0	280	160	10.2	7.5			0.18	-0.01	0.11	
12-Jun-92	1130	16.0	65	160	8.2	7.5			0.08	-0.01	0.08	
17-Jun-92	945	13.0	61	170	10.0	7.4			0.53	-0.01	0.07	
25-Jun-92	955	15.5	180	180	9.0	7.6			0.25	-0.01	0.11	
01-Jul-92	1440	21.0	72	220	6.6	7.4			0.06	-0.01	0.10	
08-Jul-92	1008	14.0	360	200	9.3	7.4			-0.05	0.01	0.10	
13-Aug-92	940	15.0	110	260	9.2	7.3			-0.05	-0.01	0.11	
26-Aug-92	955	15.0	120	200	7.8	7.8			-0.05	-0.01	0.09	
14-Oct-92	945	9.0	34	230	9.0	7.2			0.06	-0.01	-0.02	
14-Oct-92	9999								0.12	-0.01	0.07	
16-Nov-92	1020	4.0	34	190	10.2	8.2			0.11	-0.01	0.06	
09-Dec-92	1335	3.0	37	160	11.4	7.9			0.05	-0.01	0.12	

**TABLE 2**  
**06708000 SOUTH PLATTE RIVER AT WATERTON, CO (SITE 1)**  
**WATER-QUALITY DATA**

DATE	TIME	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	SUS- PENDE SEDI- MENT (MG/L)	LABOR- ATORY SAMPLE NUMBER
22-Jan-92	1428	-0.005			-0.005	5.0	430
19-Feb-92	1230	-0.005				3.0	955
17-Mar-92	1130	0.005			-0.005	-2.0	1629
09-Apr-92	1240	-0.005			-0.005	-2.0	2223
15-Apr-92	900	-0.005			-0.005	2.0	2321
22-Apr-92	1040	0.011			0.011	8.0	2513
06-May-92	1455	0.008			-0.005	-2.0	3070
13-May-92	940	0.006			0.006	3.0	3296
13-May-92	9999	0.006			0.006	-2.0	3298
20-May-92	1315	-0.005			-0.005	3.0	3536
27-May-92	1305	0.023			-0.005	2.0	3779
03-Jun-92	1350	0.026			0.011	6.0	4170
12-Jun-92	1130	0.006			0.007	3.0	4424
17-Jun-92	945	0.017			0.006	-2.0	4562
25-Jun-92	955	0.014			0.006	2.0	4801
01-Jul-92	1440	-0.005			-0.005	6.0	5014
08-Jul-92	1008	0.018			-0.005	2.0	5190
13-Aug-92	940	-0.005			-0.005	6.0	6333
26-Aug-92	955	0.024			-0.005	3.0	6797
14-Oct-92	945	0.005			-0.005	2.0	8272
14-Oct-92	9999	0.019			-0.005	8.0	8273
16-Nov-92	1020	0.032			-0.005	2.0	9045
09-Dec-92	1335	0.008			-0.005	-2.0	9709

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TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE SAMPLE IMMEDIATELY ABOVE.



**TABLE 3**  
**06709530 PLUM CREEK AT TITAN ROAD NEAR LOUVIERS, CO. (SITE 2)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	INSTAN- TANEOUS STREAM- FLOW (CFS)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	PH LAB (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELD. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)
22-Jan-92	1445	1.0	10	215	11.2	6.2			0.13	0.02	1.44		0.081
19-Feb-92	1200	4.0	4.6	200	11.0	7.5			0.48	0.04	0.45		0.217
17-Mar-92	1105	11.5	62	220	8.4	7.6			0.08	-0.01	0.12		0.104
09-Apr-92	1250	13.0	42	180	10.2	7.6			0.12	-0.02	0.30		0.157
15-Apr-92	930	14.0	160	150	7.7	6.8			0.08	0.07	0.21		0.110
22-Apr-92	1055	10.0	91	90	8.5	7.0			0.06	0.01	0.27		0.094
06-May-92	1510	10.5	59	290	7.0	7.2			0.11	0.01	0.07		0.086
13-May-92	1005	16.0	25	210	7.4	7.2			0.10	0.01	0.13		0.061
20-May-92	1330	15.5	16	230	7.4	7.2			0.23	-0.01	0.12		0.060
27-May-92	1248	14.0	8.4	160	8.2	7.2			0.56	-0.01	0.09		0.066
03-Jun-92	1340	22.0	42	220	7.7	7.4			0.11	0.01	0.33		0.093
12-Jun-92	1145	22.0	32	240	6.0	7.2			0.10	0.01	0.20		0.074
17-Jun-92	950	21.0	42	280	7.0	7.2			0.05	-0.01	0.17		0.185
25-Jun-92	1020	21.0	50	240	6.9	7.3			0.31	0.01	0.12		0.103
01-Jul-92	1430	15.0	38	160	8.8	7.5			0.10	0.02	0.14		0.101
08-Jul-92	1210	20.5	15	310	6.9	7.2			-0.05	0.01	0.05		0.060
13-Aug-92	930		0										
26-Aug-92	1205	18.5	50	290	9.2	7.7			-0.05	-0.01	0.21		0.059
14-Oct-92	1145	12.0	5.0	300	8.4	7.3			0.09	-0.01	0.18		0.015
16-Nov-92	1030	6.0	13	280	9.2	8.2			0.05	-0.01	0.63		0.038
09-Dec-92	1325	2.0	15	220	10.5	7.8			-0.05	-0.01	0.87		0.040

**TABLE 3**  
**06709530 PLUM CREEK AT TITAN ROAD NEAR LOUVIERS, CO. (SITE 2)**  
**WATER-QUALITY DATA**

DATE	TIME	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	SUS- PENDE D SEDI- MENT (MG/L)	LABOR- ATORY SAMPLE NUMBER
22-Jan-92	1445			0.031	99.0	431
19-Feb-92	1200			0.034	262.0	957
17-Mar-92	1105			0.042	88.0	1630
09-Apr-92	1250			0.061	33.0	2224
15-Apr-92	930			0.032	132.0	2323
22-Apr-92	1055			0.072	101.0	2514
06-May-92	1510			0.037	30.0	3071
13-May-92	1005			0.031	67.0	3297
20-May-92	1330			0.046	19.0	3537
27-May-92	1248			0.037	14.0	3780
03-Jun-92	1340			0.058	78.0	4171
12-Jun-92	1145			0.060	68.0	4425
17-Jun-92	950			0.132	13.0	4563
25-Jun-92	1020			0.054	86.0	4802
01-Jul-92	1430			0.055	160.0	5013
08-Jul-92	1210			0.042	20.0	5191
13-Aug-92	930					
26-Aug-92	1205			0.023	55.0	6798
14-Oct-92	1145			0.011	10.0	8271
16-Nov-92	1030			0.022	15.0	9046
09-Dec-92	1325			0.015	14.0	9708

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TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 3A  
393214105024201 PLUM CREEK ABOVE CHATFIELD RESERVOIR (SITE 2C)  
WATER-QUALITY DATA (PAIRED SAMPLE)**

DATE	TIME	TEMPER- ATURE (DEG C)	INSTAN- TANEOUS STREAM- FLOW (CFS)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MGL)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, AMMONIA TOTAL (MGL AS N)	NITRO- GEN, NITRITE TOTAL (MGL AS N)	NITRO- GEN, NITRATE TOTAL (MGL AS N)	PHOS- PHORUS, TOTAL (MGL AS P)	PHOS- PHORUS, ORTHO, TOTAL (MGL AS P)	SUS- PENDED SEDI- MENT (MGL)	LABOR- ATORY SAMPLE NUMBER
16-Nov-92	1235	7.0		270	9.2	7.1	0.10	0.01	0.64	0.036	0.029	4	9071
09-Dec-92	1315	2.5		240	10.8	7.7	0.12	0.01	0.84	0.075	0.022	4	9707

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE SAMPLE IMMEDIATELY ABOVE.

**TABLE 4**  
**393319105033501 CHATFIELD RESERVOIR NEAR DAM (SITE 7)**  
**WATER-QUALITY DATA**

DATE	TIME	TOTAL DEPTH (FEET)	SAMP-LING DEPTH (FEET)	TEMPER-ATURE (DEG C)	TRANS-PARENCY SECCHI DISK (FEET)	SPE-CIFIC CON-DUC-TANCE FIELD (US/CM)	OXYGEN, DIS-SOLVED (MG/L)	PH FIELD (STAND-ARD UNITS)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)
17-Mar-92	945		3.3	7.0	6.6	210	10.9	7.5	8.0	0.3		
17-Mar-92	950	28.2	26.2	7.0		210	11.0	7.5	8.0	0.3		
15-Apr-92	1050		3.8	13.0	7.6	240	8.6	7.6	2.0	0.7		
15-Apr-92	1055	35.4	33.4	10.2		250	7.8	7.6	2.0	0.4		
13-May-92	1105		1.9	16.0	3.8	260	8.0	7.4	2.0	-0.1		
13-May-92	9999					260	8.0	7.4	2.0	0.4		
13-May-92	1110	37.0	35.0	16.5		250	7.6	7.4	12.0	0.4		
17-Jun-92	1030		1.5	19.0	3.0	270	7.4	7.6	6.0	0.2		
17-Jun-92	1035	37.0	35.0	19.0		270	8.0	7.2	-2.0	0.4		
08-Jul-92	1106		3.0	20.0	6.5	320	7.6	7.6	6.0	0.3		
08-Jul-92 No lower depth sample												
22-Jul-92	1030		3.3	21.0	6.6	320	7.2	7.6	4.0	0.3		
22-Jul-92	1035	29.0	27.0	20.0		290	7.6	7.8	-2.0	0.2		
13-Aug-92	1040		2.8	21.0	5.6	260	6.8	7.0	12.0	0.1		
13-Aug-92	1045	20.8	18.8	20.0		260	6.8	7.2	8.0	0.2		
26-Aug-92	1100		2.0	19.5	4.0	250	6.4	7.6	4.0	0.4		
26-Aug-92	1105	36.2	34.2	19.0		200	5.8	7.6	14.0	0.5		
15-Sep-92	1020		2.0	20.0	4.0	250	6.8	7.4	-2.0	0.5		
15-Sep-92	1025	40.0	38.0	19.0		250	6.3	6.9	28.0	0.4		
30-Sep-92	1020		2.2	17.0	4.5	250	6.8	7.1	4.0	0.5		
30-Sep-92	9999								10.0	0.3		
30-Sep-92	1025	26.0	24.0	16.0		250	6.8	7.2	6.0	0.2		
14-Oct-92	1045		2.5	13.5	5.0	220	8.0	7.2	10.0	0.3		
14-Oct-92	1050	37.2	35.2	13.0		230	6.8	7.4	36.0	0.4		
16-Nov-92	1335		3.9	7.0	7.8	210	9.4	7.6	6.0	0.3		
16-Nov-92	1330	39.0	37.0	7.0		210	9.0	7.8	8.0	0.3		

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**TABLE 4**  
**393319105033501 CHATFIELD RESERVOIR NEAR DAM (SITE 7)**  
**WATER-QUALITY DATA**

DATE	TIME	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELDL. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CHLORO- PHYLL A CORR. (UG/L)	PHYTO- PLANK- TON, (SPEC- IES NUMBER)	LABOR- ATORY SAMPLE NUMBER
17-Mar-92	945			0.010			-0.005	1.8		1622
17-Mar-92	950			0.009			-0.005			1623
15-Apr-92	1050			0.008			0.008	1.1		2328
15-Apr-92	1055			-0.005			-0.005			2329
13-May-92	1105			0.022			0.010	1.6		3300
13-May-92	9999			0.024			0.015			3306
13-May-92	1110			0.021			0.008			3301
17-Jun-92	1030			0.020			0.007	4.1		4564
17-Jun-92	1035			0.020			0.009			4565
08-Jul-92	1106			0.017			-0.005	0.9	12	5192
08-Jul-92	No lower depth sample									
22-Jul-92	1030			0.007			-0.005	0.9	20	5613
22-Jul-92	1035			-0.005			-0.005			5614
13-Aug-92	1040			-0.005			0.006	2.5	14	6334
13-Aug-92	1045			0.027			0.008			6335
26-Aug-92	1100			0.021			-0.005	1.5	16	6803
26-Aug-92	1105			0.047			0.022			6804
15-Sep-92	1020			0.012			-0.005	21.8	13	7460
15-Sep-92	1025			0.025			0.007			7461
30-Sep-92	1020			0.024			-0.005	4.6	13	7933
30-Sep-92	9999			0.024			-0.005			7939
30-Sep-92	1025			0.227			0.241			7934
14-Oct-92	1045			0.119			0.125	4.4		8275
14-Oct-92	1050			0.037			0.013			8276
16-Nov-92	1335			0.026			0.011	4.8		9047
16-Nov-92	1330			0.024			0.006			9048

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 5**  
**393248105030201 CHATFIELD RESERVOIR NEAR PLUM CREEK INFLOW (SITE 8)**  
**WATER-QUALITY DATA**

DATE	TIME	TOTAL DEPTH (FEET)	SAMP-LING DEPTH (FEET)	TEMPER-ATURE (DEG C)	TRANSP-ARENCY SECCHI DISK (FEET)	SPE-CIFIC CON-DUC-TANCE FIELD (US/CM)	OXYGEN, DIS-SOLVED (MG/L)	PH FIELD (STAND-ARD UNITS)	PH LAB (STAND-ARD UNITS)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)
17-Mar-92	925		2.5	7.0	5.1	210	10.8	7.6		10.0	0.40	
17-Mar-92	930	10.8	8.8	7.0		220	10.4	7.4		12.0	0.30	
15-Apr-92	1010		0.6	14.0	1.2	230	8.0	7.6		20.0	0.40	
15-Apr-92	1015	16.5	14.5	13.0		240	7.6	7.7		12.0	0.40	
13-May-92	1040		1.1	16.0	2.2	250	7.4	7.4		16.0	0.30	
13-May-92	1045	14.5	12.5	16.5		250	7.0	7.5		22.0	0.40	
17-Jun-92	1010		1.5	19.0	3.0	270	7.8	7.6		4.0	0.40	
17-Jun-92	1015	11.4	9.4	19.0		260	7.2	7.5		12.0	0.40	
08-Jul-92	1055		2.5	20.5	5.0	310	7.1	7.7		2.0	0.2	
08-Jul-92	1052	10.1	7.6	20.0		300	7.3	7.9		10.0	0.5	
22-Jul-92	1000		1.7	21.0	3.4	300	7.2	7.9		-2.0	0.2	
22-Jul-92	9999									2.0	0.2	
22-Jul-92	1005	14.8	12.8	20.0		310	7.0	7.7		26.0	0.3	
13-Aug-92	1020		2.5	21.0	5.0	260	6.8	7.7		16.0	0.2	
13-Aug-92	1025	13.8	11.8	20.0		270	6.6	7.5		14.0	0.5	
26-Aug-92	1045		1.6	19.0	3.2	250	7.8	7.7		8.0	0.4	
26-Aug-92	1050	12.0	10.0	19.0		250	7.2	7.8		6.0	2.2	
15-Sep-92	1000		2.4	19.0	4.7	250	7.4	7.2		2.0	0.4	
15-Sep-92	1005	14.0	12.0	19.0		250	7.0	6.8		6.0	0.4	
30-Sep-92	1005		2.2	16.0	4.5	250	7.0	7.0		8.0	0.3	
30-Sep-92	1010	12.0	12.0	16.0		250	7.2	7.5		2.0	0.3	
14-Oct-92	1025		1.7	13.0	3.4	240	8.1	7.5		22.0	0.3	
14-Oct-92	1030	7.2	5.2	13.0		230	8.2	7.2		18.0	0.3	
16-Nov-92	1315		3.0	7.0	6.0	210	9.6	8.0		6.0	0.3	
16-Nov-92	1310	11.1	9.1	7.0		220	9.6	7.8		8.0	0.4	

**TABLE 6**  
**393212105042701 CHATFIELD RESERVOIR NEAR SOUTH PLATTE RIVER INFLOW (SITE 9)**  
**WATER-QUALITY DATA**

DATE	TIME	TOTAL DEPTH (FEET)	SAMP-LING DEPTH (FEET)	TEMPER-ATURE (DEG C)	TRANSPARENCY SECCHI DISK (FEET)	SPE-CIFIC CON-DUC-TANCE FIELD (US/CM)	OXYGEN, DIS-SOLVED (MG/L)	PH FIELD (STAND-ARD UNITS)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	NITRO-GEN, TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)
17-Mar-92	1015		3.5	7.5	7.0	220	10.0	7.6	10.0	0.20		
17-Mar-92	1020	12.0	10.0	7.0		210	10.5	7.6	12.0	0.20		
15-Apr-92	1030		4.3	14.0	8.7	260	7.8	7.6	2.0	0.40		
15-Apr-92	1035	13.0	11.0	13.0		250	8.4	7.9	2.0	0.30		
13-May-92	1140		2.5	17.5	5.0	250	8.4	7.5	4.0	0.40		
13-May-92	1145	7.0	5.5	17.5		250	8.1	7.6	4.0	0.30		
17-Jun-92	1050		1.3	19.5	2.6	250	6.7	7.5	10.0	0.30		
17-Jun-92	1055	5.9	4.5	19.5		250	7.4	7.5	10.0	0.60		
08-Jul-92	1124		2.5	19.5	5.0	290	7.7	7.8	6.0	0.20		
08-Jul-92	No lower depth sample											
22-Jul-92	1100		4.1	21.5	8.2	280	7.2	7.8	-2.0	0.30		
22-Jul-92	1105	15.5	13.5	20.0		280	7.6	7.8	-2.0	0.20		
13-Aug-92	1100		3.9	20.5	7.8	270	7.0	7.8	-2.0	0.20		
13-Aug-92	1105	12.2	10.2	20.0		270	7.4	7.3	2.0	0.20		
26-Aug-92	1120		2.0	19.5	4.0	250	7.2	7.8	2.0	0.30		
26-Aug-92	1125	9.2	7.2	19.5		250	7.2	7.8	-2.0	0.40		
15-Sep-92	1040		2.0	19.0	4.0	240	7.0	7.3	-2.0	0.30		
15-Sep-92	1045	9.4	7.4	19.0		255	6.6	6.5	8.0	0.30		
30-Sep-92	1040		3.0	16.0	6.0	250	7.8	8.2	10.0	0.20		
30-Sep-92	1045	15.0	13.0	16.0		250	6.4	7.9	10.0	0.40		
14-Oct-92	1110		3.3	13.5	6.6	230	8.2	7.5	12.0	0.40		
14-Oct-92	1115	10.2	8.2	13.5		220	8.4	7.2	14.0	0.40		
16-Nov-92	1350		4.8	7.0	9.7	210	9.6	8.2	4.0	0.30		
16-Nov-92	1355	9.7	7.7	7.0		210	9.4	8.1	2.0	0.30		

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**TABLE 6**  
**393212105042701 CHATFIELD RESERVOIR NEAR SOUTH PLATTE RIVER INFLOW (SITE 9)**  
**WATER-QUALITY DATA**

DATE	TIME	TOTAL DEPTH (FEET)	SAMP-LING DEPTH (FEET)	TEMPER-ATURE (DEG C)	TRANS-PARENCY SECCHI DISK (FEET)	SPE-CIFIC CON-DUC-TANCE FIELD (US/CM)	OXYGEN, DIS-SOLVED (MGL)	PH FIELD (STAND-ARD UNITS)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MGL)	NITRO-GEN, TOTAL (MG/L AS N)	NITRO-GEN, AMMONIA (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)
17-Mar-92	1015		3.5	7.5	7.0	220	10.0	7.6	10.0	0.20		
17-Mar-92	1020	12.0	10.0	7.0		210	10.5	7.6	12.0	0.20		
15-Apr-92	1030		4.3	14.0	8.7	260	7.8	7.6	2.0	0.40		
15-Apr-92	1035	13.0	11.0	13.0		250	8.4	7.9	2.0	0.30		
13-May-92	1140		2.5	17.5	5.0	250	8.4	7.5	4.0	0.40		
13-May-92	1145	7.0	5.5	17.5		250	8.1	7.6	4.0	0.30		
17-Jun-92	1050		1.3	19.5	2.6	250	6.7	7.5	10.0	0.30		
17-Jun-92	1055	5.9	4.5	19.5		250	7.4	7.5	10.0	0.60		
08-Jul-92	1124		2.5	19.5	5.0	290	7.7	7.8	6.0	0.20		
08-Jul-92	No lower depth sample											
22-Jul-92	1100		4.1	21.5	8.2	280	7.2	7.8	-2.0	0.30		
22-Jul-92	1105	15.5	13.5	20.0		280	7.6	7.8	-2.0	0.20		
13-Aug-92	1100		3.9	20.5	7.8	270	7.0	7.8	-2.0	0.20		
13-Aug-92	1105	12.2	10.2	20.0		270	7.4	7.3	2.0	0.20		
26-Aug-92	1120		2.0	19.5	4.0	250	7.2	7.8	2.0	0.30		
26-Aug-92	1125	9.2	7.2	19.5		250	7.2	7.8	-2.0	0.40		
15-Sep-92	1040		2.0	19.0	4.0	240	7.0	7.3	-2.0	0.30		
15-Sep-92	1045	9.4	7.4	19.0		255	6.6	6.5	8.0	0.30		
30-Sep-92	1040		3.0	16.0	6.0	250	7.8	8.2	10.0	0.20		
30-Sep-92	1045	15.0	13.0	16.0		250	6.4	7.9	10.0	0.40		
14-Oct-92	1110		3.3	13.5	6.6	230	8.2	7.5	12.0	0.40		
14-Oct-92	1115	10.2	8.2	13.5		220	8.4	7.2	14.0	0.40		
16-Nov-92	1350		4.8	7.0	9.7	210	9.6	8.2	4.0	0.30		
16-Nov-92	1355	9.7	7.7	7.0		210	9.4	8.1	2.0	0.30		



**TABLE 5**  
**393248105030201 CHATFIELD RESERVOIR NEAR PLUM CREEK INFLOW (SITE 8)**  
**WATER-QUALITY DATA**

DATE	TIME	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJLDL. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CHLORO- PHYLL A CORR. (UG/L)	PHYTO- PLANK- TON, (SPEC- IES NUMBER)	LABOR- ATORY SAMPLE NUMBER
17-Mar-92	925				0.014			-0.005	0.5		1624
17-Mar-92	930				0.018			-0.005			1625
15-Apr-92	1010				0.016			-0.005	3.7		2324
15-Apr-92	1015				-0.005			-0.005			2325
13-May-92	1040				0.019			0.011	1.2		3302
13-May-92	1045				0.016			0.014			3303
17-Jun-92	1010				0.015			0.008	2.8		4566
17-Jun-92	1015				0.016			0.011			4567
08-Jul-92	1055				0.019			-0.005	0.5	15	5193
08-Jul-92	1052				0.026			-0.005			5194
22-Jul-92	1000				0.015			0.010	0.5	13	5615
22-Jul-92	9999				0.014			0.008			5619
22-Jul-92	1005				0.029			0.014			5616
13-Aug-92	1020				-0.005			0.006	3.6	11	6336
13-Aug-92	1025				0.039			0.013			6337
26-Aug-92	1045				0.026			-0.005	3.0	20	6801
26-Aug-92	1050				0.027			-0.005			6802
15-Sep-92	1000				0.011			-0.005	7.1	16	7462
15-Sep-92	1005				0.015			-0.005			7463
30-Sep-92	1005				0.021			0.007	5.2	16	7935
30-Sep-92	1010				0.135			0.143			7936
14-Oct-92	1025				0.128			0.122	3.9		8277
14-Oct-92	1030				0.127			0.126			8278
16-Nov-92	1315				0.023			0.005	5.0		9049
16-Nov-92	1310				0.024			0.009			9050

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 6**  
**393212105042701 CHATFIELD RESERVOIR NEAR SOUTH PLATTE RIVER INFLOW (SITE 9)**  
**WATER-QUALITY DATA**

DATE	TIME	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJEDDL (MGL AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, DIS- SOLVED (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	CHLORO- PHYLL A CORR. (UG/L)	PHYTO- PLANK- TON, (SPEC- IES NUMBER)	LABOR- ATORY SAMPLE NUMBER
17-Mar-92	1015			0.009			-0.005	2.8		1626
17-Mar-92	1020			0.010			-0.005			1627
15-Apr-92	1030			-0.005			-0.005	1.6		2326
15-Apr-92	1035			-0.005			-0.005			2327
13-May-92	1140			0.017			0.010	1.5		3304
13-May-92	1145			0.020			0.010			3305
17-Jun-92	1050			0.015			0.008	2.1		4568
17-Jun-92	1055			0.010			0.007			4569
08-Jul-92	1124			0.009			-0.005	0.5	12	5195
08-Jul-92	No lower depth sample									
22-Jul-92	1100			0.008			-0.005	0.2	10	5617
22-Jul-92	1105			-0.005			-0.005			5618
13-Aug-92	1100			-0.005			-0.005	2.0	11	6338
13-Aug-92	1105			-0.005			-0.005			6339
26-Aug-92	1120			0.027			-0.005	7.6	11	6799
26-Aug-92	1125			0.029			-0.005			6800
15-Sep-92	1040			0.011			0.005	12.6	17	7464
15-Sep-92	1045			0.014			0.007			7465
30-Sep-92	1040			0.021			-0.005	6.0	17	7937
30-Sep-92	1045			0.021			-0.005			7938
14-Oct-92	1110			0.038			0.034	3.6		8279
14-Oct-92	1115			0.012			-0.005			8280
16-Nov-92	1350			0.020			-0.005	3.4		9051
16-Nov-92	1355			0.015			-0.005			9052

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 7**  
**392520104542001 ALLUVIAL WELL NEAR PLUM CREEK WASTEWATER AUTHORITY WWTP (SITE 1W)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	LAB- ORATORY SAMPLE NUMBER
19-Feb-92	1030	10.5	260	9.8	6.4	1.7	0.092	0.014	958
27-May-92	1045	11.0	230	8.7	6.9	3.6	0.114	0.104	3781
26-Aug-92	1400	13.0	270	6.2	8.2	3.4	0.120	0.083	6806
16-Nov-92	1205	11.0	270	4.8	7.4	1.4	0.750	0.016	9053

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 8**  
**392620104574001 ALLUVIAL WELL NEAR TOWN OF SEDALIA (SITE 2W)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	LAB- ORATORY SAMPLE NUMBER
19-Feb-92	1050	12.0	240	7.6	6.6	3.2	0.121	0.102	959
27-May-92	1115	12.5	240	9.1	6.7	3.7	0.071	0.064	3782
26-Aug-92	1415	14.0	290	6.6	8.2	3.7	0.067	0.055	6807
16-Nov-92	1115	11.0	280	7.0	7.5	3.5	0.109	0.097	9054

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 9**  
**392145104513001 ALLUVIAL WELL IN TOWN OF CASTLE ROCK WELL FIELD (SITE 3W)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	LAB- ORATORY SAMPLE NUMBER
19-Feb-92	1115	12.0	260	5.6	6.6	4.2	0.074	0.071	960
27-May-92	1025	11.5	290	9.0	6.5	1.0	0.036	0.005	3783
27-May-92	9999	11.5	290	9.0	6.5	1.1	0.032	-0.005	3787
26-Aug-92	1330	14.0	320	4.2	8.0	0.2	0.028	-0.005	6805
16-Nov-92	1105	12.0	270	5.6	7.4	4.2	0.059	0.061	9055

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 10**  
**392815104595001 ALLUVIAL WELL AT FLYING C RANCH ON DOUGLAS COUNTY ROAD (SITE 4W)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	LAB- ORATORY SAMPLE NUMBER
19-Feb-92	1135	14.0	180	2.6	7.4	-0.1	-0.005	-0.005	962
27-May-92	1205	13.5	180	3.2	7.2	-0.1	-0.005	-0.005	3784
26-Aug-92	1430	17.0	210	2.2	8.3	0.1	0.020	-0.005	6808
16-Nov-92	1050	17.0	200	4.0	7.7	0.1	0.010	-0.005	9056

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 11**  
**392905105000501 ALLUVIAL WELL NEAR PLUM CREEK AT LOUVIERS ROAD (SITE 5W)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	LAB- ORATORY SAMPLE NUMBER
19-Feb-92	1145	11.0	280	4.8	6.8	0.1	0.029	0.006	961
27-May-92	1220	11.0	230	4.6	6.9	0.2	0.023	0.012	3785
26-Aug-92	1440	13.0	270	3.6	8.3	0.3	-0.005	-0.005	6809
16-Nov-92	1045	11.0	250	3.4	7.6	0.2	0.024	0.014	9057

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

**TABLE 12**  
**393020105013001 ALLUVIAL WELL AT PLUM CREEK STABLES ON TITAN ROAD (SITE 6W)**  
**WATER-QUALITY DATA**

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CON- DUC- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	PH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	LAB- ORATORY SAMPLE NUMBER
19-Feb-92	1210	6.0	220	5.0	6.7	0.2	-0.005	-0.005	963
27-May-92	1240	8.0	250	5.4	7.1	0.2	-0.005	-0.005	3786
26-Aug-92	1500	19.0	290	6.8	8.2	1.2	0.041	-0.005	6810
16-Nov-92	1235	10.0	240	3.2	7.8	0.2	-0.005	-0.005	9058

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.



**TABLE 15**  
**EAST PLUM CREEK AT SEDALIA, COLORADO (SITE 4)**  
**SUPPLEMENTAL TRIBUTARY SURVEY--WATER-QUALITY DATA**

DATE	TIME	STAGE (FEET)	INSTAN- TANEOUS STREAM- FLOW (cfs)	TEMPER- ATURE (DEG C)	SPE- CIFIC CONduc- TANCE FIELD (US/CM)	OXYGEN, DIS- SOLVED (MGL)	pH FIELD (STD. UNITS)	BIO- CHEMICAL OXYGEN DEMAND (MGL)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELDL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	FECAL COLI- FORMS (#/100ML)
15-Jul-92				19.6			8.1		0.06	0.162	3.79			0.176	0.184	
28-Jul-92							7.9		0.09	0.105	2.12			0.179	0.104	
20-Aug-92									0.05	0.227	3.26			0.201	0.172	
01-Sep-92									0.28	0.309	2.34			0.238	0.300	
30-Sep-92							8.2		0.06	0.342	5.59			0.225	0.255	

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.  
 BLANK RANGES INDICATE NO DATA WERE AVAILABLE.  
 TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE SAMPLE IMMEDIATELY ABOVE.  
 SOURCE: PLUM CREEK WASTEWATER AUTHORITY.

**TABLE 16**  
**EAST PLUM CREEK DOWNSTREAM FROM THE PCWA WWTP (SITE 4A)**  
**SUPPLEMENTAL TRIBUTARY SURVEYS--WATER-QUALITY DATA**

DATE	TIME	INSTANTANEOUS STREAM- FLOW (CFS)	TEMPER- ATURE (DEG C)	SPE- CIFIC CONDUCT- TANCE (US/CM)	OXYGEN DIS- SOLVED (MG/L)	pH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELD. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO TOTAL (MG/L AS P)	FECAL COLI- FORMS (#/100ML)
02-Jan-92								0.67	0.168	13.50		0.480	0.044	
07-Jan-92								0.047	0.216	4.39		0.051	0.047	
14-Jan-92								0.83	0.373	9.92		0.060	0.048	
22-Jan-92								0.64	0.393	15.70		0.062		
27-Jan-92								0.38	0.191	6.22		0.069	0.050	
04-Feb-92								0.58	0.083	4.97		0.068		
11-Feb-92								0.18	0.080	8.36		0.052	0.049	
26-Feb-92						8.1		0.47	0.093	4.02		0.053	0.048	
02-Mar-92								0.17	0.023	1.70		0.043		
11-Mar-92						7.9		0.43	0.034	1.30		0.123	0.105	
19-Mar-92								0.13	0.055	1.43		0.110	0.101	
31-Mar-92								0.034	0.052	0.56		0.098		
07-Apr-92								0.073	0.050	0.78		0.123	0.119	
14-Apr-92								0.029	0.073	0.62		0.454	0.411	
21-Apr-92								0.042	0.139	1.62		0.253	0.229	
27-May-92								0.17	0.051	2.40		0.114	0.083	
02-Jun-92								0.28	0.201	6.90		0.349	0.247	
08-Jun-92								0.072	0.111	2.38		0.136	0.117	
17-Jun-92								0.059	0.372	1.90		0.084	0.076	
14-Jul-92								0.092	0.048	1.83		0.130	0.123	
20-Jul-92								0.35	0.442	2.90		0.090	0.058	
28-Jul-92								0.073	0.052	1.40		0.102	0.097	
18-Aug-92								0.53	0.649	6.50		0.115	0.085	
25-Aug-92								0.031	0.062	0.44		0.144	0.136	
01-Sep-92								0.047	0.017	11.00		0.094	0.107	
30-Sep-92								0.27	0.463	9.26		0.106	0.089	

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.  
 BLANK RANGES INDICATE NO DATA WERE AVAILABLE.  
 TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE SAMPLE IMMEDIATELY ABOVE.  
 SOURCE: PLUM CREEK WASTEWATER AUTHORITY.

**TABLE 17  
EAST PLUM CREEK UPSTREAM FROM THE PCWA WWTP (SITE 4B)  
SUPPLEMENTAL TRIBUTARY SURVEYS--WATER-QUALITY DATA**

DATE	TIME	STAGE (FEET)	INSTAN- TANEOUS STREAM- FLOW (CFS)	TEMPER- ATURE (DEG C)	SPE- CIFIC CONDUCT- TANCE (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	pH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELD. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO TOTAL (MG/L AS P)	FECAL COLI- FORMS (#/100ML)
02-Jan-92									0.10	0.000	1.35		0.073	0.068	
07-Jan-92									0.030	0.016	1.49		0.054	0.050	
14-Jan-92									0.055	0.014	1.49		0.064	0.054	
23-Jan-92									0.069	0.007	1.43		0.064	0.060	
27-Jan-92									0.050	0.020	0.01		0.088	0.059	
04-Feb-92									0.20	0.023	2.15				
11-Feb-92									0.13	0.010	1.15		0.059	0.102	
26-Feb-92							7.9		0.11	0.024	1.24		0.051	0.051	
02-Mar-92									0.088	0.011	0.76		0.105		
11-Mar-92				7.6			8.0		0.13	0.027	0.77		0.115	0.111	
19-Mar-92									0.040	0.034	0.63		0.101	0.102	
31-Mar-92									0.032	0.056	0.41		0.115		
07-Apr-92									0.069	0.042	0.56		0.092	0.120	
14-Apr-92									0.030	0.135	0.34		0.640	0.428	
21-Apr-92									0.037	0.136	0.52		0.253	0.246	
08-Jun-92									0.044	0.041	0.82		0.098	0.107	
17-Jun-92									0.042	0.180	0.66		0.090	0.086	
14-Jul-92									0.069	0.019	0.73		0.113	0.117	
20-Jul-92									0.044	0.015	0.83		0.105	0.083	
28-Jul-92									0.063	0.011	0.47		0.102	0.094	
18-Aug-92									0.054	0.017	0.44		0.110	0.105	
25-Aug-92									0.052	0.077	0.36		0.226	0.182	
01-Sep-92									0.053	0.011	0.51		0.099	0.107	
30-Sep-92									0.056	0.010	1.24		0.061	0.060	

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.  
 BLANK RANGES INDICATE NO DATA WERE AVAILABLE.  
 TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE SAMPLE IMMEDIATELY ABOVE.  
 SOURCE: PLUM CREEK WASTEWATER AUTHORITY.

**TABLE 18**  
**BEAR CREEK UPSTREAM FROM PERRY PARK WWTP, COLORADO (SITE 6)**  
**SUPPLEMENTAL TRIBUTARY SURVEYS--WATER-QUALITY DATA**

DATE	TIME	STAGE (FEET)	INSTAN- TANEOUS STREAM FLOW (cfs)	TEMPER- ATURE (DEG C)	SPE- CIFIC CONDUCT- TANCE FIELD (US/CM)	pH FIELD (STD.	OXYGEN, DIS- SOLVED (MG/L)	BIO- CHEMICAL DEMAND (MG/L)	NITRO- GEN- TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELDL (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P)	FECAL COLI- FORMS (#/100ML)	NITRO- GEN, NITRATE + NITRITE TOTAL (mg/L as N)	
24-Mar-92			0.75															
09-Apr-92			1.4	8.7									-0.2	-0.3	0.08			-0.02
21-Apr-92			1.6	12											-0.02			
06-May-92			1.4	8.7									0.4	0.3	-0.02			-0.02
21-May-92			0.2	0.64									-0.2	0.9	1.45			0.16
10-Jun-92			1.0										-0.2	-0.3	0.15			-0.02
07-Jul-92			0.5	0.50									-0.2	-0.3	-0.02			0.02
20-Jul-92													-0.2	-0.3	0.03			0.03
06-Aug-92													-0.2	-0.3	0.02			0.04

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.  
 BLANK RANGES INDICATE NO DATA WERE AVAILABLE.  
 TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.  
 E = ESTIMATED  
 SOURCE: PERRY PARK WATER & SANITATION DISTRICT

TABLE 19  
 BEAR CREEK DOWNSTREAM FROM PERRY PARK WWTP (SITE 6A)  
 SUPPLEMENTAL TRIBUTARY SURVEYS--WATER-QUALITY DATA

DATE	TIME	TEMPER- ATURE (DEG C)	SPE- CIFIC CONDUCT- TANCE (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	pH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELD. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO TOTAL (MG/L AS P)	FECAL COLI- FORMS (#/100ML)	NITRO- GEN, NITRITE + NITRATE TOTAL (mg/L as N)
24-Mar-92											0.31			0.19
09-Apr-92							-0.2			0.3	0.13			
21-Apr-92											0.16			0.31
06-May-92							-0.2			0.4	-0.02			3.23
21-May-92							-0.2			-0.3	1.34			0.52
10-Jun-92							-0.2			-0.3	0.30			0.23
07-Jul-92							-0.2			-0.3	0.07			0.85
20-Jul-92							-0.2			-0.3	0.05			1.92
06-Aug-92							-0.2			0.7	0.04			

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.  
 BLANK RANGES INDICATE NO DATA WERE AVAILABLE.  
 TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.  
 E = ESTIMATED  
 SOURCE: PERRY PARK WATER & SANITATION DISTRICT

**TABLE 20  
WEST PLUM CREEK DOWNSTREAM FROM THE CONFLUENCE OF BEAR CREEK (SITE 6B)  
SUPPLEMENTAL TRIBUTARY SURVEYS--WATER-QUALITY DATA**

DATE	TIME	STAGE (FEET)	INSTAN- TANEOUS STREAM- FLOW (CFS)	TEMPER- ATURE (DEG C)	SPE- CIFIC CONduc- TANCE (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	pH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELDL. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO TOTAL (MG/L AS P)	FECAL COLI- FORMS (#/100ML)	NITRO- GEN, NITRITE + NITRATE TOTAL (mg/L as N)
09-Apr-92		0.90	10 E						-0.2			0.3	0.16			0.03
21-Apr-92		1.00	12 E										0.09			
06-May-92		1.20	16 E						-0.2			0.3	-0.02			0.25
21-May-92									-0.2			0.6	0.06			0.09
10-Jun-92		0.50							-0.2			-0.3	0.20			0.21
07-Jul-92									-0.2			0.7	0.06			0.38
20-Jul-92									-0.2			-0.3	0.60			0.12
06-Aug-92									-0.2			0.4	0.05			0.04

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

E = ESTIMATED

SOURCE: PERRY PARK WATER & SANITATION DISTRICT

**TABLE 21  
BEAR CREEK UPSTREAM FROM THE CONFLUENCE OF WEST PLUM CREEK (SITE 6C)  
SUPPLEMENTAL TRIBUTARY SURVEYS--WATER-QUALITY DATA**

DATE	TIME	STAGE (FEET)	INSTAN- TANEOUS STREAM- FLOW (CFS)	TEMPER- ATURE (DEG C)	SPE- CIFIC CONduc- TANCE (US/CM)	OXYGEN, DIS- SOLVED (MG/L)	pH FIELD (STAND- ARD UNITS)	NITRO- GEN, TOTAL (MG/L AS N)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N)	NITRO- GEN, NITRITE TOTAL (MG/L AS N)	NITRO- GEN, NITRATE TOTAL (MG/L AS N)	NITRO- GEN, TOTAL KJELDL. (MG/L AS N)	PHOS- PHORUS, TOTAL (MG/L AS P)	PHOS- PHORUS, ORTHO TOTAL (MG/L AS P)	FECAL COLI- FORMS (#/100ML)	NITRO- GEN, NITRITE + NITRATE TOTAL (mg/L as N)
24-Mar-92													-0.02			
09-Apr-92									-0.2			0.4	0.15			0.15
21-Apr-92													0.18			
06-May-92									-0.2			0.4	-0.02			0.03
21-May-92									-0.2			0.5	-0.02			-0.02
10-Jun-92									-0.2			-0.3	0.10			-0.02
07-Jul-92									-0.2			0.9	-0.02			0.14
20-Jul-92									-0.2			-0.3	0.14			0.02
06-Aug-92									-0.2			-0.3	-0.02			-0.02

MINUS SIGN MEANS "LESS THAN" INDICATED VALUE.

BLANK RANGES INDICATE NO DATA WERE AVAILABLE.

TIME = 9999 MEANS THE SAMPLE IS A DUPLICATE OR A SPLIT OF THE VALUE IMMEDIATELY ABOVE.

E = ESTIMATED

SOURCE: PERRY PARK WATER & SANITATION DISTRICT





**APPENDIX A**

**PHYTOPLANKTON SPECIES AND DENSITY - 1992 CY**

Chatfield Reservoir Phytoplankton  
1992 Monitoring Program (AS)

Date (mm/dd/yy)	07/08/92	07/08/92	07/08/92	07/22/92	07/22/92	07/22/92	08/13/92	08/13/92	08/13/92
Site identification	RM-1	RP-1	RS-1	RM-1	RP-1	RS-1	RM-1	RP-1	RS-1

Units: Density=cells/mL

**DIVISION BACILLARIOPHYTA**

<i>Amphora ovata</i>									
<i>Asterionella formosa</i>				313					
<i>Cyclotella bodanica</i>	47	20	31						
<i>Cyclotella stelligera</i>									
<i>Diploneis</i> sp.									
<i>Fragilaria crotonensis</i>	16	98		63	109	8	125	8	16
<i>Melosira granulata</i> var. <i>angustissima</i>				188					
<i>Melosira granulata</i>									
<i>Melosira italica</i>							16	250	
<i>Melosira italica</i> var. <i>tenuissima</i>	47		8						
<i>Navicula capitata</i>					16				
<i>Navicula pupula</i>									
<i>Nitzschia acicularis</i>									
<i>Nitzschia agnewii</i>									
<i>Nitzschia palea</i>									
<i>Stephanodiscus dubius</i>									
<i>Stephanodiscus rotula</i> (S. rotula)				31	31		6		
<i>Stephanodiscus</i> sp.									
<i>Synedra acus</i>						16			

**DIVISION CHLOROPHYTA**

<i>Ankyra judayi</i>		78	31	63	125	93	63	63	31
<i>Ankyra lanceolata</i>	16			31	16		186	125	63
<i>Chlorella</i> sp.	1313		6000		500	31	500		1753
<i>Coccomyxa</i> sp.	1750	6728	8125	17688	45000	13000	1809	4188	560
<i>Coelastrum sphaericum</i>									
<i>Coemarianum</i> sp.									
<i>Gloeocystis</i> sp.				94			63		
<i>Oocystis gloeocystiformis</i>									
<i>Oocystis lacustris</i>		10							
<i>Oocystis parva</i>									
<i>Oocystis pusilla</i>		20		31					
<i>Oocystis solitaria</i>	16								
<i>Pseudosphaerocyttis lacustris</i>									
<i>Scenedesmus dimorphus</i>									
<i>Scenedesmus ecomis</i>			188						
<i>Scenedesmus linearis</i>	8	39	8						
<i>Schroederia setigera</i>									8
<i>Sphaerocyttis schroeteri</i>				125	167				
<i>Staurastrum paradoxum</i>									
<i>Tetraedron minimum</i>				363					
<i>Tetrastrum staurogeniaeforme</i>									

Chatfield Reservoir Phytoplankton  
1992 Monitoring Program (ASI)

Date (mm/dd/yy)	07/08/92	07/08/92	07/08/92	07/22/92	07/22/92	07/22/92	08/13/92	08/13/92	08/13/92
Site identification	RM-1	RP-1	RS-1	RM-1	RP-1	RS-1	RM-1	RP-1	RS-1
Units: Density=cells/mL									
<b>DIVISION CHRYSOPHYTA</b>									
Chrysococcus sp.			31						
Dinobryon divergens	31			188	16	125		31	16
<b>DIVISION CRYPTOPHYTA</b>									
Phodococcus minuta		195		31	31		43		94
<b>DIVISION CYANOPHYTA</b>									
Agmenellum quadriduplicatum (Merismopedia tenuissima)	2000	1521	250	2500	7500	5875	1127	1000	2692
Anabaena flos-aquae							31		
Anacystis cyanea (Microcystis aeruginosa)									
Anacystis (Aphanocapsa tetrastris)		234							
Anacystis (Gloeocapsa) sp.		8892		28500		25000		2688	
Anacystis sp.	65000	9750	83813	7125		1625	8704		8889
Aphanizomenon flos-aquae							344	689	157
Anacystis (Aphanocapsa tetrastris) var. constricta				3875	5625	21675			
Coccochloris (Aphanotheca) sp.	30250	488	33813	2250		875	6323	6125	
Gomphosphaeria (Coelosphaerium) sp.									
Gomphosphaeria wichurae (Coelosphaerium naegelianum)									625
Leptolyngbya (Thermidium) sp.									
Myxobaktron (Dactylococcopsis fascicularis)		20							
Oscillatoria limnetica									
Planktolyngpa subtilis (Lyngbya limnetica)				500					
<b>DIVISION PYRROPHYTA</b>									
Ceratium hirundinella		20	6	63					
<b>TOTAL DENSITY</b>	<b>134287</b>	<b>61906</b>	<b>146099</b>	<b>97829</b>	<b>96979</b>	<b>102314</b>	<b>53353</b>	<b>49621</b>	<b>48111</b>
<b>NUMBER OF SPECIES</b>	<b>12</b>	<b>15</b>	<b>12</b>	<b>20</b>	<b>13</b>	<b>10</b>	<b>14</b>	<b>11</b>	<b>11</b>

Chatfield Reservoir Phytoplankton  
1992 Monitoring Program (ASI)

Date (mm/dd/yy) 08/26/92 08/26/92 08/26/92 09/15/92 09/15/92 09/15/92 09/30/92 09/30/92 09/30/92  
Site identification RM-1 RP-1 RS-1 RM-1 RP-1 RS-1 RM-1 RP-1 RS-1

Units: Density=cells/mL

DIVISION BACILLARIOPHYTA

Amphora ovalis						31			
Asterionella formosa	16	16	187		63	188			
Cyclotella bodanica									
Cyclotella stelligera							125	94	31
Diploneis sp.						31			
Fragilaria crotonensis		63	343			94			
Melosira granulata var. angustica	6							31	
Melosira granulata	16	16							
Melosira ballia				125	94	288	626	219	260
Melosira italica var. tenuissima									
Navicula capitata									
Navicula pupula	10								
Nitzschia acicularis							31		31
Nitzschia agnewii						31			
Nitzschia palea	21	31							
Stephanodiscus dubius							313		344
Stephanodiscus rotula (S. astrae)	10	31		31	63	31		31	16
Stephanodiscus sp.									31
Synedra acus									

DIVISION CHLOROPHYTA

Ankyra judayi	31	125	31					63	8
Ankyra lanceolata	10			31	63			31	
Chlorella sp.	188	938		938	625	1500	1563	938	1813
Coccomyxa sp.	11033	10750	15125	8438	813	7563	10563	11180	27625
Coelastrum sphaericum									16
Cosmarium sp.		8							
Gloeocystis sp.									
Oocystis gloeocystiformis							125		
Oocystis lacustris									
Oocystis parva					165				
Oocystis pusilla									
Oocystis solitaria					31				
Pseudosphaerocyttis lacustris									
Scenedesmus dimorphus							125		
Scenedesmus eornis									
Scenedesmus linearis				8					
Schroederia setigera									
Sphaerocystis schroeteri									
Staurastrum paradoxum				16					
Tetraedron minimum									
Tetrastrum staurogeniaeforme						125			

Chatfield Reservoir Phytoplankton  
1992 Monitoring Program (ASI)

Date (mm/dd/yy)	08/26/92	08/26/92	08/26/92	09/15/92	09/15/92	09/15/92	09/30/92	09/30/92	09/30/92
Site identification	RM-1	RP-1	RS-1	RM-1	RP-1	RS-1	RM-1	RP-1	RS-1

Units: Density=cells/mL  
DIVISION CHRYSOPHYTA

Chrysococcus sp.									
Dinobryon bavaricum			31						
Dinobryon divergens	52	20	157		31	31			

DIVISION CRYPTOPHYTA									
Rhodomonas minuta			16	63	157		532	500	219

DIVISION CYANOPHYTA									
Agmenellum quadriduplicatum									
(Merismopedia tenuissima)	2750	2128	500	4000	2500	5375	2750	626	1500
Anabaena flos-aquae							665	500	2410
Anacystis cyanea (Microcystis aeruginosa)		125							
Anacystis (Aphanocapsa delicata)	375	780		6886	7500	4625	2875		1900
Anacystis (Gloeocapsa) sp.	21								
Anacystis sp.		3125				1250		187	
Aphanizomenon flos-aquae	208	2567	1722	10141	2974	20971		814	2754
Anacystis (Aphanocapsa elachista var. conferta)					2038				
Coccochloris (Aphanothece) sp.	125	1471	939	313	375	4000	750		9000
Gomphosphaeria (Coelosphaerium) sp.		16	63	188		125		125	1000
Gomphosphaeria wichurae			62						
(Coelosphaerium naegellanum)		344						63	
Leptolyngbya (Phormidium) sp.									
Myxobaktron (Dactylococcopsis fascicularis)									
Oscillatoria limnetica		876							
Planktolyngpa subtilis (Lyngbya limnetica)									

DIVISION PYRROPHYTA									
Ceratium hirundinella							6		6

TOTAL DENSITY	48746	57283	52987	64842	52402	80121	54701	49273	82417
NUMBER OF SPECIES	16	20	11	13	16	17	13	16	17

Note: Phytoplankton analyses performed by Richard Dufford, ASI Subcontractor, Ft. Collins, CO (Status Date: December 15, 1992)  
FILE: CHPHYT92.WQ1 SHEET 4 OF 4

**APPENDIX B**

**CHATFIELD RESERVOIR  
U.S. ARMY CORPS OF ENGINEERS DATA  
June 1982 - August 1992**

12-27-92

08CHL1  
39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM  
08035 COLORADO DOUGLAS  
MISSOURI RIVER LO 021091

/TYP/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE  
121MRCCE 770404 10190002084 0000.140 ON  
0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLORPHYL A UG/L CORRECTD	32216 CHLORPHYL TOTAL UG/L	32218 PHEOPHTIN A UG/L	70507 PHOS-T ORTHO MG/L P
82/06/16 1425		2.90000						
82/06/16 1425			8.30000					
82/06/16 1425			8.50000					
82/06/16 1425			8.50000					
82/06/16 1425			8.60000	.0200000				
82/06/16 1425			8.50000					
82/06/16 1510				.0300000				.0100000
82/07/14 1615	21.0000	1.70000	10.0000					
82/07/14 1615	19.0000		10.0000					
82/07/14 1615	19.0000		10.0000					
82/07/14 1615	20.0000		9.00000					
82/07/14 1615	20.0000		9.00000					
82/07/14 1615	19.0000		7.00000					
82/07/14 1615	18.0000		3.50000	.0300000				
82/07/14 1615	17.0000		2.80000					
82/07/14 1715				.0699999		.0000000		.0000000
82/08/19 1035	22.0000	1.40000	6.50000					
82/08/19 1035	22.0000		5.90000					
82/08/19 1035	22.0000		5.90000					
82/08/19 1035	21.0000		5.70000					
82/08/19 1035	19.0000		4.10000					
82/08/19 1035	18.0000		3.50000					
82/08/19 1035	18.0000		2.80000	.0500000				.0100000
82/08/19 1110				.0500000				
82/08/19 1116						28.0000		
82/09/15 1115	16.0000	1.30000	6.60000					
82/09/15 1115	16.0000		6.10000					
82/09/15 1115	16.0000		7.30000					
82/09/15 1115	16.0000		7.80000					
82/09/15 1115	16.0000		5.90000					
82/09/15 1115	16.0000		6.50000					
82/09/15 1145				.0400000	55.0000			.0100000
83/04/15 1445	7.00000	1.00000	10.6000					
83/04/15 1445	7.00000		10.2000					
83/04/15 1445	6.50000		10.3000					
83/04/15 1445	4.90000		10.6000					
83/04/15 1445	4.80000		10.7000					
83/04/15 1445	4.80000		10.6000					
83/04/15 1515				.0300000				.0000000

08CHL1

39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM

08035 COLORADO

DOUGLAS

MISSOURI RIVER

LO 091091

/TYPA/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE

10190002084 0000.140 ON

121MBRCE 770404

0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00073 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLRPHYL A UG/L CORRECTD	32216 CHLRPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
83/06/09 1313	19.0000	.450000	8.70000					
83/06/09 1313	15.0000		8.40000					
83/06/09 1313	14.0000		8.00000					
83/06/09 1313	13.0000		7.90000					
83/06/09 1313	12.0000		7.50000					
83/06/09 1313	12.0000		7.00000					
83/06/09 1313	11.0000		8.20000					
83/06/09 1313	11.0000		9.00000					
83/06/09 1400				.0799999	3.00000			.0300000
83/08/04 1230	24.0000	3.00000	7.50000					
83/08/04 1230	23.0000		7.00000					
83/08/04 1230	23.0000		7.60000					
83/08/04 1230	21.0000		6.30000					
83/08/04 1230	21.0000		5.60000					
83/08/04 1230	20.0000		5.50000					
83/08/04 1230	19.0000		3.10000					
83/08/04 1230	19.0000		4.30000	.0400000				.0200000
83/08/04 1300				.0699999	12.0000			
83/09/15 1326	21.0000		12.6000					
83/09/15 1326	19.0000		12.8000					
83/09/15 1326	18.0000		13.6000					
83/09/15 1326	18.0000		12.9000					
83/09/15 1326	18.0000		12.6000					
83/09/15 1326	18.0000		12.3000					
83/09/15 1326	18.0000		11.4000					
83/09/15 1326	19.0000		13.0000	.0300000				.0100000
83/09/15 1356				.0300000	17.0000			
84/02/08 1330	3.00000		12.2000					
84/02/08 1330	3.50000		12.5000					
84/02/08 1330	3.50000		12.5000					
84/02/08 1330	3.50000		11.2000					
84/02/08 1330	3.00000		11.2000					
84/02/08 1330	3.00000		10.3000					
84/02/08 1330	3.00000		9.50000					
84/02/08 1330	4.00000		6.70000					
84/02/08 1345				.0400000				.0000000
84/05/23 1310	21.0000	.400000	9.70000					
84/05/23 1310	20.0000		9.80000					
84/05/23 1310	15.0000		8.30000					



08CHL1  
39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM  
08035 COLORADO DOUGLAS  
MISSOURI RIVER LO 091091

/TYP/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE 10190002084 0000.140 ON  
0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLRPHYL A UG/L CORRECTD	32216 CHLRPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
84/05/23 1310	14.0000		7.90000					
84/05/23 1310	13.0000		7.80000					
84/05/23 1310	12.0000		7.50000					
84/05/23 1310	11.0000		6.80000					
84/05/23 1310	11.0000		6.60000					
84/05/23 1335				.140000	.0000000-?			.0100000
84/06/13 1006	18.0000	.500000	8.20000					
84/06/13 1006	18.0000		8.50000					
84/06/13 1006	17.0000		8.10000					
84/06/13 1006	16.0000		7.50000					
84/06/13 1006	15.0000		7.40000					
84/06/13 1006	15.0000		7.40000					
84/06/13 1006	14.0000		7.30000					
84/06/13 1006	14.0000		7.30000					
84/06/13 1045				.0500000	1.000000			.0100000
84/07/25 0835	22.0000	2.10000	7.50000					
84/07/25 0835	22.0000		7.40000					
84/07/25 0835	22.0000		7.50000					
84/07/25 0835	22.0000		7.50000					
84/07/25 0835	21.0000		6.60000					
84/07/25 0835	20.0000		6.50000					
84/07/25 0835	20.0000		5.50000					
84/07/25 0910				.0100000	.0000000-?			.0000000
84/09/05 1220	20.0000	1.20000	8.10000					
84/09/05 1220	19.0000		8.30000					
84/09/05 1220	19.0000		8.50000					
84/09/05 1220	18.0000		8.20000					
84/09/05 1220	18.0000		7.50000					
84/09/05 1220	17.0000		6.40000					
84/09/05 1220	17.0000		6.20000					
84/09/05 1300				.0300000	.0000000-?			.0100000
84/10/29 1300	3.00000	1.00000	10.2000					
84/10/29 1300	3.00000		10.2000					
84/10/29 1300	7.00000		10.4000					
84/10/29 1300	5.00000		10.6000					
84/10/29 1300	6.00000		12.3000					
84/10/29 1300	6.00000		14.7000					
84/10/29 1300	6.00000		17.5000					
84/10/29 1300	6.00000		17.0000					

08CHL1  
39 33 05.0 105 03 40.0 2CHATFIELD LAKE NR DAM  
08035 COLORADO DOUGLAS  
MISSOURI RIVER LO 091091

/TYP/AMNT/LAKE

WER MISSOURI SOUTH PLATTE  
121MRC 770404 10190002084 0000.140 ON  
0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLORPHYL A UG/L CORRECTD	32216 CHLORPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
84/10/29 1330				.0300000	12.0000			.0100000
85/02/20 1315	3.00000	3.50000	11.2000					
85/02/20 1315	3.00000		12.4000					
85/02/20 1315	3.00000		12.6000					
85/02/20 1315	3.00000		12.7000					
85/02/20 1315	4.00000		12.9000					
85/02/20 1315	4.00000		13.2000					
85/02/20 1315	3.00000		13.4000					
85/02/20 1315	3.00000		13.6000					
85/02/20 1345				.0699999				.0100000
85/06/13 0845	18.0000	3.00000	7.60000					
85/06/13 0845	18.0000		7.60000					
85/06/13 0845	19.0000		7.70000					
85/06/13 0845	18.0000		7.70000					
85/06/13 0845	17.0000		7.30000					
85/06/13 0845	15.0000		6.80000					
85/06/13 0845	15.0000		6.50000					
85/06/13 0925				.0300000	.0000000			.0100000
85/07/16 0910	18.0000	1.50000	6.50000					
85/07/16 0910	22.0000		6.50000					
85/07/16 0910	21.0000		6.60000					
85/07/16 0910	21.0000		6.60000					
85/07/16 0910	21.0000		6.60000					
85/07/16 0910	19.0000		5.20000					
85/07/16 0910	18.0000		4.90000					
85/07/16 0910	17.0000		4.10000					
85/07/16 0955				.0300000	.0000000			.0100000
85/08/06 0840	20.0000	3.00000	11.0000					
85/08/06 0840	20.0000		10.4000					
85/08/06 0840	20.0000		9.20000					
85/08/06 0840	20.0000		8.90000					
85/08/06 0840	20.0000		8.40000					
85/08/06 0840	18.0000		7.60000					
85/08/06 0840	18.0000		8.00000					
85/08/06 0840	17.0000		5.80000					
85/08/06 0930				.0300000				.0200000
85/08/06 0940					5.50000			
85/09/10 0850		1.00000						
85/09/10 0850	18.0000		8.20000					

08CHL1

39 33 05 0 105 03 40 0 2

CHATFIELD LAKE NR DAM  
 08035 COLORADO DOUGLAS  
 MISSOURI RIVER LO 091091

WER MISSOURI SOUTH PLATTE  
 121MRCR 770404 10190002084 0000.143 ON  
 0040 FEET DEPTH

/TYP/AMBNT/LAKE

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHERPHYL A UG/L CORRECTD	32216 CHERPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
85/09/10 0850	18.0000		7.00000					
85/09/10 0850	18.0000		5.80000					
85/09/10 0850	18.0000		4.00000					
85/09/10 0850	18.0000		3.20000					
85/09/10 0850	18.0000		3.00000					
85/09/10 0850	15.0000		2.30000					
85/09/10 0925				.0100000				.0100000
85/10/08 0845		.800000						
85/10/08 0845	9.00000		9.00000					
85/10/08 0845	9.00000		9.00000					
85/10/08 0845	9.00000		9.30000					
85/10/08 0845	9.00000		9.30000					
85/10/08 0845	9.00000		9.70000					
85/10/08 0845	9.00000		9.80000					
85/10/08 0845	8.00000		9.80000					
85/10/08 0930				.0500000				.0100000
86/03/19 1000				.0699999				.0100000
86/03/20 0930		1.90000						
86/03/20 0930	6.00000		9.80000					
86/03/20 0930	7.00000		9.70000					
86/03/20 0930	7.00000		9.60000					
86/03/20 0930	7.00000		9.80000					
86/03/20 0930	7.00000		9.80000					
86/03/20 0930	6.00000		9.60000					
86/03/20 0930	6.00000		9.60000					
86/03/20 0930	6.00000		9.80000					
86/05/21 1105		2.00000						
86/05/21 1105	15.0000		8.10000					
86/05/21 1105	15.0000		8.10000					
86/05/21 1105	15.0000		8.10000					
86/05/21 1105	15.0000		8.10000					
86/05/21 1105	15.0000		8.10000					
86/05/21 1105	14.0000		7.60000					
86/05/21 1105	13.0000		6.10000					
86/05/21 1105	13.0000		4.80000					
86/05/21 1155				.0100000				.0100000
86/06/18 0725		1.40000						
86/06/18 0725	18.0000							
86/06/18 0725	18.0000							

08CHL1

39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM

08035 COLORADO

DOUGLAS

MISSOURI RIVER

LO 091091

1 /TYP/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE

121MRCR 770404

10190002084 0000.140 ON

0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLRPHYL A UG/L CORRECTD	32216 CHLRPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
86/06/18 0725	18.0000							
86/06/18 0725	18.0000							
86/06/18 0725	18.0000							
86/06/18 0725	18.0000							
86/06/18 0725	17.0000							
86/06/18 0725	16.0000							
86/06/18 0755				.0400000				.0100000
86/07/24 0835		1.80000						
86/07/24 0835	20.0000		7.90000					
86/07/24 0835	20.0000		7.90000					
86/07/24 0835	20.0000		7.90000					
86/07/24 0835	20.0000		7.90000					
86/07/24 0835	20.0000		6.40000					
86/07/24 0835	18.0000		5.00000					
86/07/24 0835	15.0000		4.20000					
86/07/24 0835	17.0000		2.00000					
86/07/24 0835				.0200000				.0100000
86/07/24 0920				.0300000	1.00000			.0100000
86/08/27 0830		1.60000						
86/08/27 0830	19.0000		7.00000					
86/08/27 0830	19.0000		6.90000					
86/08/27 0830	19.0000		6.70000					
86/08/27 0830	19.0000		6.50000					
86/08/27 0830	19.0000		5.80000					
86/08/27 0830	18.0000		5.60000					
86/08/27 0830	17.0000		5.60000					
86/08/27 0830	17.0000		5.20000					
86/08/27 0900				.0100000	9.00000			.0100000
86/11/05 0900				.0500000	9.00000			.0100000
87/03/04 1310		1.50000						
87/03/04 1310	4.00000		11.0000					
87/03/04 1310	3.00000		10.9000					
87/03/04 1310	3.00000		11.1000					
87/03/04 1310	3.00000		10.9000					
87/03/04 1310	3.00000		10.9000					
87/03/04 1310	3.00000		11.0000					
87/03/04 1310	3.00000		11.0000					
87/03/04 1310	3.00000		11.0000					
87/03/04 1345				.0200000	19.0000		1.00000	.0100000

08CHL1

39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM.

08035 COLORADO

DOUGLAS

MISSOURI RIVER

LO 091091

/TYP/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE

121MRCCE 770404

10190002084 0000.140 ON

0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLORPHYL A UG/L CORRECTD	32216 CHLORPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
87/05/12 0830		.200000						
87/05/12 0830	14.0000		8.00000					
87/05/12 0830	14.0000		8.30000					
87/05/12 0830	14.0000		8.30000					
87/05/12 0830	13.0000		8.40000					
87/05/12 0830	13.0000		8.40000					
87/05/12 0830	12.0000		8.20000					
87/05/12 0830	11.0000		7.80000					
87/05/12 0830	11.0000		7.40000					
87/05/12 0920				.100000	1.00000		1.00000	.0600000
87/06/30 0845		2.00000						
87/06/30 0845	19.0000		6.80000					
87/06/30 0845	19.0000		6.80000					
87/06/30 0845	18.0000		6.90000					
87/06/30 0845	18.0000		6.90000					
87/06/30 0845	13.0000		6.00000					
87/06/30 0845	18.0000		5.00000					
87/06/30 0845	17.0000		4.20000					
87/06/30 0845	16.0000		3.50000					
87/06/30 0920				.0200000	10.0000		1.00000	.0100000
87/08/05 0755		1.60000						
87/08/05 0755	22.1000		5.17000					
87/08/05 0755	22.1000		5.10000					
87/08/05 0755	22.1000		5.07000					
87/08/05 0755	22.0900		5.00000					
87/08/05 0755	21.9200		3.58000					
87/08/05 0755	20.5900		2.42000					
87/08/05 0755	20.2500		1.46000					
87/08/05 0845				.0400000	1.00000		27.0000	.0300000
87/09/11 0800		1.70000						
87/09/11 0800	17.7000		7.24000					
87/09/11 0800	17.7000		7.24000					
87/09/11 0800	17.7300		7.23000					
87/09/11 0800	17.7300		7.23000					
87/09/11 0800	17.7200		7.25000					
87/09/11 0800	17.7200		7.23000					
87/09/11 0800	17.6500		6.26000					
87/09/11 0840				.0699999	1.00000		25.0000	.0699999
87/10/22 1000		1.20000						

08CHL1  
39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM  
08035 COLORADO DOUGLAS  
MISSOURI RIVER LO 091091

/TYP/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE  
121MRCR 770404 10190002084 0000.140 ON  
0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLOROPHYL A UG/L CORRECTD	32216 CHLOROPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
87/10/22 1000	11.0400		7.63000					
87/10/22 1000	11.0400		7.63000					
87/10/22 1000	11.0000		7.65000					
87/10/22 1000	11.0000		7.69000					
87/10/22 1000	10.9800		7.75000					
87/10/22 1000	11.0200		7.83000					
87/10/22 1000	11.0100		8.02000					
87/10/22 1030				.0500000	1.00000		9.00000	.0100000
88/02/09 0900		1.80000						
88/02/09 0900	1.52000		12.4500					
88/02/09 0900	2.38000		12.3500					
88/02/09 0900	3.24000		12.2000					
88/02/09 0900	3.35000		11.7300					
88/02/09 0900	3.37000		11.2100					
88/02/09 0900	3.37000		10.2700					
88/02/09 0900	3.55000		10.1200					
88/02/09 0900	3.95000		8.13000					
88/02/09 0945				.0300000	82.0000		1.00000	.0100000
88/05/11 0810		.800000						
88/05/11 0810	11.9500		8.63000					
88/05/11 0810	11.9200		8.64000					
88/05/11 0810	11.9000		8.64000					
88/05/11 0810	11.9000		8.62000					
88/05/11 0810	11.9100		8.61000					
88/05/11 0810	11.9200		8.67000					
88/05/11 0810	11.9600		8.74000					
88/05/11 0810	12.0700		8.86000					
88/05/11 0840				.0400000	8.00000		16.0000	.0100000
88/06/02 0740		.700000						
88/06/02 0740	14.9100		7.15000					
88/06/02 0740	14.8900		7.16000					
88/06/02 0740	14.8700		7.14000					
88/06/02 0740	14.8300		7.12000					
88/06/02 0740	14.8700		7.14000					
88/06/02 0740	14.3000		7.18000					
88/06/02 0740	14.7000		7.24000					
88/06/02 0740	14.7200		7.36000					
88/06/02 0810				.0400000	14.0000		30.0000	.0200000
88/07/13 0900		1.70000						

08CHL1  
 39 33 05.0 105 03 40.0 2  
 CHATFIELD LAKE NR DAM  
 08035 COLORADO DOUGLAS  
 MISSOURI RIVER LO 091091  
 WER MISSOURI SOUTH PLATTE  
 121MRCCE 770404 10190002084 0000.140 ON  
 0040 FEET DEPTH

/TYP/A/AMBNT/LAKE

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLORPHYL A UG/L CORRECTD	32216 CHLORPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
88/07/13 0900	19.7900		7.60000					
88/07/13 0900	19.4000		7.62000					
88/07/13 0900	19.3400		7.58000					
88/07/13 0900				.0100000				
88/07/13 0900	19.1500		7.34000					
88/07/13 0900	19.0400		6.87000					
88/07/13 0900	17.9000		5.40000					
88/07/13 0900	17.4700		5.02000	.0100000				
88/07/13 0900	17.1000		4.75000					
88/07/13 0940				.0100000	31.0000		30.0000	.0100000
88/09/01 0815		1.40000						
88/09/01 0815	19.8600		6.97000					
88/09/01 0815	19.8700		6.94000					
88/09/01 0815	19.8700		6.97000					
88/09/01 0815				.0100000				
88/09/01 0815	19.6500		6.83000					
88/09/01 0815	19.7800		6.74000					
88/09/01 0815	19.7500		6.24000					
88/09/01 0815	19.4100		5.43000	.0300000				
88/09/01 0815	19.1900		5.21000					
88/09/01 0855				.0100000	11.0000		7.00000	.0100000
88/10/12 0845		2.00000						
88/10/12 0845	13.0500		7.81000					
88/10/12 0845	13.0800		7.84000					
88/10/12 0845	13.0700		7.86000					
88/10/12 0845				.0400000				
88/10/12 0845	13.0900		7.83000					
88/10/12 0845	13.1000		7.85000					
88/10/12 0845	13.0400		7.87000					
88/10/12 0845	13.0300		7.92000					
88/10/12 0845				.0400000				
88/10/12 0845	13.1000		3.15000					
88/10/12 0915				.0600000	1.00000		15.0000	.0100000
89/02/22 1400		2.50000						
89/02/22 1400	3.15000		14.9000					
89/02/22 1400	1.59000		14.7100					
89/02/22 1400	2.66000		14.6600					
89/02/22 1400	3.76000		13.8000					
89/02/22 1400	3.84000		10.9500					

08CHL1

39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM  
08035 COLORADO DOUGLAS  
MISSOURI RIVER LO 091091

/TYP/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE  
121MRCCE 770404 10190002084 0000.140 ON  
0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLOROPHYL A UG/L CORRECTD	32216 CHLOROPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
89/02/22 1400	3.80000		10.9200					
89/02/22 1400	3.83000		9.70000					
89/02/22 1400	4.12000		8.83000					
89/02/22 1435				.0500000	2.00000		1.00000	.0100000
89/05/09 0845		2.40000						
89/05/09 0845	13.9400		9.37000					
89/05/09 0845	13.9700		9.44000					
89/05/09 0845	13.9600		9.36000					
89/05/09 0845	13.4800		8.99000					
89/05/09 0845	12.6300		8.59000					
89/05/09 0845	12.2600		8.29000					
89/05/09 0845	12.0100		7.84000					
89/05/09 0845	11.9100		7.44000					
89/05/09 0915				.0400000	4.00000		11.0000	.0400000
89/06/07 0800		3.20000						
89/06/07 0800	16.1100		8.10000					
89/06/07 0800	16.1400		8.09000					
89/06/07 0800	16.1400		8.02000					
89/06/07 0800	16.1000		8.06000					
89/06/07 0800	16.0900		7.95000					
89/06/07 0800	14.7700		6.62000					
89/06/07 0800	14.5400		6.53000					
89/06/07 0800	19.5400		6.75000					
89/06/07 0900				.110000	1.00000		14.0000	.110000
89/07/05 0800		1.00000						
89/07/05 0800	22.0500		6.98000					
89/07/05 0800	21.9800		6.90000					
89/07/05 0800	21.9200		7.09000					
89/07/05 0800				.0100000				.0100000
89/07/05 0800	21.2000		7.20000					
89/07/05 0800	19.3500		6.31000					
89/07/05 0800	17.3400		5.60000					
89/07/05 0800	17.1500		4.71000	.0200000				.0100000
89/07/05 0800	16.6000		4.23000					
89/07/05 0850				.0200000	3.00000		1.00000	.0100000
89/08/09 0800		2.20000						
89/08/09 0800	20.2200		6.92000					
89/08/09 0800	20.2100		6.90000					
89/08/09 0800	20.1900		6.97000					



08CHL1  
 39 33 05.0 105 03 40.0 2  
 CHATFIELD LAKE NR DAM  
 Q8035 COLORADO DOUGLAS  
 MISSOURI RIVER LO 091091  
 WER MISSOURI SOUTH PLATTE  
 121MRCCE 770404 10190002084 0000.140 ON  
 0040 FEET DEPTH

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4 /TYP/AMNT/LAKE  
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DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MC/L	00665 PHOS-TOT MG/L P	32211 CHLRPHYL A UG/L CORRECTD	32216 CHLRPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
89/08/09 0800				.0400000				.0100000
89/08/09 0800	20.0800		6.74000					
89/08/09 0800	19.5500		6.17000					
89/08/09 0800	13.1400		5.85000					
89/08/09 0800	13.1600		5.43000					
89/08/09 0800	17.5200		5.01000					
89/08/09 0850				.0500000				.0100000
89/08/09 0850				.0899999	1.00000		33.0000	.0100000
89/10/13 0820		2.20000						
89/10/13 0820	14.4500		7.50000					
89/10/13 0820	14.5100		7.53000					
89/10/13 0820	14.5000		7.49000					
89/10/13 0820				.0100000				.0100000
89/10/13 0820	14.4900		7.41000					
89/10/13 0820	14.4000		7.27000					
89/10/13 0820	14.3300		7.05000					
89/10/13 0820	14.3400		5.39000					
89/10/13 0820	14.2400		6.52000					
89/10/13 0850				.0100000				.0100000
89/10/13 0850				.0500000	1.00000		7.00000	.0100000
90/03/21 0900		4.00000						
90/03/21 0900	6.80000		10.4500					
90/03/21 0900	6.72000		10.4700					
90/03/21 0900	6.68000		10.4600					
90/03/21 0900	6.43000		10.4800					
90/03/21 0900	6.36000		10.5200					
90/03/21 0900	6.25000		10.5500					
90/03/21 0900	6.43000		10.6300					
90/03/21 0900	6.27000		10.9300					
90/03/21 0930				.0300000	1.00000		1.00000	.0100000
90/05/15 0845	12.6600		8.79000					
90/05/15 0845	12.6600		8.80000					
90/05/15 0845	12.6600		8.80000					
90/05/15 0845	12.6200		8.73000					
90/05/15 0845	12.5400		8.73000					
90/05/15 0845	12.5200		8.80000					
90/05/15 0845	12.4100		8.72000					
90/05/15 0845		3.00000						
90/05/15 0950				.0400000	9.00000		1.00000	.0100000

08CHL1  
 39 33 05.0 105 03 40.0 2  
 CHATFIELD LAKE NR DAM  
 08035 COLORADO DOUGLAS  
 MISSOURI RIVER LO 091091  
 WER MISSOURI SOUTH PLATTE  
 121MBRCE 770404 10190002084 0000.140 ON  
 Q040 FEET DEPTH

/TYP/AMNT/LAKE

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLRPHYL A UG/L CORRECTD	32216 CHLRPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
90/05/30 0900	15.9500		7.61000					
90/05/30 0900	15.9700		7.65000					
90/05/30 0900	15.8100		7.68000					
90/05/30 0900	15.7400		7.55000					
90/05/30 0900	15.7300		7.58000					
90/05/30 0900	15.7300		7.61000					
90/05/30 0900	15.7300		7.82000					
90/05/30 0900		1.50000						
90/05/30 0930				.0400000	14.0000		1.00000	.0100000
90/07/12 0900	20.6200		7.28000					
90/07/12 0900	20.6300		7.29000					
90/07/12 0900	20.6200		7.26000					
90/07/12 0900				.0600000				.0300000
90/07/12 0900	20.4600		7.17000					
90/07/12 0900	18.8000		6.30000					
90/07/12 0900	18.1400		6.36000					
90/07/12 0900	17.9500		6.10000					
90/07/12 0900	17.7200		6.20000					
90/07/12 0900		3.10000						
90/07/12 0945				.100000				.0100000
90/09/04 1320		1.70000						
90/09/04 1320	22.4900		7.30000					
90/09/04 1320	22.3300		7.31000					
90/09/04 1320	22.1300		7.65000					
90/09/04 1320				.0300000				.0200000
90/09/04 1320	21.1300		7.23000					
90/09/04 1320	21.0400		6.45000					
90/09/04 1320	20.4800		5.10000					
90/09/04 1320	20.2600		4.53000	.0400000				.0300000
90/09/04 1320	24.2400		5.20000					
90/09/04 1400				.0400000				.0200000
90/10/23 1325		1.80000						
90/10/23 1325	10.8500		9.30000					
90/10/23 1325	10.3300		9.23000					
90/10/23 1325	10.7600		9.29000					
90/10/23 1325				.0400000				.0100000
90/10/23 1325	10.5900		9.29000					
90/10/23 1325	10.3300		9.37000					
90/10/23 1325	10.2300		9.54000					

08CHL1  
 39 33 05.0 105 03 40.0 2  
 CHATFIELD LAKE NR DAM  
 08035 COLORADO DOUGLAS  
 MISSOURI RIVER LO 091091  
 WER MISSOURI SOUTH PLATTE  
 121MRCCE 770404 10190002084 0000.140 ON  
 0040 FEET DEPTH

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4 /TYP/AMNT/LAKE  
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DATE FROM TO	00010 WATER TEMP CENT	00073 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLOROPHYL A UG/L CORRECTD	32216 CHLOROPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
90/10/23 1325	10.2000		9.74000					
90/10/23 1325	10.2800		10.1300					
90/10/23 1405				.0400000				.0400000
90/10/23 1405				.0500000	1.00000		1.00000	.0100000
90/12/12 0945				.0600000	1.00000		1.00000	.0100000
91/01/14 1445	2.21000		12.4900					
91/01/14 1445	2.54000		12.4400					
91/01/14 1445	2.78000		12.5400					
91/01/14 1445	2.72000		12.5100					
91/01/14 1445	2.74000		12.5400					
91/01/14 1445	2.99000		12.4700					
91/01/14 1445	3.06000		12.0400					
91/01/14 1500		4.00000		.0300000	6.00000		1.00000	.0100000
91/05/07 1315			9.07000					
91/05/07 1315	13.1600		9.12000					
91/05/07 1315	12.6500		9.45000					
91/05/07 1315	11.9300		9.42000					
91/05/07 1315	11.3200		9.29000					
91/05/07 1315	11.2900		8.97000					
91/05/07 1315	10.9600		8.69000					
91/05/07 1315	10.7800		8.67000					
91/05/07 1315	10.6400			.0100000	1.00000		1.00000	.0100000
91/05/07 1345		2.10000						
91/06/03 1325			7.99000					
91/06/03 1325	18.8300		7.96000					
91/06/03 1325	18.8600		7.94000					
91/06/03 1325	18.5400		7.62000					
91/06/03 1325	17.5900		7.45000					
91/06/03 1325	17.4600		6.63000					
91/06/03 1325	16.8400		6.73000					
91/06/03 1325	16.5300			.0100000	1.00000		1.00000	.0100000
91/06/03 1350		2.70000						
91/06/24 1320			7.17000					
91/06/24 1320	21.7100		7.16000					
91/06/24 1320	21.6500		7.17000					
91/06/24 1320	21.4200			.0200000				.0100000
91/06/24 1320	20.5000		6.97000					
91/06/24 1320	19.8900		6.56000					

08CHL1

39 33 05.0 105 03 40.0 2

CHATFIELD LAKE NR DAM

08035 COLORADO

DOUGLAS

MISSOURI RIVER

LO 091091

/TYPA/AMBNT/LAKE

WER MISSOURI SOUTH PLATTE

121MRCCE 770404

10190002084 0000.140 ON

0040 FEET DEPTH

DATE FROM TO	00010 WATER TEMP CENT	00073 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLRPHYL A UG/L CORRECTD	32216 CHLRPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
91/06/24 1320	19.8300		6.49000					
91/06/24 1320	19.7100		6.27000					
91/06/24 1320	19.3300		5.59000					
91/06/24 1400				.0200000				.0200000
91/06/24 1400				.0500000	3.00000		1.00000	.0100000
91/08/08 0730		3.00000						
91/08/08 0730				.0600000				.0200000
91/08/08 0755				.0300000				.0100000
91/08/08 0755				.0500000	1.00000		1.00000	.0200000
91/10/23 0835		4.60000						
91/10/23 0835	12.3100		7.80000					
91/10/23 0835	12.3200		7.80000					
91/10/23 0835	12.8300		7.80000					
91/10/23 0835				.0100000				.0100000
91/10/23 0835	12.8300		7.82000					
91/10/23 0835	12.8400		7.86000					
91/10/23 0835	12.3400		7.85000					
91/10/23 0835	12.3400		7.86000					
91/10/23 0915				.0300000				.0100000
91/10/23 0915				.0100000	1.00000		3.00000	.0100000
92/03/17 1145		2.70000						
92/03/17 1145	7.23000		9.47000					
92/03/17 1145	6.99000		9.51000					
92/03/17 1145	6.89000		9.49000					
92/03/17 1145	6.43000		9.50000					
92/03/17 1145	6.35000		9.46000					
92/03/17 1145	6.27000		9.44000					
92/03/17 1145	6.34000		9.41000					
92/03/17 1210				.0100000	6.00000		1.00000	.0100000
92/05/18 1300		1.92000						
92/05/18 1300	17.3900		7.64000					
92/05/18 1300	17.3900		7.55000					
92/05/18 1300	17.5900		7.51000					
92/05/18 1300	16.4100		7.33000					
92/05/18 1300	16.2800		7.24000					
92/05/18 1300	16.2500		7.27000					
92/05/18 1300	16.2800		7.32000					
92/05/18 1325				.0200000	8.00000		1.00000	.0200000
92/06/16 1235		1.80000						

7-19-92

08CHL1  
 39 33 05.0 105 03 40.0 2  
 CHATFIELD LAKE NR DAM  
 08035 COLORADO DOUGLAS  
 MISSOURI RIVER LO 091091  
 WER MISSOURI SOUTH PLATTE  
 121MCRCE 770404 10190002084 0000.140 ON  
 0040 FEET DEPTH

/TYPA/AMNT/LAKE

DATE FROM TO	00010 WATER TEMP CENT	00078 TRANSP SECCHI METERS	00299 DO PROBE MG/L	00665 PHOS-TOT MG/L P	32211 CHLRPHYL A UG/L CORRECTD	32216 CHLRPHYL TOTAL UG/L	32218 PHEOPHTN A UG/L	70507 PHOS-T ORTHO MG/L P
92/06/16 1235	19.3600		7.74000					
92/06/16 1235	19.3600		7.67000					
92/06/16 1235	19.3300		7.59000					
92/06/16 1235	18.5900		7.20000					
92/06/16 1235	18.2500		5.91000					
92/06/16 1235	18.0500		6.15000					
92/06/16 1235	16.9900		6.36000					
92/06/16 1255				.0600000	7.00000		1.00000	.0100000
92/07/06 1300		2.70000						
92/07/06 1300	22.2200		6.82000					
92/07/06 1300	22.2000		6.74000					
92/07/06 1300	22.1400		6.67000					
92/07/06 1300				.0300000				.0100000
92/07/06 1300	21.4200		6.45000					
92/07/06 1300	19.6200		5.05000					
92/07/06 1300	19.1400		3.98000					
92/07/06 1300	18.7500		3.69000					
92/07/06 1330				.0400000				.0400000
92/07/06 1330				.0400000	1.00000		1.00000	.0400000
92/08/18 1105		3.10000						
92/08/18 1105	20.9900		6.71000					
92/08/18 1105	20.8000		6.59000					
92/08/18 1105	20.5600		6.55000					
92/08/18 1105				.210000				.0100000
92/08/18 1105	20.3000		6.89000					
92/08/18 1105	20.2500		7.09000					
92/08/18 1105	20.2600		6.26000					
92/08/18 1105	19.8200		5.07000					
92/08/18 1130				.240000				.0100000
92/08/18 1130				.220000	8.00000		1.00000	.0100000

STATION	NUMBER	441	57	438	95	49	2	34	83
	MAXIMUM	24.2400	8.00000	17.5000	.240000	.82.0000	28.0000	33.0000	.110000
	MINIMUM	1.52000	.200000	1.46000	.0100000	.0000000	.0000000	1.00000	.0000000
	MEAN	14.5130	2.03333	8.04915	.0444207	7.86735	14.0000	7.29412	.0155420

Growing Season  
 10-92

0.035 8.8

5L-92

## **APPENDIX C**

### **SOUTH PLATTE RIVER DATA - Denver Water Department**

# DENVER WATER

1600 West 12th Avenue • Denver, Colorado 80254  
Phone (303) 628-6000 • Telecopier No. (303) 628-6199

1-27-93

January 25, 199<sup>3</sup>


Timothy D. Steele Ph.D.  
Director, Water Resources Dept.  
Advanced Sciences, Inc.  
405 Urban Street, Suite 401  
Lakewood, Colorado 80228

Dear Dr. Steele,

Attached please find the data requested. The sample codes appearing on the printouts correspond to sample locations as follow: 1301 - South Platte River at the diversion dam for conduit #20, 1330 - Chatfield surface near the dam outlet structure, 1331 - South Platte River below Chatfield Reservoir outlet.

Should you have any questions or need additional assistance please give me a call at 628 - 6000 ext. 5706.

Sincerely,

  
Stephen R. Lohman  
Special Projects Coordinator

1301	91/08/20	Chlorine, Total	NA	mg/L
1301	91/08/20	Temperature	18	C
1301	91/11/25	Temperature	05	C
1301	92/01/27	Temperature	00	C
1301	92/04/15	Temperature	06	C
1301	92/07/14	Temperature	16	C
1301	92/10/13	Temperature	12	C
1301	91/02/06	Silver, Total	0.0001	mg/L
1301	91/05/28	Silver, Total	<0.0001	mg/L
1301	91/08/20	Silver, Total	0.0001	mg/L
1301	91/11/25	Silver, Total	0.0001	mg/L
1301	92/01/27	Silver, Total	<0.0001	mg/L
1301	92/04/15	Silver, Total	<0.0001	mg/L
1301	92/07/14	Silver, Total	<0.0001	mg/L
1301	92/10/13	Silver, Total	<0.0001	mg/L
1301	91/02/06	Aluminum, Total	0.03	mg/L
1301	91/02/06	Alkalinity, Total as CaCO	65	mg/L
1301	91/05/28	Alkalinity, Total as CaCO	42	mg/L
1301	91/08/20	Alkalinity, Total as CaCO	62	mg/L
1301	91/11/25	Alkalinity, Total as CaCO	55	mg/L
1301	92/01/27	Alkalinity, Total as CaCO	76	mg/L
1301	92/04/15	Alkalinity, Total as CaCO	59	mg/L
1301	92/07/14	Alkalinity, Total as CaCO	41	mg/L
1301	92/10/13	Alkalinity, Total as CaCO	76	mg/L
1301	91/02/06	Alpha, Total	1	pCi/L
1301	91/05/28	Alpha, Total	2	pCi/L
1301	91/08/20	Alpha, Total	3	pCi/L
1301	91/11/25	Alpha, Total	3	pCi/L
1301	92/01/27	Alpha, Total	3	pCi/L
1301	92/04/15	Alpha, Total	<1	pCi/L
1301	92/07/14	Alpha, Total	<1	pCi/L
1301	92/10/13	Alpha, Total	NA	pCi/L
1301	91/02/06	Arsenic, Total	<0.001	mg/L
1301	91/02/06	Barium, Total	0.06	mg/L
1301	91/05/28	Barium, Total	0.04	mg/L
1301	91/08/20	Barium, Total	0.05	mg/L
1301	91/11/25	Barium, Total	0.05	mg/L
1301	92/01/27	Barium, Total	0.05	mg/L
1301	92/04/15	Barium, Total	0.06	mg/L
1301	92/07/14	Barium, Total	0.04	mg/L
1301	92/10/13	Barium, Total	0.05	mg/L
1301	91/02/06	Beta, Total	4	pCi/L
1301	91/05/28	Beta, Total	2	pCi/L
1301	91/08/20	Beta, Total	2	pCi/L
1301	91/11/25	Beta, Total	4	pCi/L
1301	92/01/27	Beta, Total	5	pCi/L
1301	92/04/15	Beta, Total	3	pCi/L
1301	92/07/14	Beta, Total	<2	pCi/L
1301	92/10/13	Beta, Total	NA	pCi/L
1301	92/04/15	Bromide	<0.2	mg/L
1301	92/07/14	Bromide	<0.2	mg/L
1301	92/10/13	Bromide	<0.2	mg/L
1301	91/02/06	Calcium	19	mg/L
1301	91/05/28	Calcium	14.0	mg/L
1301	91/08/20	Calcium	19	mg/L
1301	91/11/25	Calcium	20.3	mg/L
1301	92/01/27	Calcium	23.1	mg/L
1301	92/04/15	Calcium	19.4	mg/L



1301	92/07/14	Calcium	22.4	mg/L
1301	92/10/13	Calcium	25.9	mg/L
1301	91/02/06	Cadmium, Total	<0.0005	mg/L
1301	91/02/06	Chloride	31.9	mg/L
1301	92/04/15	Chloride	22.1	mg/L
1301	92/07/14	Chloride	8.6	mg/L
1301	92/10/13	Chloride	29.9	mg/L
1301	91/02/06	Chromium, Total	<0.0005	mg/L
1301	91/02/06	Copper, Total	0.019	mg/L
1301	91/05/28	Copper, Total	0.010	mg/L
1301	91/08/20	Copper, Total	<0.005	mg/L
1301	91/11/25	Copper, Total	0.019	mg/L
1301	92/01/27	Copper, Total	0.033	mg/L
1301	92/04/15	Copper, Total	0.020	mg/L
1301	92/07/14	Copper, Total	<0.009	mg/L
1301	92/10/13	Copper, Total	0.015	mg/L
1301	91/02/06	Fluoride	0.62	mg/L
1301	91/05/28	Fluoride	0.68	mg/L
1301	91/08/20	Fluoride	0.73	mg/L
1301	91/11/25	Fluoride	0.80	mg/L
1301	92/01/27	Fluoride	0.35	mg/L
1301	91/02/06	Iron, Total	0.012	mg/L
1301	91/05/28	Iron, Total	0.45	mg/L
1301	91/08/20	Iron, Total	0.38	mg/L
1301	91/11/25	Iron, Total	0.67	mg/L
1301	92/01/27	Iron, Total	0.14	mg/L
1301	92/04/15	Iron, Total	0.31	mg/L
1301	92/07/14	Iron, Total	0.27	mg/L
1301	92/10/13	Iron, Total	0.12	mg/L
1301	91/02/06	Hardness as CaCO3	113	mg/L
1301	91/05/28	Hardness as CaCO3	59	mg/L
1301	91/08/20	Hardness as CaCO3	102	mg/L
1301	91/11/25	Hardness as CaCO3	94	mg/L
1301	92/01/27	Hardness as CaCO3	112	mg/L
1301	92/04/15	Hardness as CaCO3	93	mg/L
1301	92/07/14	Hardness as CaCO3	87	mg/L
1301	92/10/13	Hardness as CaCO3	114	mg/L
1301	91/02/06	Mercury, Total	<0.0001	mg/L
1301	91/05/28	Mercury, Total	<0.0001	mg/L
1301	91/08/20	Mercury, Total	<0.0001	mg/L
1301	91/11/25	Mercury, Total	<0.0003	mg/L
1301	92/01/27	Mercury, Total	<0.0004	mg/L
1301	92/04/15	Mercury, Total	<0.0004	mg/L
1301	92/07/14	Mercury, Total	<0.0004	mg/L
1301	92/10/13	Mercury, Total	<0.0004	mg/L
1301	91/02/06	Magnesium	7.3	mg/L
1301	91/05/28	Magnesium	5.5	mg/L
1301	91/08/20	Magnesium	7	mg/L
1301	91/11/25	Magnesium	5.4	mg/L
1301	92/01/27	Magnesium	8.2	mg/L
1301	92/04/15	Magnesium	6.9	mg/L
1301	92/07/14	Magnesium	4.2	mg/L
1301	92/10/13	Magnesium	9.4	mg/L
1301	91/02/06	Manganese, Total	0.044	mg/L
1301	91/05/28	Manganese, Total	0.076	mg/L
1301	91/08/20	Manganese, Total	0.045	mg/L
1301	91/11/25	Manganese, Total	0.044	mg/L
1301	92/01/27	Manganese, Total	0.047	mg/L

Sample Code	Sample Date	Analysis.....	Result..	Units.....
1301	92/04/15	Manganese, Total	0.056	mg/L
1301	92/07/14	Manganese, Total	0.052	mg/L
1301	92/10/13	Manganese, Total	0.044	mg/L
1301	91/02/06	Molybdenum, Total	0.041	mg/L
1301	91/02/06	Sodium	22	mg/L
1301	91/05/28	Sodium	12	mg/L
1301	91/08/20	Sodium	19	mg/L
1301	91/11/25	Sodium	10	mg/L
1301	92/01/27	Sodium	16	mg/L
1301	92/04/15	Sodium	14	mg/L
1301	92/07/14	Sodium	8	mg/L
1301	92/10/13	Sodium	24	mg/L
1301	91/02/06	Ammonia	0.25	mg/L
1301	91/05/28	Ammonia	0.15	mg/L
1301	91/08/20	Ammonia	0.64	mg/L
1301	91/11/25	Ammonia	0.03	mg/L
1301	92/01/27	Ammonia	0.04	mg/L
1301	92/04/15	Ammonia	0.02	mg/L
1301	92/07/14	Ammonia	0.02	mg/L
1301	92/10/13	Ammonia	0.02	mg/L
1301	91/02/06	Nickel, Total	<0.001	mg/L
1301	92/04/15	Nitrite	<0.03	mg/L
1301	92/07/14	Nitrite	<0.03	mg/L
1301	92/10/13	Nitrite	<0.03	mg/L
1301	92/04/15	Nitrate	0.07	mg/L
1301	92/07/14	Nitrate	0.09	mg/L
1301	92/10/13	Nitrate	<0.03	mg/L
1301	91/02/06	Ortho Phosphorus, Total	0.01	mg/L
1301	91/05/28	Ortho Phosphorus, Total	0.02	mg/L
1301	91/08/20	Ortho Phosphorus, Total	0.02	mg/L
1301	91/11/25	Ortho Phosphorus, Total	0.06	mg/L
1301	92/01/27	Ortho Phosphorus, Total	0.01	mg/L
1301	92/04/15	Ortho Phosphorus, Total	0.02	mg/L
1301	92/07/14	Ortho Phosphorus, Total	0.01	mg/L
1301	92/10/13	Ortho Phosphorus, Total	0.01	mg/L
1301	91/02/06	Phosphorus, Total	0.02	mg/L
1301	91/05/28	Phosphorus, Total	0.05	mg/L
1301	91/08/20	Phosphorus, Total	0.04	mg/L
1301	91/11/25	Phosphorus, Total	0.03	mg/L
1301	92/01/27	Phosphorus, Total	0.04	mg/L
1301	92/04/15	Phosphorus, Total	0.03	mg/L
1301	92/07/14	Phosphorus, Total	0.02	mg/L
1301	92/10/13	Phosphorus, Total	0.03	mg/L
1301	91/02/06	Lead, Total	<0.002	mg/L
1301	91/02/06	pH	8.0	SU
1301	91/05/28	pH	8.0	SU
1301	91/08/20	pH	8.3	SU
1301	91/11/25	pH	8.0	SU
1301	92/01/27	pH	8.0	SU
1301	92/04/15	pH	8.0	SU
1301	92/07/14	pH	8.1	SU
1301	92/10/13	pH	8.2	SU
1301	91/02/06	Selenium, Total	<0.002	mg/L
1301	91/02/06	Sulfate	52.3	mg/L
1301	91/05/28	Sulfate	19.1	mg/L
1301	91/08/20	Sulfate	30.1	mg/L
1301	91/11/25	Sulfate	38.90	mg/L
1301	92/01/27	Sulfate	45.2	mg/L

1301	92/04/15	Sulfate	27.4	mg/L
1301	92/07/14	Sulfate	45.8	mg/L
1301	92/10/13	Sulfate	33.2	mg/L
1301	91/05/28	Total Dissolved Solids	115	mg/L
1301	91/08/20	Total Dissolved Solids	163	mg/L
1301	91/11/25	Total Dissolved Solids	146	mg/L
1301	92/01/27	Total Dissolved Solids	176	mg/L
1301	92/04/15	Total Dissolved Solids	152	mg/L
1301	92/07/14	Total Dissolved Solids	132	mg/L
1301	92/10/13	Total Dissolved Solids	186	mg/L
1301	91/02/06	Total Suspended Solids	<1	mg/L
1301	91/05/28	Total Suspended Solids	4	mg/L
1301	91/08/20	Total Suspended Solids	6	mg/L
1301	91/11/25	Total Suspended Solids	2	mg/L
1301	92/01/27	Total Suspended Solids	<1	mg/L
1301	92/04/15	Total Suspended Solids	4	mg/L
1301	92/07/14	Total Suspended Solids	3	mg/L
1301	92/10/13	Total Suspended Solids	1	mg/L
1301	91/02/06	Turbidity	0.98	NTU
1301	91/02/06	Uranium, Dissolved	0.0046	mg/L
1301	91/05/28	Uranium, Dissolved	0.0014	mg/L
1301	91/08/20	Uranium, Dissolved	0.0046	mg/L
1301	91/11/25	Uranium, Dissolved	0.0038	mg/L
1301	92/01/27	Uranium, Dissolved	0.0030	mg/L
1301	92/04/15	Uranium, Dissolved	0.0054	mg/L
1301	91/02/06	Zinc, Total	0.042	mg/L
1301	91/05/28	Zinc, Total	0.011	mg/L
1301	91/08/20	Zinc, Total	0.029	mg/L
1301	91/11/25	Zinc, Total	0.010	mg/L
1301	92/01/27	Zinc, Total	<0.004	mg/L
1301	92/04/15	Zinc, Total	0.012	mg/L
1301	92/07/14	Zinc, Total	0.009	mg/L
1301	92/10/13	Zinc, Total	<0.004	mg/L
1301	91/02/06	Fecal Coliform	<1	/100 mL
1301	91/05/28	Fecal Coliform	7	/100 mL
1301	91/08/20	Fecal Coliform	24	/100 mL
1301	91/11/25	Fecal Coliform	1	/100 mL
1301	92/01/27	Fecal Coliform	<1	/100 mL
1301	92/04/15	Fecal Coliform	2	/100 mL
1301	92/07/14	Fecal Coliform	26	/100 mL
1301	92/10/13	Fecal Coliform	2	/100 mL
1301	91/02/06	Fecal Strep	<1	/100 mL
1301	91/05/28	Fecal Strep	306	/100 mL
1301	91/08/20	Fecal Strep	81	/100 mL
1301	91/11/25	Fecal Strep	<1	/100 mL
1301	92/01/27	Fecal Strep	1	/100 mL
1301	92/04/15	Fecal Strep	2	/100 mL
1301	92/07/14	Fecal Strep	31	/100 mL
1301	92/10/13	Fecal Strep	4	/100 mL
1301	91/02/06	Total Coliform	>20	/100 mL
1301	91/05/28	Total Coliform	>70	/100 mL
1301	91/08/20	Total Coliform	>260	/100 mL
1301	91/11/25	Total Coliform	>42	/100 mL
1301	92/01/27	Total Coliform	15	/100 mL
1301	92/04/15	Total Coliform	>45	/100 mL
1301	92/07/14	Total Coliform	>60	/100 mL
1301	92/10/13	Total Coliform	>40	/100 mL

1330	92/06/16		<0.03	
1330	92/04/13	Dissolved Oxygen	9.3	mg/L
1330	92/06/16	Dissolved Oxygen	7.4	mg/L
1330	92/08/12	Dissolved Oxygen	6.2	mg/L
1330	92/04/13	Temperature	11.0	C
1330	92/06/16	Temperature	18	C
1330	92/08/12	Temperature	19	C
1330	92/04/13	Silver, Total	<0.0001	mg/L
1330	92/06/16	Silver, Total	<0.0001	mg/L
1330	92/08/12	Silver, Total	<0.0001	mg/L
1330	92/04/13	Silver, Dissolved	<0.0001	mg/L
1330	92/06/16	Silver, Dissolved	<0.0001	mg/L
1330	92/08/12	Silver, Dissolved	<0.0001	mg/L
1330	92/04/13	Aluminum, Total	0.10	mg/L
1330	92/06/16	Aluminum, Total	0.09	mg/L
1330	92/08/12	Aluminum, Total	0.09	mg/L
1330	92/04/13	Aluminum, Dissolved	<0.01	mg/L
1330	92/06/16	Aluminum, Dissolved	<0.01	mg/L
1330	92/08/12	Aluminum, Dissolved	0.01	mg/L
1330	92/04/13	Alkalinity, Total as CaCO	84	mg/L
1330	92/06/16	Alkalinity, Total as CaCO	80	mg/L
1330	92/08/12	Alkalinity, Total as CaCO	71	mg/L
1330	92/04/13	Alpha, Total	1	pCi/L
1330	92/06/16	Alpha, Total	2	pCi/L
1330	92/08/12	Alpha, Total	8	pCi/L
1330	92/04/13	Arsenic, Total	<0.001	mg/L
1330	92/06/16	Arsenic, Total	<0.001	mg/L
1330	92/08/12	Arsenic, Total	<0.001	mg/L
1330	92/04/13	Arsenic, Dissolved	<0.001	mg/L
1330	92/06/16	Arsenic, Dissolved	<0.001	mg/L
1330	92/08/12	Arsenic, Dissolved	<0.001	mg/L
1330	92/04/13	Boron	0.12	mg/L
1330	92/06/16	Boron	0.15	mg/L
1330	92/08/12	Boron	0.05	mg/L
1330	92/04/13	Barium, Total	0.07	mg/L
1330	92/06/16	Barium, Total	0.05	mg/L
1330	92/08/12	Barium, Total	0.05	mg/L
1330	92/04/13	Barium, Dissolved	0.07	mg/L
1330	92/06/16	Barium, Dissolved	0.05	mg/L
1330	92/08/12	Barium, Dissolved	0.05	mg/L
1330	92/04/13	Beryllium, Total	<0.002	mg/L
1330	92/06/16	Beryllium, Total	<0.002	mg/L
1330	92/08/12	Beryllium, Total	<0.002	mg/L
1330	92/04/13	Beryllium, Dissolved	<0.002	mg/L
1330	92/06/16	Beryllium, Dissolved	<0.002	mg/L
1330	92/08/12	Beryllium, Dissolved	<0.002	mg/L
1330	92/04/13	Beta, Total	4	pCi/L
1330	92/06/16	Beta, Total	2	pCi/L
1330	92/08/12	Beta, Total	4	pCi/L
1330	92/04/13	Bromide	<0.2	mg/L
1330	92/06/16	Bromide	<0.2	mg/L
1330	92/08/12	Bromide	<0.2	mg/L
1330	92/04/13	Calcium	28.0	mg/L
1330	92/06/16	Calcium	26.1	mg/L
1330	92/08/12	Calcium	31.4	mg/L
1330	92/04/13	Cadmium, Total	<0.0005	mg/L
1330	92/06/16	Cadmium, Total	<0.0005	mg/L
1330	92/08/12	Cadmium, Total	<0.0005	mg/L

Sample code	Sample Date	Analysis.....	Result..	Units.....
1330	92/04/13	Cadmium, Dissolved	<0.0005	mg/L
1330	92/06/16	Cadmium, Dissolved	<0.0005	mg/L
1330	92/08/12	Cadmium, Dissolved	<0.0005	mg/L
1330	92/04/13	Chloride	24.6	mg/L
1330	92/06/16	Chloride	21.8	mg/L
1330	92/08/12	Chloride	19.0	mg/L
1330	92/04/13	Carbonate	<1	mg/L
1330	92/06/16	Carbonate	<1	mg/L
1330	92/08/12	Carbonate	<1	mg/L
1330	92/04/13	Specific Conductance	300	µS
1330	92/06/16	Specific Conductance	340	µS
1330	92/04/13	Chromium, Total	<0.0005	mg/L
1330	92/06/16	Chromium, Total	0.0017	mg/L
1330	92/08/12	Chromium, Total	<0.0005	mg/L
1330	92/04/13	Chromium, Dissolved	<0.0005	mg/L
1330	92/06/16	Chromium, Dissolved	<0.0005	mg/L
1330	92/08/12	Chromium, Dissolved	<0.0005	mg/L
1330	92/04/13	Copper, Total	0.016	mg/L
1330	92/06/16	Copper, Total	<0.005	mg/L
1330	92/08/12	Copper, Total	0.018	mg/L
1330	92/04/13	Copper, Dissolved	<0.005	mg/L
1330	92/06/16	Copper, Dissolved	<0.005	mg/L
1330	92/08/12	Copper, Dissolved	0.018	mg/L
1330	92/04/13	Fluoride	1.00	mg/L
1330	92/06/16	Fluoride	1.04	mg/L
1330	92/08/12	Fluoride	0.99	mg/L
1330	92/04/13	Iron, Total	0.20	mg/L
1330	92/06/16	Iron, Total	0.15	mg/L
1330	92/08/12	Iron, Total	0.11	mg/L
1330	92/04/13	Iron, Dissolved	<0.02	mg/L
1330	92/06/16	Iron, Dissolved	<0.02	mg/L
1330	92/08/12	Iron, Dissolved	<0.02	mg/L
1330	92/04/13	Hardness as CaCO3	125	mg/L
1330	92/06/16	Hardness as CaCO3	136	mg/L
1330	92/08/12	Hardness as CaCO3	110	mg/L
1330	92/04/13	Bicarbonate	84	mg/L
1330	92/06/16	Bicarbonate	80	mg/L
1330	92/08/12	Bicarbonate	71	mg/L
1330	92/04/13	Mercury, Total	<0.0004	mg/L
1330	92/06/16	Mercury, Total	<0.0004	mg/L
1330	92/08/12	Mercury, Total	<0.0004	mg/L
1330	92/04/13	Mercury, Dissolved	<0.0004	mg/L
1330	92/06/16	Mercury, Dissolved	<0.0004	mg/L
1330	92/08/12	Mercury, Dissolved	<0.0004	mg/L
1330	92/04/13	Potassium	2.8	mg/L
1330	92/06/16	Potassium	2.4	mg/L
1330	92/08/12	Potassium	2.4	mg/L
1330	92/06/16	Lithium, Total	<0.005	mg/L
1330	92/08/12	Lithium, Total	0.006	mg/L
1330	92/04/13	Lithium, Dissolved	0.009	mg/L
1330	92/04/13	Magnesium	8.9	mg/L
1330	92/06/16	Magnesium	7.0	mg/L
1330	92/08/12	Magnesium	6.8	mg/L
1330	92/04/13	Manganese, Total	0.050	mg/L
1330	92/06/16	Manganese, Total	0.058	mg/L
1330	92/08/12	Manganese, Total	0.046	mg/L
1330	92/04/13	Manganese, Dissolved	0.018	mg/L
1330	92/06/16	Manganese, Dissolved	0.034	mg/L

Sample. Analysis..... Result.. Units.....

Sample Code	Date	Analysis	Result	Units
1330	92/08/12	Manganese, Dissolved	0.029	mg/L
1330	92/04/13	Molybdenum, Total	0.027	mg/L
1330	92/06/16	Molybdenum, Total	0.016	mg/L
1330	92/08/12	Molybdenum, Total	0.040	mg/L
1330	92/04/13	Molybdenum, Dissolved	0.026	mg/L
1330	92/06/16	Molybdenum, Dissolved	0.016	mg/L
1330	92/08/12	Molybdenum, Dissolved	0.037	mg/L
1330	92/04/13	Sodium	20	mg/L
1330	92/06/16	Sodium	18	mg/L
1330	92/08/12	Sodium	15	mg/L
1330	92/04/13	Ammonia	0.04	mg/L
1330	92/06/16	Ammonia	0.01	mg/L
1330	92/08/12	Ammonia	0.04	mg/L
1330	92/04/13	Nickel, Total	0.001	mg/L
1330	92/06/16	Nickel, Total	0.002	mg/L
1330	92/08/12	Nickel, Total	0.001	mg/L
1330	92/04/13	Nickel, Dissolved	0.001	mg/L
1330	92/06/16	Nickel, Dissolved	0.001	mg/L
1330	92/08/12	Nickel, Dissolved	<0.001	mg/L
1330	92/04/13	Nitrite	<0.03	mg/L
1330	92/08/12	Nitrite	<0.03	mg/L
1330	92/04/13	Nitrate	0.04	mg/L
1330	92/06/16	Nitrate	<0.03	mg/L
1330	92/08/12	Nitrate	0.04	mg/L
1330	92/04/13	Ortho Phosphorus, Total	0.02	mg/L
1330	92/06/16	Ortho Phosphorus, Total	0.02	mg/L
1330	92/08/12	Ortho Phosphorus, Total	0.02	mg/L
1330	92/04/13	Phosphorus, Total	0.04	mg/L
1330	92/06/16	Phosphorus, Total	0.04	mg/L
1330	92/08/12	Phosphorus, Total	0.03	mg/L
1330	92/04/13	Lead, Total	<0.002	mg/L
1330	92/06/16	Lead, Total	<0.002	mg/L
1330	92/08/12	Lead, Total	<0.002	mg/L
1330	92/04/13	Lead, Dissolved	<0.002	mg/L
1330	92/06/16	Lead, Dissolved	<0.002	mg/L
1330	92/08/12	Lead, Dissolved	<0.002	mg/L
1330	92/04/13	pH	8.3	SU
1330	92/06/16	pH	8.3	SU
1330	92/08/12	pH	8.1	SU
1330	92/04/13	Selenium, Total	<0.002	mg/L
1330	92/06/16	Selenium, Total	<0.002	mg/L
1330	92/08/12	Selenium, Total	<0.002	mg/L
1330	92/04/13	Selenium, Dissolved	<0.002	mg/L
1330	92/06/16	Selenium, Dissolved	<0.002	mg/L
1330	92/08/12	Selenium, Dissolved	<0.002	mg/L
1330	92/04/13	Silicon Dioxide	5.3	mg/L
1330	92/06/16	Silicon Dioxide	4.8	mg/L
1330	92/08/12	Silicon Dioxide	4.9	mg/L
1330	92/04/13	Sulfate	49.0	mg/L
1330	92/06/16	Sulfate	45.2	mg/L
1330	92/08/12	Sulfate	47.1	mg/L
1330	92/06/16	Strontium, Total	0.23	mg/L
1330	92/08/12	Strontium, Total	0.24	mg/L
1330	92/04/13	Strontium, Dissolved	0.27	mg/L
1330	92/04/13	Total Dissolved Solids	207	mg/L
1330	92/06/16	Total Dissolved Solids	210	mg/L
1330	92/08/12	Total Dissolved Solids	179	mg/L
1330	92/04/13	Total Suspended Solids	6	mg/L

Sample Code	Sample Date	Analysis.....	Result..	Units.....
1330	92/06/16	Total Suspended Solids	7	mg/L
1330	92/08/12	Total Suspended Solids	3	mg/L
1330	92/04/13	Turbidity	3.7	NTU
1330	92/06/16	Turbidity	2.2	NTU
1330	92/08/12	Turbidity	1.8	NTU
1330	92/04/13	Uranium, Dissolved	0.0090	mg/L
1330	92/06/16	Uranium, Dissolved	0.0060	mg/L
1330	92/08/12	Uranium, Dissolved	0.0042	mg/L
1330	92/04/13	Zinc, Total	0.015	mg/L
1330	92/06/16	Zinc, Total	<0.004	mg/L
1330	92/08/12	Zinc, Total	<0.004	mg/L
1330	92/04/13	Zinc, Dissolved	0.015	mg/L
1330	92/06/16	Zinc, Dissolved	<0.004	mg/L
1330	92/08/12	Zinc, Dissolved	<0.004	mg/L
1330	92/04/13	Fecal Coliform	<1	/100 mL
1330	92/06/16	Fecal Coliform	<1	/100 mL
1330	92/08/12	Fecal Coliform	<1	/100 mL
1330	92/04/13	Fecal Strep	1	/100 mL
1330	92/06/16	Fecal Strep	3	/100 mL
1330	92/08/12	Fecal Strep	3	/100 mL
1330	92/04/13	Plankton	2492	Count
1330	92/06/16	Plankton	1106	Count
1330	92/08/12	Plankton	308	Count
1330	92/04/13	Total Coliform	72	/100 mL
1330	92/06/16	Total Coliform	<4	/100 mL
1330	92/08/12	Total Coliform	<4	/100 mL
1330	92/04/13	1,1,1-Trichloroethane	<0.2	µg/L
1330	92/06/16	1,1,1-Trichloroethane	<0.2	µg/L
1330	92/08/12	1,1,1-Trichloroethane	<0.2	µg/L
1330	92/04/13	1,1,2,2-Tetrachloroethane	<0.4	µg/L
1330	92/06/16	1,1,2,2-Tetrachloroethane	<0.4	µg/L
1330	92/08/12	1,1,2,2-Tetrachloroethane	<0.4	µg/L
1330	92/04/13	1,1,2-Trichloroethane	<0.2	µg/L
1330	92/06/16	1,1,2-Trichloroethane	<0.2	µg/L
1330	92/08/12	1,1,2-Trichloroethane	<0.2	µg/L
1330	92/04/13	1,1-Dichloroethane	<0.4	µg/L
1330	92/06/16	1,1-Dichloroethane	<0.4	µg/L
1330	92/08/12	1,1-Dichloroethane	<0.4	µg/L
1330	92/04/13	1,1-Dichloroethene	<0.4	µg/L
1330	92/06/16	1,1-Dichloroethene	<0.4	µg/L
1330	92/08/12	1,1-Dichloroethene	<0.4	µg/L
1330	92/04/13	1,2,3-Trichlorobenzene	<0.5	µg/L
1330	92/06/16	1,2,3-Trichlorobenzene	<0.5	µg/L
1330	92/08/12	1,2,3-Trichlorobenzene	<0.5	µg/L
1330	92/04/13	1,2-Dichloroethane	<0.4	µg/L
1330	92/06/16	1,2-Dichloroethane	<0.4	µg/L
1330	92/08/12	1,2-Dichloroethane	<0.4	µg/L
1330	92/04/13	1,2-Dichloropropane	<0.4	µg/L
1330	92/06/16	1,2-Dichloropropane	<0.4	µg/L
1330	92/08/12	1,2-Dichloropropane	<0.4	µg/L
1330	92/04/13	Dibromochloromethane	<0.4	µg/L
1330	92/06/16	Dibromochloromethane	<0.4	µg/L
1330	92/08/12	Dibromochloromethane	<0.4	µg/L
1330	92/04/13	Bromoform	<1	µg/L
1330	92/06/16	Bromoform	<1	µg/L
1330	92/08/12	Bromoform	<0.8	µg/L
1330	92/04/13	Bromodichloromethane	<0.4	µg/L
1330	92/06/16	Bromodichloromethane	<0.4	µg/L

1330	92/08/12	Bromodichloromethane	<0.4	µg/L
1330	92/04/13	Benzene	<0.4	µg/L
1330	92/06/16	Benzene	<0.4	µg/L
1330	92/08/12	Benzene	<0.4	µg/L
1330	92/04/13	cis-1,2-Dichloroethene	<0.2	µg/L
1330	92/06/16	cis-1,2-Dichloroethene	<0.2	µg/L
1330	92/08/12	cis-1,2-Dichloroethene	<0.2	µg/L
1330	92/04/13	cis-1,2-Dichloropropene	<0.4	µg/L
1330	92/06/16	cis-1,2-Dichloropropene	<0.4	µg/L
1330	92/08/12	cis-1,2-Dichloropropene	<0.4	µg/L
1330	92/04/13	Carbon Tetrachloride	<0.2	µg/L
1330	92/06/16	Carbon Tetrachloride	<0.2	µg/L
1330	92/08/12	Carbon Tetrachloride	<0.2	µg/L
1330	92/04/13	Chloroform	<0.2	µg/L
1330	92/06/16	Chloroform	<0.2	µg/L
1330	92/08/12	Chloroform	<0.2	µg/L
1330	92/04/13	Tetrachloroethene	<0.2	µg/L
1330	92/06/16	Tetrachloroethene	<0.2	µg/L
1330	92/08/12	Tetrachloroethene	<0.2	µg/L
1330	92/04/13	Chlorobenzene	<0.4	µg/L
1330	92/06/16	Chlorobenzene	<0.4	µg/L
1330	92/08/12	Chlorobenzene	<0.4	µg/L
1330	92/04/13	Ethyl benzene	<0.4	µg/L
1330	92/06/16	Ethyl benzene	<0.4	µg/L
1330	92/08/12	Ethyl benzene	<0.4	µg/L
1330	92/04/13	m-Dichlorobenzene	<0.4	µg/L
1330	92/06/16	m-Dichlorobenzene	<0.4	µg/L
1330	92/08/12	m-Dichlorobenzene	<0.4	µg/L
1330	92/04/13	Methylene dichloride	<0.4	µg/L
1330	92/06/16	Methylene dichloride	<0.4	µg/L
1330	92/08/12	Methylene dichloride	<0.4	µg/L
1330	92/04/13	o-Dichlorobenzene	<0.4	µg/L
1330	92/06/16	o-Dichlorobenzene	<0.4	µg/L
1330	92/08/12	o-Dichlorobenzene	<0.4	µg/L
1330	92/04/13	p-Dichlorobenzene	<0.4	µg/L
1330	92/06/16	p-Dichlorobenzene	<0.4	µg/L
1330	92/08/12	p-Dichlorobenzene	<0.4	µg/L
1330	92/04/13	Styrene	<0.4	µg/L
1330	92/06/16	Styrene	<0.4	µg/L
1330	92/08/12	Styrene	<0.4	µg/L
1330	92/04/13	trans-1,2-Dichloroethene	<0.4	µg/L
1330	92/06/16	trans-1,2-Dichloroethene	<0.4	µg/L
1330	92/08/12	trans-1,2-Dichloroethene	<0.4	µg/L
1330	92/04/13	trans-1,2-Dichloropropene	<0.8	µg/L
1330	92/06/16	trans-1,2-Dichloropropene	<0.8	µg/L
1330	92/08/12	trans-1,2-Dichloropropene	<0.8	µg/L
1330	92/04/13	Trichloroethylene	<0.2	µg/L
1330	92/06/16	Trichloroethylene	<0.2	µg/L
1330	92/08/12	Trichloroethylene	<0.2	µg/L
1330	92/04/13	Total Organic Carbon	2.84	mg/L
1330	92/06/16	Total Organic Carbon	3.2	mg/L
1330	92/08/12	Total Organic Carbon	3.6	mg/L
1330	92/04/13	Toluene	<0.4	µg/L
1330	92/06/16	Toluene	0.5	µg/L
1330	92/08/12	Toluene	<0.4	µg/L
1330	92/08/12	Total Trihalomethanes	<1	µg/L
1330	92/04/13	Vinyl chloride	<0.8	µg/L
1330	92/06/16	Vinyl chloride	<0.8	µg/L



1330	92/08/12	Vinyl chloride	<0.8	µg/L
1330	92/04/13	Xylenes	<1	µg/L
1330	92/06/16	Xylenes	<1	µg/L
1330	92/08/12	Xylenes	<1	µg/L
1331	92/04/13	Dissolved Oxygen	7.7	mg/L
1331	92/06/16	Dissolved Oxygen	7.4	mg/L
1331	92/08/12	Dissolved Oxygen	6.0	mg/L
1331	92/10/13	Dissolved Oxygen	9.1	mg/L
1331	92/10/13	Stream Flow	2	cfs
1331	92/04/13	Temperature	11.0	C
1331	92/06/16	Temperature	19	C
1331	92/08/12	Temperature	17	C
1331	92/10/13	Temperature	10	C
1331	92/04/13	Silver, Total	<0.0001	mg/L
1331	92/06/16	Silver, Total	<0.0001	mg/L
1331	92/08/12	Silver, Total	<0.0001	mg/L
1331	92/04/13	Silver, Dissolved	<0.0001	mg/L
1331	92/06/16	Silver, Dissolved	<0.0001	mg/L
1331	92/08/12	Silver, Dissolved	<0.0001	mg/L
1331	92/10/13	Silver, Dissolved	<0.0001	mg/L
1331	92/04/13	Aluminum, Total	0.12	mg/L
1331	92/06/16	Aluminum, Total	0.21	mg/L
1331	92/08/12	Aluminum, Total	0.19	mg/L
1331	92/04/13	Aluminum, Dissolved	<0.01	mg/L
1331	92/06/16	Aluminum, Dissolved	<0.01	mg/L
1331	92/08/12	Aluminum, Dissolved	0.02	mg/L
1331	92/04/13	Alkalinity, Total as CaCO	85	mg/L
1331	92/06/16	Alkalinity, Total as CaCO	84	mg/L
1331	92/08/12	Alkalinity, Total as CaCO	74	mg/L
1331	92/10/13	Alkalinity, Total as CaCO	80	mg/L
1331	92/04/13	Alpha, Total	1	pCi/L
1331	92/06/16	Alpha, Total	2	pCi/L
1331	92/08/12	Alpha, Total	6	pCi/L
1331	92/10/13	Alpha, Total	NA	pCi/L
1331	92/04/13	Arsenic, Total	<0.001	mg/L
1331	92/06/16	Arsenic, Total	0.001	mg/L
1331	92/08/12	Arsenic, Total	<0.001	mg/L
1331	92/04/13	Arsenic, Dissolved	<0.001	mg/L
1331	92/06/16	Arsenic, Dissolved	<0.001	mg/L
1331	92/08/12	Arsenic, Dissolved	<0.001	mg/L
1331	92/04/13	Boron	0.16	mg/L
1331	92/06/16	Boron	0.18	mg/L
1331	92/08/12	Boron	0.06	mg/L
1331	92/04/13	Barium, Total	0.07	mg/L
1331	92/06/16	Barium, Total	0.06	mg/L
1331	92/08/12	Barium, Total	0.05	mg/L
1331	92/04/13	Barium, Dissolved	0.07	mg/L
1331	92/06/16	Barium, Dissolved	0.06	mg/L
1331	92/08/12	Barium, Dissolved	0.05	mg/L
1331	92/04/13	Beryllium, Total	<0.002	mg/L
1331	92/06/16	Beryllium, Total	<0.002	mg/L
1331	92/08/12	Beryllium, Total	<0.002	mg/L
1331	92/04/13	Beryllium, Dissolved	<0.002	mg/L
1331	92/06/16	Beryllium, Dissolved	<0.002	mg/L
1331	92/08/12	Beryllium, Dissolved	<0.002	mg/L
1331	92/04/13	Beta, Total	3	pCi/L
1331	92/06/16	Beta, Total	3	pCi/L
1331	92/08/12	Beta, Total	5	pCi/L

1331	92/10/13	Beta, Total	NA	pCi/L
1331	92/04/13	Bromide	<0.2	mg/L
1331	92/06/16	Bromide	<0.2	mg/L
1331	92/08/12	Bromide	<0.2	mg/L
1331	92/04/13	Calcium	28.4	mg/L
1331	92/06/16	Calcium	26.8	mg/L
1331	92/08/12	Calcium	30.5	mg/L
1331	92/04/13	Cadmium, Total	0.0010	mg/L
1331	92/06/16	Cadmium, Total	<0.0005	mg/L
1331	92/08/12	Cadmium, Total	<0.0005	mg/L
1331	92/04/13	Cadmium, Dissolved	<0.0005	mg/L
1331	92/06/16	Cadmium, Dissolved	<0.0005	mg/L
1331	92/08/12	Cadmium, Dissolved	<0.0005	mg/L
1331	92/10/13	Cadmium, Dissolved	<0.0005	mg/L
1331	92/04/13	Chloride	25.3	mg/L
1331	92/06/16	Chloride	22.3	mg/L
1331	92/08/12	Chloride	19.0	mg/L
1331	92/04/13	Carbonate	<1	mg/L
1331	92/06/16	Carbonate	<1	mg/L
1331	92/08/12	Carbonate	<1	mg/L
1331	92/04/13	Specific Conductance	330	µS
1331	92/06/16	Specific Conductance	340	µS
1331	92/10/13	Specific Conductance	250	µS
1331	92/04/13	Chromium, Total	<0.0005	mg/L
1331	92/06/16	Chromium, Total	0.0008	mg/L
1331	92/08/12	Chromium, Total	<0.0005	mg/L
1331	92/04/13	Chromium, Dissolved	<0.0005	mg/L
1331	92/06/16	Chromium, Dissolved	<0.0005	mg/L
1331	92/08/12	Chromium, Dissolved	<0.0005	mg/L
1331	92/10/13	Chromium, Dissolved	<0.0005	mg/L
1331	92/04/13	Copper, Total	0.024	mg/L
1331	92/06/16	Copper, Total	<0.005	mg/L
1331	92/08/12	Copper, Total	0.039	mg/L
1331	92/04/13	Copper, Dissolved	<0.005	mg/L
1331	92/06/16	Copper, Dissolved	<0.005	mg/L
1331	92/08/12	Copper, Dissolved	<0.009	mg/L
1331	92/10/13	Copper, Dissolved	<0.009	mg/L
1331	92/04/13	Fluoride	1.03	mg/L
1331	92/06/16	Fluoride	1.07	mg/L
1331	92/08/12	Fluoride	0.99	mg/L
1331	92/04/13	Iron, Total	0.15	mg/L
1331	92/06/16	Iron, Total	0.50	mg/L
1331	92/08/12	Iron, Total	0.40	mg/L
1331	92/10/13	Iron, Total	0.24	mg/L
1331	92/04/13	Iron, Dissolved	0.03	mg/L
1331	92/06/16	Iron, Dissolved	<0.02	mg/L
1331	92/08/12	Iron, Dissolved	<0.02	mg/L
1331	92/04/13	Hardness as CaCO3	128	mg/L
1331	92/06/16	Hardness as CaCO3	147	mg/L
1331	92/08/12	Hardness as CaCO3	114	mg/L
1331	92/10/13	Hardness as CaCO3	122	mg/L
1331	92/04/13	Bicarbonate	85	mg/L
1331	92/06/16	Bicarbonate	84	mg/L
1331	92/08/12	Bicarbonate	74	mg/L
1331	92/04/13	Mercury, Total	<0.0004	mg/L
1331	92/06/16	Mercury, Total	<0.0004	mg/L
1331	92/08/12	Mercury, Total	<0.0004	mg/L
1331	92/10/13	Mercury, Total	<0.0004	mg/L

Sample Analysis..... Result.. Units.....

Sample code	Date	Analysis	Result	Units
1331	92/04/13	Mercury, Dissolved	<0.0004	mg/L
1331	92/06/16	Mercury, Dissolved	<0.0004	mg/L
1331	92/08/12	Mercury, Dissolved	<0.0004	mg/L
1331	92/04/13	Potassium	2.9	mg/L
1331	92/06/16	Potassium	2.5	mg/L
1331	92/08/12	Potassium	2.4	mg/L
1331	92/06/16	Lithium, Total	0.008	mg/L
1331	92/08/12	Lithium, Total	0.007	mg/L
1331	92/04/13	Lithium, Dissolved	0.009	mg/L
1331	92/04/13	Magnesium	9.0	mg/L
1331	92/06/16	Magnesium	7.1	mg/L
1331	92/08/12	Magnesium	6.8	mg/L
1331	92/04/13	Manganese, Total	0.058	mg/L
1331	92/06/16	Manganese, Total	0.116	mg/L
1331	92/08/12	Manganese, Total	0.119	mg/L
1331	92/10/13	Manganese, Total	0.054	mg/L
1331	92/04/13	Manganese, Dissolved	0.032	mg/L
1331	92/06/16	Manganese, Dissolved	0.039	mg/L
1331	92/08/12	Manganese, Dissolved	0.031	mg/L
1331	92/04/13	Molybdenum, Total	0.027	mg/L
1331	92/06/16	Molybdenum, Total	0.015	mg/L
1331	92/08/12	Molybdenum, Total	0.038	mg/L
1331	92/04/13	Molybdenum, Dissolved	0.025	mg/L
1331	92/06/16	Molybdenum, Dissolved	0.015	mg/L
1331	92/08/12	Molybdenum, Dissolved	0.037	mg/L
1331	92/04/13	Sodium	21	mg/L
1331	92/06/16	Sodium	18	mg/L
1331	92/08/12	Sodium	15	mg/L
1331	92/04/13	Ammonia	0.02	mg/L
1331	92/06/16	Ammonia	0.02	mg/L
1331	92/08/12	Ammonia	0.06	mg/L
1331	92/10/13	Ammonia	0.01	mg/L
1331	92/04/13	Nickel, Total	<0.001	mg/L
1331	92/06/16	Nickel, Total	<0.001	mg/L
1331	92/08/12	Nickel, Total	0.001	mg/L
1331	92/04/13	Nickel, Dissolved	NA	mg/L
1331	92/06/16	Nickel, Dissolved	<0.001	mg/L
1331	92/08/12	Nickel, Dissolved	0.001	mg/L
1331	92/04/13	Nitrite	<0.03	mg/L
1331	92/06/16	Nitrite	<0.03	mg/L
1331	92/08/12	Nitrite	<0.03	mg/L
1331	92/04/13	Nitrate	<0.03	mg/L
1331	92/06/16	Nitrate	<0.03	mg/L
1331	92/08/12	Nitrate	0.05	mg/L
1331	92/04/13	Ortho Phosphorus, Total	0.02	mg/L
1331	92/06/16	Ortho Phosphorus, Total	0.05	mg/L
1331	92/08/12	Ortho Phosphorus, Total	0.06	mg/L
1331	92/04/13	Phosphorus, Total	0.03	mg/L
1331	92/06/16	Phosphorus, Total	0.06	mg/L
1331	92/08/12	Phosphorus, Total	0.06	mg/L
1331	92/10/13	Phosphorus, Total	0.06	mg/L
1331	92/04/13	Lead, Total	<0.002	mg/L
1331	92/06/16	Lead, Total	<0.002	mg/L
1331	92/08/12	Lead, Total	<0.002	mg/L
1331	92/04/13	Lead, Dissolved	<0.002	mg/L
1331	92/06/16	Lead, Dissolved	<0.002	mg/L
1331	92/08/12	Lead, Dissolved	<0.002	mg/L
1331	92/10/13	Lead, Dissolved	<0.002	mg/L

Sample. Analysis..... Result.. Units.....

Sample Code	Date	Analysis	Result	Units
1331	92/04/13	pH	8.3	SU
1331	92/06/16	pH	8.2	SU
1331	92/08/12	pH	8.0	SU
1331	92/10/13	pH	8.3	SU
1331	92/04/13	Selenium, Total	<0.002	mg/L
1331	92/06/16	Selenium, Total	<0.002	mg/L
1331	92/08/12	Selenium, Total	<0.002	mg/L
1331	92/04/13	Selenium, Dissolved	<0.002	mg/L
1331	92/06/16	Selenium, Dissolved	<0.002	mg/L
1331	92/08/12	Selenium, Dissolved	<0.002	mg/L
1331	92/04/13	Silicon Dioxide	5.7	mg/L
1331	92/06/16	Silicon Dioxide	5.8	mg/L
1331	92/08/12	Silicon Dioxide	7.0	mg/L
1331	92/04/13	Sulfate	49.4	mg/L
1331	92/06/16	Sulfate	45.2	mg/L
1331	92/08/12	Sulfate	49.2	mg/L
1331	92/06/16	Strontium, Total	0.24	mg/L
1331	92/08/12	Strontium, Total	0.24	mg/L
1331	92/04/13	Strontium, Dissolved	0.28	mg/L
1331	92/04/13	Total Dissolved Solids	210	mg/L
1331	92/06/16	Total Dissolved Solids	203	mg/L
1331	92/08/12	Total Dissolved Solids	185	mg/L
1331	92/10/13	Total Dissolved Solids	189	mg/L
1331	92/04/13	Total Suspended Solids	4	mg/L
1331	92/06/16	Total Suspended Solids	14	mg/L
1331	92/08/12	Total Suspended Solids	12	mg/L
1331	92/10/13	Total Suspended Solids	8	mg/L
1331	92/04/13	Turbidity	4.5	NTU
1331	92/06/16	Turbidity	7.6	NTU
1331	92/08/12	Turbidity	8.0	NTU
1331	92/10/13	Turbidity	7.8	NTU
1331	92/04/13	Uranium, Dissolved	0.0090	mg/L
1331	92/06/16	Uranium, Dissolved	0.0063	mg/L
1331	92/08/12	Uranium, Dissolved	0.0044	mg/L
1331	92/04/13	Zinc, Total	0.019	mg/L
1331	92/06/16	Zinc, Total	0.005	mg/L
1331	92/08/12	Zinc, Total	<0.004	mg/L
1331	92/04/13	Zinc, Dissolved	0.015	mg/L
1331	92/06/16	Zinc, Dissolved	<0.004	mg/L
1331	92/08/12	Zinc, Dissolved	<0.004	mg/L
1331	92/10/13	Zinc, Dissolved	0.007	mg/L
1331	92/04/13	Fecal Coliform	1	/100 mL
1331	92/06/16	Fecal Coliform	5	/100 mL
1331	92/08/12	Fecal Coliform	8	/100 mL
1331	92/10/13	Fecal Coliform	5	/100 mL
1331	92/04/13	Fecal Strep	7	/100 mL
1331	92/06/16	Fecal Strep	16	/100 mL
1331	92/08/12	Fecal Strep	24	/100 mL
1331	92/04/13	Total Coliform	>80	/100 mL
1331	92/06/16	Total Coliform	>44	/100 mL
1331	92/08/12	Total Coliform	>200	/100 mL
1331	92/04/13	1,1,1-Trichloroethane	<0.2	µg/L
1331	92/06/16	1,1,1-Trichloroethane	<0.2	µg/L
1331	92/08/12	1,1,1-Trichloroethane	<0.2	µg/L
1331	92/04/13	1,1,2,2-Tetrachloroethane	<0.4	µg/L
1331	92/06/16	1,1,2,2-Tetrachloroethane	<0.4	µg/L
1331	92/08/12	1,1,2,2-Tetrachloroethane	<0.4	µg/L
1331	92/04/13	1,1,2-Trichloroethane	<0.2	µg/L

1331	92/06/16	1,1,2-Trichloroethane	<0.2 µg/L
1331	92/08/12	1,1,2-Trichloroethane	<0.2 µg/L
1331	92/04/13	1,1-Dichloroethane	<0.4 µg/L
1331	92/06/16	1,1-Dichloroethane	<0.4 µg/L
1331	92/08/12	1,1-Dichloroethane	<0.4 µg/L
1331	92/04/13	1,1-Dichloroethene	<0.4 µg/L
1331	92/06/16	1,1-Dichloroethene	<0.4 µg/L
1331	92/08/12	1,1-Dichloroethene	<0.4 µg/L
1331	92/04/13	1,2,3-Trichlorobenzene	<0.5 µg/L
1331	92/06/16	1,2,3-Trichlorobenzene	<0.5 µg/L
1331	92/08/12	1,2,3-Trichlorobenzene	<0.5 µg/L
1331	92/04/13	1,2-Dichloroethane	<0.4 µg/L
1331	92/06/16	1,2-Dichloroethane	<0.4 µg/L
1331	92/08/12	1,2-Dichloroethane	<0.4 µg/L
1331	92/04/13	1,2-Dichloropropane	<0.4 µg/L
1331	92/06/16	1,2-Dichloropropane	<0.4 µg/L
1331	92/08/12	1,2-Dichloropropane	<0.4 µg/L
1331	92/04/13	Dibromochloromethane	<0.4 µg/L
1331	92/06/16	Dibromochloromethane	<0.4 µg/L
1331	92/08/12	Dibromochloromethane	<0.4 µg/L
1331	92/04/13	Bromoform	<1 µg/L
1331	92/06/16	Bromoform	<1 µg/L
1331	92/08/12	Bromoform	<0.8 µg/L
1331	92/04/13	Bromodichloromethane	<0.4 µg/L
1331	92/06/16	Bromodichloromethane	<0.4 µg/L
1331	92/08/12	Bromodichloromethane	<0.4 µg/L
1331	92/04/13	Benzene	<0.4 µg/L
1331	92/06/16	Benzene	<0.4 µg/L
1331	92/08/12	Benzene	<0.4 µg/L
1331	92/04/13	cis-1,2-Dichloroethene	<0.2 µg/L
1331	92/06/16	cis-1,2-Dichloroethene	<0.2 µg/L
1331	92/08/12	cis-1,2-Dichloroethene	<0.2 µg/L
1331	92/04/13	cis-1,2-Dichloropropene	<0.4 µg/L
1331	92/06/16	cis-1,2-Dichloropropene	<0.4 µg/L
1331	92/08/12	cis-1,2-Dichloropropene	<0.4 µg/L
1331	92/04/13	Carbon Tetrachloride	<0.2 µg/L
1331	92/06/16	Carbon Tetrachloride	<0.2 µg/L
1331	92/08/12	Carbon Tetrachloride	<0.2 µg/L
1331	92/04/13	Chloroform	<0.2 µg/L
1331	92/06/16	Chloroform	<0.2 µg/L
1331	92/08/12	Chloroform	<0.2 µg/L
1331	92/04/13	Tetrachloroethene	<0.2 µg/L
1331	92/06/16	Tetrachloroethene	<0.2 µg/L
1331	92/08/12	Tetrachloroethene	<0.2 µg/L
1331	92/04/13	Chlorobenzene	<0.4 µg/L
1331	92/06/16	Chlorobenzene	<0.4 µg/L
1331	92/08/12	Chlorobenzene	<0.4 µg/L
1331	92/04/13	Ethyl benzene	<0.4 µg/L
1331	92/06/16	Ethyl benzene	<0.4 µg/L
1331	92/08/12	Ethyl benzene	<0.4 µg/L
1331	92/04/13	m-Dichlorobenzene	<0.4 µg/L
1331	92/06/16	m-Dichlorobenzene	<0.4 µg/L
1331	92/08/12	m-Dichlorobenzene	<0.4 µg/L
1331	92/04/13	Methylene dichloride	<0.4 µg/L
1331	92/06/16	Methylene dichloride	<0.4 µg/L
1331	92/08/12	Methylene dichloride	<0.4 µg/L
1331	92/04/13	o-Dichlorobenzene	<0.4 µg/L
1331	92/06/16	o-Dichlorobenzene	<0.4 µg/L

Sample Code	Sample Date	Analysis.....	Result..	Units.....
1331	92/08/12	o-Dichlorobenzene	<0.4	µg/L
1331	92/04/13	p-Dichlorobenzene	<0.4	µg/L
1331	92/06/16	p-Dichlorobenzene	<0.4	µg/L
1331	92/08/12	p-Dichlorobenzene	<0.4	µg/L
1331	92/04/13	Styrene	<0.4	µg/L
1331	92/06/16	Styrene	<0.4	µg/L
1331	92/08/12	Styrene	<0.4	µg/L
1331	92/04/13	trans-1,2-Dichloroethene	<0.4	µg/L
1331	92/06/16	trans-1,2-Dichloroethene	<0.4	µg/L
1331	92/08/12	trans-1,2-Dichloroethene	<0.4	µg/L
1331	92/04/13	trans-1,2-Dichloropropene	<0.8	µg/L
1331	92/06/16	trans-1,2-Dichloropropene	<0.8	µg/L
1331	92/08/12	trans-1,2-Dichloropropene	<0.8	µg/L
1331	92/04/13	Trichloroethylene	<0.2	µg/L
1331	92/06/16	Trichloroethylene	<0.2	µg/L
1331	92/08/12	Trichloroethylene	<0.2	µg/L
1331	92/04/13	Total Organic Carbon	3.14	mg/L
1331	92/06/16	Total Organic Carbon	3.9	mg/L
1331	92/08/12	Total Organic Carbon	2.4	mg/L
1331	92/04/13	Toluene	<0.4	µg/L
1331	92/06/16	Toluene	<0.4	µg/L
1331	92/08/12	Toluene	<0.4	µg/L
1331	92/08/12	Total Trihalomethanes	<1	µg/L
1331	92/04/13	Vinyl chloride	<0.8	µg/L
1331	92/06/16	Vinyl chloride	<0.8	µg/L
1331	92/08/12	Vinyl chloride	<0.8	µg/L
1331	92/04/13	Xylenes	<1	µg/L
1331	92/06/16	Xylenes	<1	µg/L
1331	92/08/12	Xylenes	<1	µg/L

29 Records Processed