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HYDROLOGIC AND WATER-QUALITY DATA FOR THE SOUTHWEST IRRIGATION DISTRICT'S HIGH PLAINS STATES GROUNDWATER RECHARGE DEMONSTRATION PROJECT, SOUTH-CENTRAL IDAHO

By H.W. Young

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Mark Schaefer, Acting Director

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For additional information write to:

District Chief
U.S. Geological Survey
230 Collins Road
Boise, ID 83702-4520

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
acre	0.4047	square hectometer
acre-foot (acre-ft)	1,233	cubic meter
cubic foot per second (ft^3/s)	0.02832	cubic meter per second
foot (ft)	0.3048	meter
gallon per minute (gal/min)	0.06309	liter per second
inch (in.)	25.4	millimeter
mile (mi)	1.609	kilometer
ton	0.9072	metric ton

Temperature in °C (degrees Celsius) can be converted to °F (degrees Fahrenheit) as follows:

$$°F=(1.8)(°C) + 32$$

NGVD: In this report, "NGVD" refers to the National Geodetic Vertical Datum of 1929—a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

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By **H.W. Young**

Abstract

Hydrologic and water-quality data were collected from 1992 through June 1997 as part of the Southwest Irrigation District's High Plains States Groundwater Recharge Demonstration Project. The study area encompasses parts of northeastern Twin Falls County and parts of northwestern Cassia County in south-central Idaho. The data consist of measurements of depth to water, streamflow, and rates of injection; and analyses of water-quality characteristics.

INTRODUCTION

Hydrologic and water-quality data were collected as part of the Southwest Irrigation District's High Plains States Groundwater Recharge Demonstration Project. The data were collected from 1992 through June 1997 by the U.S. Geological Survey, in cooperation with the Southwest Irrigation District. The study area encompasses parts of northeastern Twin Falls County and parts of northwestern Cassia County in south-central Idaho (fig. 1). The recharge project comprised seven recharge sites that received water from three sources. Recharge sites 1 and 2 received water from Cottonwood Creek; recharge sites 3, 4, and 5 received water from Dry Creek; and recharge sites 6 and 7 received water from Murtaugh Lake.

Facilities at the 7 sites consisted of 13 injection wells and 1 infiltration pond; 2 streamflow-gaging stations (one on Cottonwood Creek and one on Dry Creek) equipped with continuous recorders; 9 observation wells, equipped with continuous recorders, for measuring water levels; 4 sites for sampling background quality of the injectate water; 10 wells for sampling background quality of the receiving aquifers; and 26 water-quality monitoring sites (including 11 injectate-water sampling sites and 15 receiving-aquifer sampling sites). The combined capacity of all 7 recharge sites was about 27,700 gallons per minute (61.5 cubic feet per second), or about 122 acre-feet per day.

Recharge summaries for 1992 through June 1997 are shown in table 1. A comparison of streamflow and recharge for Cottonwood and Dry Creeks is shown in table 2. Records of injection wells are shown in table 3.

The following data for the Cottonwood Creek area, Dry Creek area, and Murtaugh Lake area are displayed in separate sections beginning on page 5: maps showing the locations of data collection sites, hydrographs showing water-level fluctuations in observation wells, hydrographs showing water-level fluctuations in water-quality monitoring wells, tables of background water-quality data for injectate water and water in the receiving aquifers, tables of water-quality monitoring data for injectate water and water in the receiving aquifers, hydrographs and tables of mean daily streamflow for Cottonwood and Dry Creeks, and hydrographs and tables of mean daily rates of recharge at the injection wells and the infiltration pond.

Table 1. Summary of recharge for sites 1–7, 1992 through June 1997, south-central Idaho

[1994 totals for site 3 reflect cumulative totals before installation of the data logger]

Site	1992	1993	1994	1995	1996	1997	Source of water
	Recharge (acre-feet)						
1	0	177	0	593	1,140	1,140	Cottonwood Creek
2	36	531	250	971	761	442	Cottonwood Creek
3	0	0	139	740	971	1,040	Dry Creek
4	0	17	212	1,050	1,030	1,070	Dry Creek
5	0	141	34	226	269	282	Dry Creek
6	42	1,164	1,285	1,964	2,217	1,080	Murtaugh Lake
7	0	0	103	930	483	624	Murtaugh Lake
Totals	78	2,030	2,023	6,474	6,871	5,678	

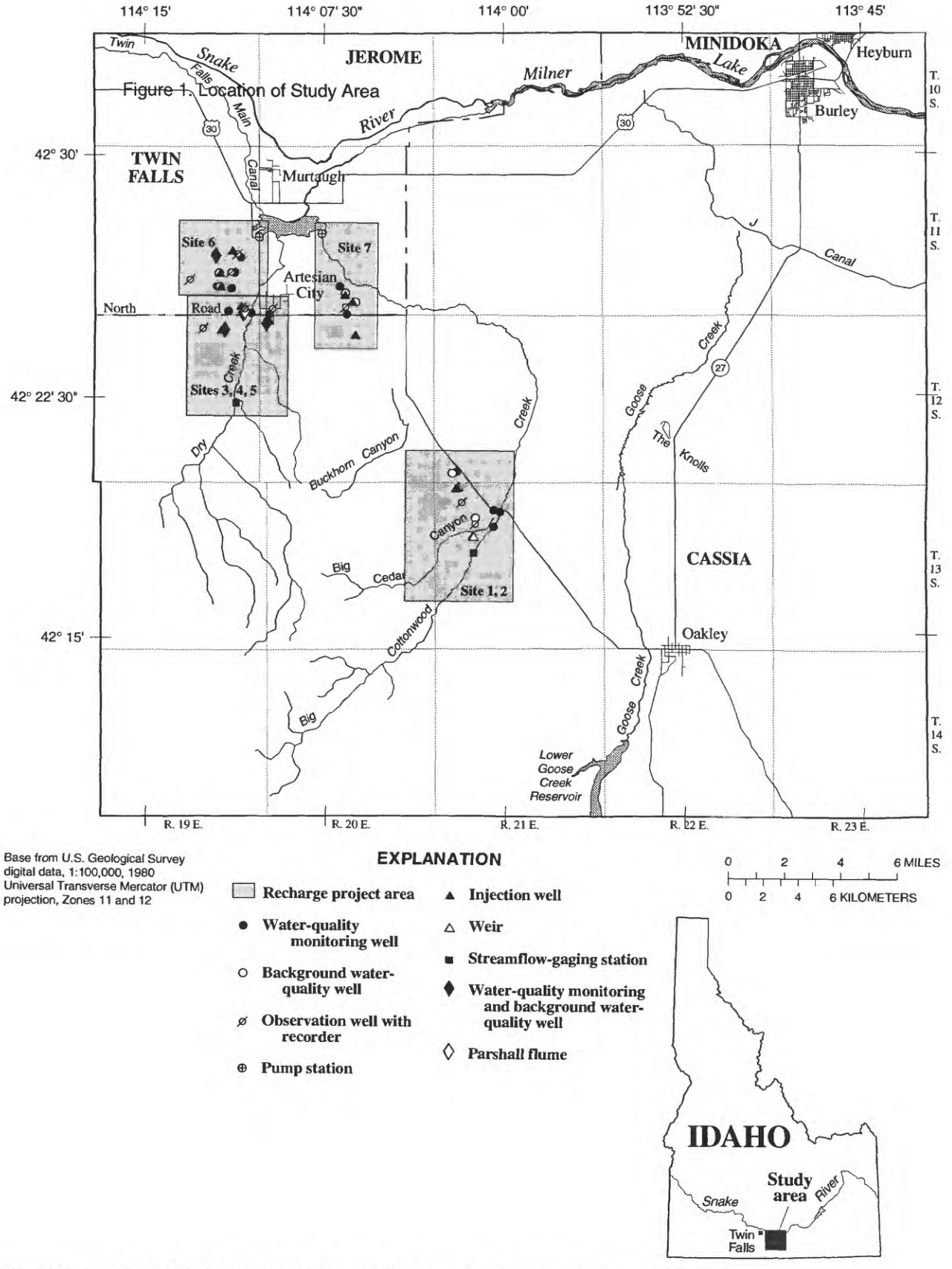

Figure 1. Location of Study Area

Figure 1. Location of study area and data collection sites, south-central Idaho.

U.S. GEOLOGICAL SURVEY NUMBERING SYSTEMS

Well-Numbering System

The U.S. Geological Survey in Idaho numbers well locations within the official rectangular subdivision of the public lands, with reference to the Boise base line and Meridian (fig. 2). For example, the first segment (11S) of site number 11S-20E-28DDC1 designates the township south (or north); the second (20E), the range east (or west); and the third (28), the section in which the site is located. Letters (DDC) following the section number indicate the site's location within the section and are assigned in counterclockwise order beginning with the northeast quarter. The first letter (D) denotes the 1/4 section (160-acre tract), the second (D) denotes the 1/4-1/4 section (40-acre tract), and the third (C) denotes the 1/4-1/4-1/4 section (10-acre tract). The last number (1) is a serial number assigned when the site was inventoried. Springs are denoted with the letter (S) in the last position.

Table 2. Comparison of streamflow and recharge for Cottonwood and Dry Creeks, 1994–97

[Streamflow and recharge in acre-feet; —, data not available; %, percent]

Area	Jan.	Feb.	Mar.	Apr.	May	June	Total
1994							
Cottonwood Creek	—	—	152	662	1,390	328	2,530
Recharge	—	—	0	80	129	9	218
% of flow recharged	—	—	0	12	9	3	9
Dry Creek	—	—	258	797	1,200	247	2,500
Recharge	—	—	75	73	218	0	366
% of flow recharged	—	—	29	9	18	0	15
1995							
Cottonwood Creek	49	150	352	964	3,170	2,250	6,940
Recharge	16	51	70	174	535	519	1,360
% of flow recharged	33	34	20	18	17	23	20
Dry Creek	85	300	665	1,030	2,580	3,020	7,680
Recharge	0	131	269	594	610	413	2,020
% of flow recharged	0	44	40	58	24	14	26
1996							
Cottonwood Creek	—	193	457	2,960	4,900	2,220	10,700
Recharge	—	0	267	633	757	98	1,760
% of flow recharged	—	0	58	21	15	4	16
Dry Creek	—	818	1,400	2,660	2,370	1,140	8,390
Recharge	—	348	838	772	471	123	2,550
% of flow recharged	—	42	60	29	20	11	30
1997							
Cottonwood Creek	209	137	426	2,070	6,840	1,350	11,000
Recharge	0	0	192	531	827	41	1,590
% of flow recharged	0	0	45	26	12	3	14
Dry Creek	1,380	652	1,190	3,680	4,360	694	12,000
Recharge	396	410	280	738	465	111	2,400
% of flow recharged	29	63	24	20	11	16	20

Surface-water sites are assigned a 15-digit station number based on the grid system of latitude and longitude; for example, 473054116331600. The first six digits denote degrees, minutes, and seconds of latitude; the next seven digits denote degrees, minutes, and seconds of longitude; and the last two digits (assigned sequentially) identify sites within a 1-second grid.

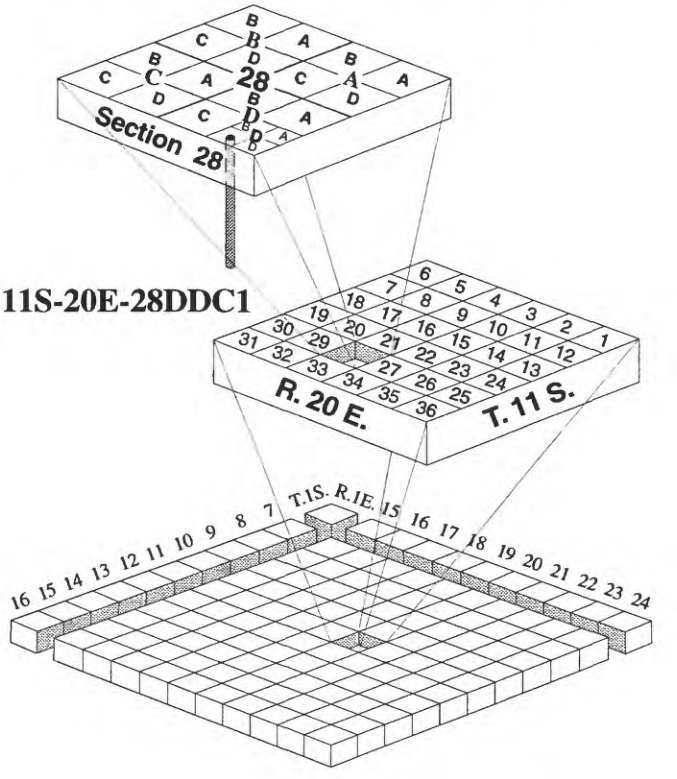

Figure 2. Well-numbering system.

Gaging-Station-Numbering System

Each gaging station has been assigned a number in downstream order in accordance with the permanent numbering system used by the U.S. Geological Survey. Numbers are assigned in a downstream direction along the main stream, and stations on tributaries between main-stream stations are numbered in the order that the tributaries enter the main stream. A similar order is followed on other ranks of tributaries. The complete 8-digit number, such as 13088400, which is used for the station Dry Creek near Artesian City, includes the part number "13," indicating that Dry Creek is in the Snake River Basin, plus a 6-digit station number.

Table 3. Records of injection wells, south-central Idaho

[ft, foot; in., inch; —, no information]

Well number	Depth (feet below land surface)	Casing record	Lithology of receiving aquifer	Remarks
11S 19E 24CBC2	708	0–30 ft, 16-in. steel 30–708 ft, open hole (12–20 in.)	Basalt	310 ft of drop pipe installed.
11S 19E 26ACC2	1,016	0–571 ft, 12-in. steel 571–743 ft, 10-in. steel 743–1,016 ft, open hole (10 in.)	Rhyolite	
11S 19E 26DCC5	340	0–20 ft, 12-in. steel 20–40 ft, open hole 40–126 ft, 12-in. steel 126–284 ft, 10-in. steel (perforations 248–283 ft) 284–340 ft, open hole (14–20 in.)	Basalt	One 10-in. steel casing installed 0–126 ft.
11S 19E 36CAD2	246	0–206 ft, 10-in. steel (perforated) 206–246 ft, 8-in. steel (perforated)	Sand and gravel	
11S 20E 33ADA2	369	0–3 ft, 24-in. steel 3–369 ft, open hole (18 in.)	Basalt	250 ft of drop pipe installed.
11S 20E 34CBA2	555	0–25 ft, 18-in. galvanized 25–187 ft, open hole 187–248 ft, 12-in. steel 248–470, 8-in. steel 470–555 ft, open hole (8 in.)	Basalt and rhyolite	250 ft of drop pipe installed.
12S 19E 02ADC2	750	0–354 ft, 12-in. steel 354–497 ft, 8-in. steel 497–750 ft, open hole (8–14 in.)	Rhyolite	
12S 20E 03CAC2	642	—	Limestone	
12S 20E 06BAC2	258	0–160 ft, 14-in. steel 160–258 ft, open hole (14–20 in.)	Limestone	250 ft of drop pipe installed.
12S 20E 06BBD3	257	0–118 ft, 13-in. steel 118–257 ft, open hole (16–32 in.)	Limestone	250 ft of drop pipe installed.
13S 21E 06AAC1	74	0–9 ft, 12-in. steel 9–47 ft, 16-in. steel (perforated 29–47 ft) 47–74 ft, open hole	Limestone	
13S-21E 06AAC2	231	0–130 ft, 10-in. steel (perforated 60–130 ft) 130–231 ft, open hole (8–18 in.)	Limestone	
13S 21E 08CDC1	692	0–380 ft, 14-in. steel (perforated 280 ft) 380–500 ft, open hole (20–40 in.) 500–692 ft, open hole (20 in.)	Limestone	

Cottonwood Creek Area (sites 1 and 2)

Figures

Tables

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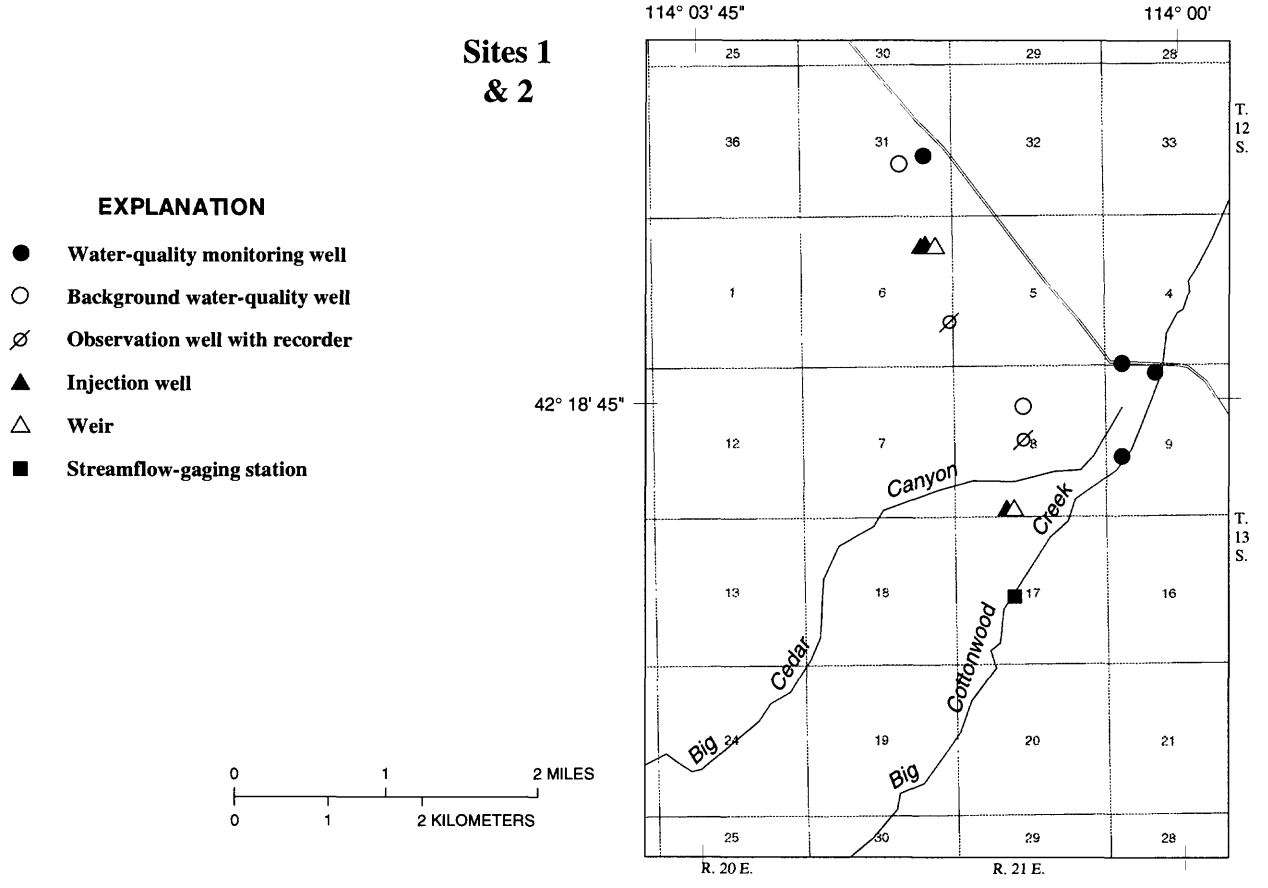

Figure 1. Locations of data collection sites, Cottonwood Creek area.

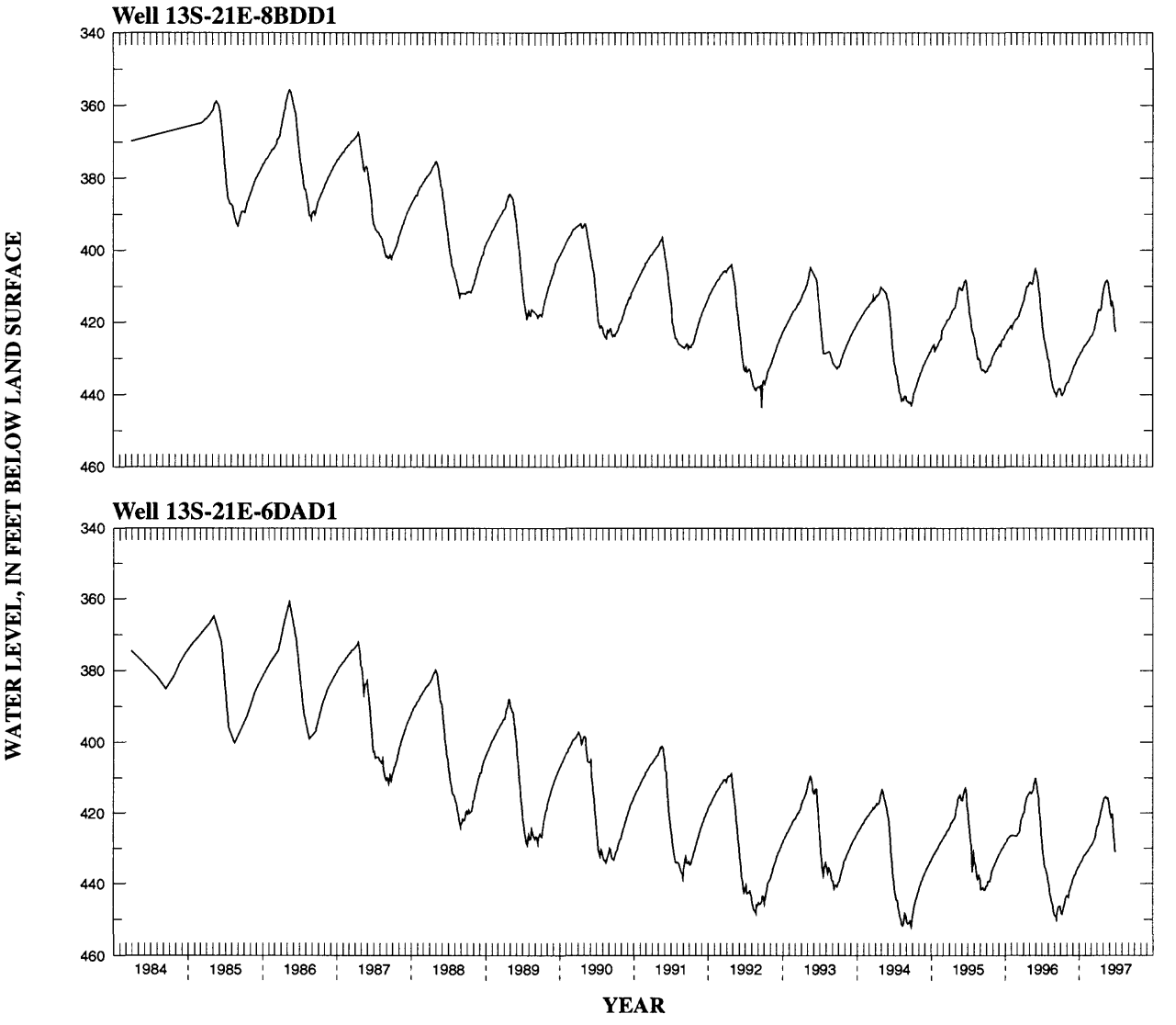

Figure 2. Water-level fluctuations in observation wells in the Cottonwood Creek area, January 1984 through June 1997.

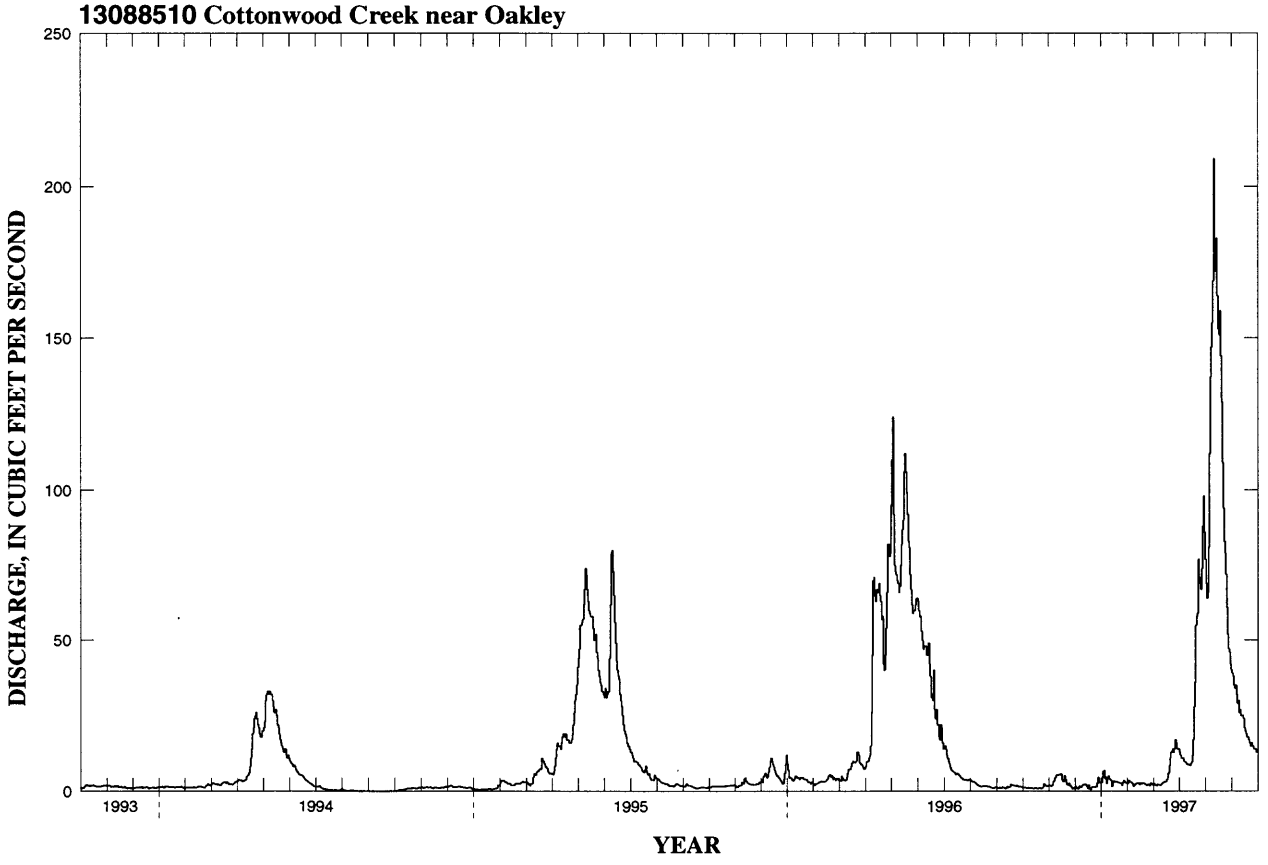

Figure 3. Streamflow in Cottonwood Creek, October 1993 through June 1997.

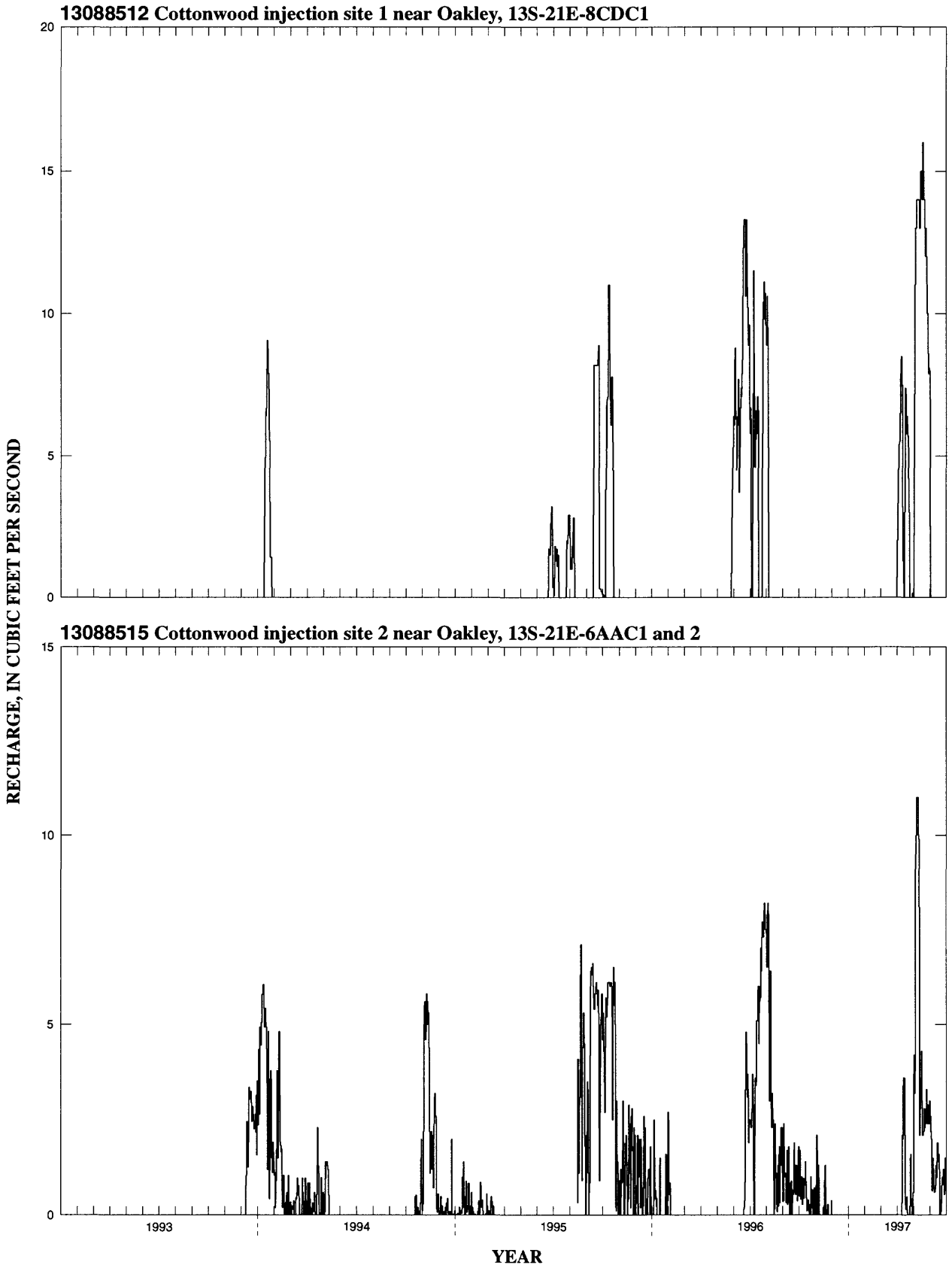

Figure 4. Rates of recharge for sites 1 and 2, Cottonwood Creek area, January 1993 through June 1997.

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996

Headnotes:

LOCAL IDENTIFIER	site name or number
AC-FT	acre-foot, acre-feet
COLS.	colonies
DEG C	degrees Celsius
DIS., DISS, DISSOLV	dissolved
ELEV.	elevation
FET	fixed endpoint titration
FLT, FLD, FLTRD	filtered
FT.	foot, feet
GF 0.7U, 0.7U GF 0.7 UM-MF	pore size of filter—0.7 microgram, membrane filter method
INST.	instantaneous
K	nonideal colony count
MG/L	milligrams per liter
ML	milliliter
NGVD	National Geodetic Vertical Datum of 1929
NR	near
REC, RECOV., RECOVER	recoverable
SRG, SURROG, SURROGT	surrogate
TOT	total
US/CM	microsiemens per centimeter
UG/L	micrograms per liter
UNFLTRD, UNFILT, UNF	unfiltered
VOC	volatile organic compound
WAT	water
WH, WHL	whole
<	less than
—	no data available

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	DISCHARGE, INST. (CUBIC FEET PER SECOND)	SPECIFIC CONDUCTANCE (US/CM)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	PH WATER WHOLE FIELD (STANDARD UNITS)	PH WATER WHOLE LAB (STANDARD UNITS)
COTTONWOOD CREEK NR OAKLEY	13088510	04-07-93	5.5	—	76	10.6	100	7.8	7.7
		04-20-94	7.5	—	72	9.9	99	7.3	7.4
		03-28-95	2.0	6.4	74	12.2	106	6.9	7.2
		02-28-96	0.5	7.8	96	12.2	102	7.1	7.4
13S 21E 08BDA1	421845114011301	03-25-93	24.0	—	316	4.1	58	7.6	7.8
		03-30-93	24.0	—	309	—	—	7.8	—
		03-29-94	24.0	—	307	6.0	84	7.7	7.7
		03-29-95	24.0	—	305	—	—	7.6	7.5
		03-26-96	24.0	—	301	3.5	51	7.4	7.6
12S 21E 31DBD1	422008114020701	03-25-93	21.5	—	236	5.6	76	7.9	8.0
		03-31-93	21.0	—	221	—	—	8.0	—
		03-29-94	22.0	—	251	5.8	77	7.6	7.8
		04-24-96	22.0	—	255	6.0	82	7.4	7.9

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)
COTTONWOOD CREEK NR OAKLEY	04-07-93	30	—	—	0.040	<0.010	—	—	—	<0.20	—	<0.050	0.06
	04-20-94	27	0.27	0.17	0.030	<0.010	—	0.066	0.20	—	0.066	0.066	0.06
	03-28-95	31	—	—	<0.015	<0.010	—	—	0.30	—	—	<0.050	0.06
	02-28-96	39	—	—	<0.015	<0.010	—	0.060	<0.20	—	0.060	0.060	0.06
13S 21E 08BDA1	03-25-93	139	—	—	0.020	<0.010	—	0.330	—	<0.20	0.330	0.330	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	133	—	—	0.020	<0.010	—	0.280	<0.20	—	0.280	0.280	—
	03-29-95	136	—	—	0.030	<0.010	—	0.280	<0.20	—	0.280	0.280	—
	03-26-96	131	—	—	0.040	<0.010	—	0.270	<0.20	—	0.270	0.270	—
12S 21E 31DBD1	03-25-93	117	—	—	0.010	<0.010	—	0.150	—	<0.20	0.150	0.150	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	113	—	—	0.010	0.010	0.160	0.160	<0.20	—	0.170	0.170	—
	04-24-96	108	—	—	0.020	<0.010	—	0.150	<0.20	—	0.150	0.150	0.06

LOCAL IDENTIFIER	DATE	PHOSPHORUS TOTAL (MG/L AS P)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	HARDNESS TOTAL (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)
COTTONWOOD CREEK NR OAKLEY	04-07-93	0.020	0.020	3.8	23	7.2	1.1	4.7	0.4	28	3.0	4.9	2.6
	04-20-94	—	0.020	6.7	19	6.1	0.91	3.8	0.4	27	2.9	3.1	2.6
	03-28-95	—	0.020	—	25	8.3	1.1	4.7	0.4	26	2.8	4.8	2.3
	02-28-96	—	0.020	—	39	13	1.7	6.2	0.4	23	3.6	7.3	3.9
13S 21E 08BDA1	03-25-93	<0.010	<0.010	0.20	130	40	7.2	12	0.5	16	3.9	7.7	15
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	<0.010	—	130	40	7.2	11	0.4	15	4.0	7.3	16
	03-29-95	—	<0.010	—	130	40	7.1	11	0.4	15	4.0	8.5	13
	03-26-96	—	<0.010	—	140	43	7.3	11	0.4	14	3.6	7.5	14
12S 21E 31DBD1	03-25-93	<0.010	<0.010	0.20	110	37	4.9	6.9	0.3	11	2.9	6.7	9.0
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	<0.010	—	110	36	5.1	6.5	0.3	11	2.8	6.7	9.4
	04-24-96	—	0.020	—	110	36	4.8	6.7	0.3	11	2.9	6.3	9.1

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)
COTTONWOOD	04-07-93	0.10	37	<1	<100	<10	<1	9	<1	1	280	<1	<10
CREEK NR	04-20-94	<0.10	36	<1	100	<10	<1	1	<1	1	1000	1	60
OAKLEY	03-28-95	0.10	39	—	—	—	—	—	—	—	—	—	—
	02-28-96	0.10	41	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	0.20	16	2	<100	<10	<1	<1	<1	5	50	1	<10
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	0.30	16	—	—	—	—	—	—	—	—	—	—
	03-29-95	0.20	16	—	—	—	—	—	—	—	—	—	—
	03-26-96	0.30	15	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	0.10	13	1	<100	<10	<1	<1	<1	<1	<10	<1	<10
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	0.20	13	—	—	—	—	—	—	—	—	—	—
	04-24-96	0.20	13	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	SELENIUM, TOTAL (UG/L AS SE)	PROPACHLOR, WATER, DISS, REC (UG/L)	BUTYLATE, WATER, DISS, REC (UG/L)	BROMACIL, WATER, DISS, REC (UG/L)	SIMAZINE, WATER, DISS, REC (UG/L)	PROMETON, WATER, DISS, REC (UG/L)
COTTONWOOD	04-07-93	<1	<1	<1	<10	50	10	<1	—	—	—	—	—
CREEK NR	04-20-94	<1	<1	<1	<10	1200	<10	<1	<0.007	<0.002	<0.100	<0.005	<0.018
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<1	2	<1	<10	20	20	<1	—	—	—	—	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<1	2	<1	<10	10	10	<1	—	—	—	—	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	DESETHYL ATRAZINE, WATER, DISS, REC (UG/L)	CYANAZINE, WATER, DISS, REC (UG/L)	FONOFOS WATER DISS REC (UG/L)	DIBROMOMETHANE WATER WHOLE RECOVER (UG/L)	BROMACIL WATER WHL REC (UG/L)	BUTACHLOR WATER WHL REC (UG/L)	BUTYLATE WATER WHL REC (UG/L)	CARBON IN WATER WHOLE RECOVERABLE (UG/L)	CYCLOATE WATER WHOLE RECOVERABLE (UG/L)	DIPHENAMID WATER WHOLE RECOVERABLE (UG/L)	HEXAZINONE WATER WHOLE RECOVERABLE (UG/L)	PROPACHLOR WATER WHOLE RECOV. (UG/L)
COTTONWOOD	04-07-93	—	—	—	<0.200	<0.200	<0.100	<0.100	<0.200	<0.100	<0.100	<0.200	<0.100
CREEK NR	04-20-94	<0.002	<0.004	<0.003	<0.200	—	—	—	—	—	—	—	—
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	—	—	—	<0.200	<0.200	<0.100	<0.100	<0.200	<0.100	<0.100	<0.200	<0.100
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	—	—	<0.200	<0.200	<0.100	<0.100	<0.200	<0.100	<0.100	<0.200	<0.100
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	TERBACIL WATER WHOLE RECOV. (UG/L)	VERNOLATE WATER WHOLE RECOV. (UG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	DICHLOROBROMOMETHANE TOTAL (UG/L)	CARBONTETRACHLORIDE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)
COTTONWOOD	04-07-93	<0.200	<0.100	<1	K9	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CREEK NR	04-20-94	—	—	K10	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
OAKLEY	03-28-95	—	—	<1	92	—	—	—	—	—	—	—	—
	02-28-96	—	—	<1	K15	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.200	<0.100	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.200	<0.100	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	<1	K1	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ACROLEIN TOTAL (UG/L)	ACRYLONITRILE TOTAL (UG/L)	ALPHA BHC DISSOLVED (UG/L)	CHLOROBENZENE TOTAL (UG/L)	CHLOROETHANE TOTAL (UG/L)	ETHYLBENZENE TOTAL (UG/L)	METHYLBROMIDE TOTAL (UG/L)	METHYLCHLORIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)	TETRACHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLUOROMETHANE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)
COTTONWOOD	04-07-93	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CREEK NR	4-20-94	<20.0	<20.0	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	ETHANE, 1,1,2,2-TETRACHLORO-WAT UNF REC (UG/L)	BENZENE O-DICHLORO-WATER UNFLTRD REC (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2-TRANSDICHLOROETHENE TOTAL (UG/L)	BENZENE 1,2,4-TRICHLORO-WAT UNF REC (UG/L)	BENZENE 1,3-DICHLORO-WATER UNFLTRD REC (UG/L)	BENZENE 1,4-DICHLORO-WATER UNFLTRD REC (UG/L)	2-CHLOROETHYLVINYLETHER TOTAL (UG/L)	P,P' DDE DISSOLV (UG/L)
COTTONWOOD	04-07-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	—
CREEK NR	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	NAPHTHALENE TOTAL (UG/L)	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)	CIS-1,3-DICHLOROPROPENE TOTAL (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)
COTTONWOOD	04-07-93	<0.200	<0.200	<0.200	—	—	—	—	—	—	—	—	—
CREEK NR	04-20-94	<0.200	<0.200	<0.200	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.200	<0.200	<0.200	—	—	—	—	—	—	—	—	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.200	<0.200	<0.200	—	—	—	—	—	—	—	—	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CHLORPYRIFOS TOTAL RECOVER (UG/L)	CHLORPYRIFOS DISSOLVED (UG/L)	DISULFOTON UNFILT RECOVER (UG/L)	PHORATE TOTAL (UG/L)	PROPAZINE TOTAL (UG/L)	TRIFLURALIN TOTAL RECOVER (UG/L)	DEF TOTAL (UG/L)	SIMETRYNE TOTAL (UG/L)	SIMAZINE TOTAL (UG/L)	PROMETONE TOTAL (UG/L)	PROMETRYNE TOTAL (UG/L)	VINYL CHLORIDE TOTAL (UG/L)
COTTONWOOD	04-07-93	<0.010	—	<0.010	<0.010	<0.100	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200
CREEK NR	04-20-94	—	<0.004	—	—	—	—	—	—	—	—	—	<0.200
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.010	—	<0.010	<0.010	<0.100	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	—	—	—	<0.100	<0.100	—	<0.100	<0.100	<0.200	<0.100	<0.200
	03-31-93	<0.010	—	<0.010	<0.010	—	—	<0.010	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	TRICHLOROETHYLENE TOTAL (UG/L)	LINDANE DISSOLVED (UG/L)	DIELDRIN DISSOLVED (UG/L)	ETHION, TOTAL (UG/L)	METOLACHLOR WATER DISSOLV (UG/L)	MALATHION, TOTAL (UG/L)	MALATHION, DISSOLVED (UG/L)	PARATHION, TOTAL (UG/L)	PARATHION, DISSOLVED (UG/L)	DIAZINON, TOTAL (UG/L)	DIAZINON, DISSOLVED (UG/L)	METHYL PARATHION, TOTAL (UG/L)
COTTONWOOD	04-07-93	<0.200	—	—	<0.010	—	<0.010	—	<0.010	—	<0.010	—	<0.010
CREEK NR	04-20-94	<0.200	<0.004	<0.001	—	<0.002	—	<0.005	—	<0.004	—	<0.002	—
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.200	—	—	<0.010	—	<0.010	—	<0.010	—	<0.010	—	<0.010
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.200	—	—	—	—	—	—	—	—	—	—	—
	03-31-93	—	—	—	<0.010	—	<0.010	—	<0.010	—	<0.010	—	<0.010
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	ATRAZINE WATER UNFLTRD REC (UG/L)	ATRAZINE, WATER, DISS, REC (UG/L)	HEXACHLOROBUTADIENE TOTAL (UG/L)	PICLORAM UNFILT RECOVER (UG/L)	2,4-D, TOTAL (UG/L)	2,4-D, DISSOLVED (UG/L)	2,4,5-T TOTAL (UG/L)	2,4,5-T DISSOLVED (UG/L)	SILVEX, TOTAL (UG/L)	SILVEX, DISSOLVED (UG/L)	TOTAL TRITHION (UG/L)	ALACHLOR, WATER, DISS, REC, (UG/L)
COTTONWOOD	04-07-93	<0.100	—	<0.200	<0.010	<0.010	—	<0.010	—	<0.010	—	<0.010	—
CREEK NR	04-20-94	—	<0.001	<0.200	—	—	<0.100	—	<0.100	—	<0.100	—	<0.002
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.100	—	<0.200	<0.010	<0.010	—	<0.010	—	<0.010	—	<0.010	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.100	—	<0.200	<0.010	<0.010	—	<0.010	—	<0.010	—	—	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	<0.010	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L)	ESFENVALERATE, WAT,FLT GF 0.7U REC (UG/L)	DNOC WAT,FLT GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)
COTTONWOOD	04-07-93	—	—	—	—	—	—	—	—	—	—	—	—
CREEK NR	04-20-94	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOBENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L)	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L)	CHLORAMBEN, WATER, FLTRD, GF 0.7U REC (UG/L)	3-HYDROXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)
COTTONWOOD	04-07-93	—	—	—	—	—	—	—	—	—	—	—
CREEK NR	04-20-94	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	—	—	—	—	—	—	—	—	—	—	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	—	—	—	—	—	—	—	—	—	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER DAY)	SOLIDS, DISSOLVED (TONS PER AC-FT)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3)
COTTONWOOD	04-07-93	—	—	—	—	79	—	0.11	0.800	<0.100	0.05	—
CREEK NR	04-20-94	<0.100	<0.100	<0.100	<0.100	72	—	0.10	0.900	<0.100	0.04	—
OAKLEY	03-28-95	—	—	—	—	82	1.41	0.11	—	—	—	—
	02-28-96	—	—	—	—	101	2.12	0.14	—	—	—	—
13S 21E 08BDA1	03-25-93	—	—	—	—	187	—	0.25	<0.100	<0.100	0.03	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	183	—	0.25	—	—	0.03	—
	03-29-95	—	—	—	—	183	—	0.25	—	—	0.04	—
	03-26-96	—	—	—	—	181	—	0.25	—	—	0.05	—
12S 21E 31DBD1	03-25-93	—	—	—	—	151	—	0.21	<0.100	<0.100	0.01	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	148	—	0.20	—	—	0.01	0.71
	04-24-96	—	—	—	—	145	—	0.20	—	—	0.03	—

LOCAL IDENTIFIER	DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DE-ISO PROPYL ATRAZIN WATER, WHOLE, TOTAL (UG/L)	DEETHYL ATRAZINE, WATER, WHOLE, TOTAL (UG/L)	CIS-1,2-DICHLOROETHENE WATER TOTAL (UG/L)	STYRENE TOTAL (UG/L)	1,1-DICHLOROPROPENE, WAT, WH TOTAL (UG/L)	2,2-DICHLOROPROPANE WAT, WH TOTAL (UG/L)
COTTONWOOD	04-07-93	—	<0.10	—	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200
CREEK NR	04-20-94	—	<0.10	—	—	—	—	—	<0.200	<0.200	<0.200	<0.200
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	—	<0.10	5000	1050	395.43	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-30-93	—	—	5000	1050	—	—	—	—	—	—	—
	03-29-94	—	—	5000	1050	435.42	—	—	—	—	—	—
	03-29-95	—	—	5000	1050	—	—	—	—	—	—	—
	03-26-96	—	—	5000	1050	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	<0.10	4551	1000	251.78	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-31-93	—	—	4551	1000	—	—	—	—	—	—	—
	03-29-94	0.03	—	4551	1000	251.07	—	—	—	—	—	—
	04-24-96	—	—	4551	1000	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	1,3-DICHLOROPROPANE WAT, WH TOTAL (UG/L)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L)	ISOPROPYLBENZENE WATER WHOLE REC (UG/L)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L)	O-CHLOROTOLUENE WATER WHOLE TOTAL (UG/L)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L)	METHANE BROMO CHLOROWAT UNFLTRD REC (UG/L)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L)	BENZENE SEC BUTYLWATER UNFLTRD REC (UG/L)	BENZENE TERT-BUTYLWATER UNFLTRD REC (UG/L)
COTTONWOOD	04-07-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200
CREEK NR	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200
	03-31-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	P-ISOPROPYLTOLUENE WATER WHOLE REC (UG/L)	1,2,3-TRICHLOROPROPANE WATER WHOLE TOTAL (UG/L)	ETHANE, 1,1,1,2-TETRACHLORO-WAT UNF REC (UG/L)	1,2,3-TRICHLOROBENZENE WAT, WH REC (UG/L)	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L)	FREON-113 WATER UNFLTRD REC (UG/L)	ALACHLOR TOTAL RECOVER (UG/L)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L)	XYLENE WATER UNFLTRD REC (UG/L)	BROMOBENZENE WATER, WHOLE, TOTAL (UG/L)	CYANAZINE TOTAL (UG/L)
COTTONWOOD	04-07-93	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.100	—	<0.200	<0.200	<0.200
CREEK NR	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	—
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.100	—	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.100	—	<0.200	<0.200	<0.200
	03-31-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	DICAMBA TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	AMETRYNE TOTAL (UG/L)	METRIBUZIN WATER WHOLE TOT.REC (UG/L)	METOLACHLOR WATER WHOLE TOT.REC (UG/L)	FONOFOS (DYFONATE) WATER WHOLE TOT.REC (UG/L)	DIBROMOCHLOROPROPANE WATER WHOLE TOT.REC (UG/L)	METRIBUZIN SENCOR WATER DISSOLV (UG/L)	2,6-DIETHYLANILINE WAT FLT 0.7 U GF, REC (UG/L)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L)
COTTONWOOD	04-07-93	<0.010	<0.010	<0.100	<0.100	<0.200	<0.010	<1.00	—	—	—	—
CREEK NR	04-20-94	—	—	—	—	—	—	<1.00	<0.004	<0.003	<0.002	<0.004
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	<0.010	<0.010	<0.100	<0.100	<0.200	<0.010	<1.00	—	—	—	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	<0.010	<0.010	<0.100	<0.100	<0.200	—	<1.00	—	—	—	—
	03-31-93	—	—	—	—	—	<0.010	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L)
COTTONWOOD	04-07-93	—	—	—	—	—	—	—	—	—	—	—
CREEK NR	04-20-94	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	—	—	—	—	—	—	—	—	—	—	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	—	—	—	—	—	—	—	—	—	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Cottonwood Creek area, 1993 through 1996 —Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L)
COTTONWOOD	04-07-93	—	—	—	—	—	—	—	—	—	—	—
CREEK NR	04-20-94	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013
OAKLEY	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	—	—	—	—	—	—	—	—	—	—	—
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	—	—	—	—	—	—	—	—	—	—
	03-31-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	METHYLAZINPHOS WAT FLT 0.7 U GF, REC (UG/L)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)	SPECIFIC CONDUCTANCE LAB (US/CM)	ALKALINITY LAB (MG/L AS CACO3)	DIAZINON D10 SRG WAT FLT 0.7 U GF, REC PERCENT	TERBUTHYLAZINE SURROGT WAT FLT 0.7 U GF, REC PERCENT	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT	BDMC, SURROG, WATER, UNFLTRD REC PERCENT	SAMPLE VOLUME, SCHEDULE 2050 (ML)	SAMPLE VOLUME SCHEDULE 2001 (ML)	SAMPLE VOLUME SCHEDULE 1389 (ML)
COTTONWOOD	04-07-93	—	—	78	29	—	—	—	—	—	—	970
CREEK NR	04-20-94	<0.001	<0.005	68	26	94.3	103	88.0	22.0	573	940	—
OAKLEY	03-28-95	—	—	83	31	—	—	—	—	—	—	—
	02-28-96	—	—	114	41	—	—	—	—	—	—	—
13S 21E 08BDA1	03-25-93	—	—	319	139	—	—	—	—	—	—	978
	03-30-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	317	137	—	—	—	—	—	—	—
	03-29-95	—	—	316	135	—	—	—	—	—	—	—
	03-26-96	—	—	316	137	—	—	—	—	—	—	—
12S 21E 31DBD1	03-25-93	—	—	263	119	—	—	—	—	—	—	941
	03-31-93	—	—	—	—	—	—	—	—	—	—	—
	03-29-94	—	—	267	115	—	—	—	—	—	—	—
	04-24-96	—	—	257	116	—	—	—	—	—	—	—

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Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997

Headnotes:

LOCAL IDENTIFIER	site name or number
AC-FT	acre-foot, acre-feet
COLS.	colonies
DEG C	degrees Celsius
DIS.	dissolved
ELEV.	elevation
FET	field endpoint titration
FT.	foot, feet
G/M	gallons per minute
INST.	instantaneous
K	nonideal colony count
MG/L	milligrams per liter
ML	milliliter
NGVD	National Geodetic Vertical Datum of 1929
TOT	total
US/CM	microsiemens per centimeter
WAT	water
WH	whole
0.7 UM-MF	pore size of filter—0.7 microgram, membrane filter method
—	no data available
<	less than
>	greater than

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
COTTONWOOD SITE 1 (INJECTION)	13088512	05-05-93	7.0	1300	2.9	64	7.4
		05-12-93	7.5	4500	10	64	7.3
		05-18-93	12.0	945	2.1	64	7.4
		02-09-95	1.5	625	1.4	115	7.8
		03-14-95	6.0	1440	3.2	95	7.5
		03-21-95	5.5	711	1.6	86	7.0
		05-08-95	8.0	3700	8.2	64	7.2
		05-15-95	7.5	3700	8.2	68	7.2
		03-11-96	9.5	1650	3.7	109	7.0
		03-20-96	5.0	3250	7.2	109	6.8
		03-26-96	1.0	1530	3.4	104	7.4
		04-02-96	5.5	3700	8.2	105	7.4
		04-09-96	6.0	4820	11	85	7.2
		04-18-96	4.0	2890	6.4	89	7.2
		05-01-96	7.0	2890	6.4	77	6.9
		05-07-96	10.0	3180	7.1	75	7.0
		05-21-96	6.0	4900	11	74	7.2
		05-29-96	8.0	4340	9.6	78	7.2
		03-19-97	8.5	2270	5.0	104	6.7
		03-25-97	3.5	3780	8.4	91	6.9
		03-31-97	4.0	3420	7.6	92	7.6
		04-09-97	5.0	994	2.2	102	7.5
		04-21-97	5.5	3100	6.9	72	7.7
		04-28-97	6.0	6880	15	76	7.7
		05-05-97	11.0	6160	14	72	7.4
		05-13-97	7.0	6440	14	73	8.0
		05-20-97	8.0	4590	10	70	7.8
COTTONWOOD SITE 2 (INJECTION)	13088515	03-30-93	6.5	855	1.9	90	7.9
		04-06-93	2.5	1440	3.2	80	7.9
		04-13-93	7.0	1170	2.6	81	7.9
		04-20-93	4.5	1760	3.9	81	7.6
		04-27-93	10.5	2340	5.2	76	7.6
		05-04-93	5.0	2970	6.6	64	7.7
		05-12-93	8.5	2070	4.6	72	7.9
		05-18-93	15.0	900	2.0	72	7.4
		05-24-93	14.5	270	0.60	74	7.6
		04-11-94	12.5	189	0.42	105	7.8
		04-25-94	8.0	2440	5.4	68	7.6
		05-03-94	8.0	2890	6.4	69	7.4
		05-11-94	10.5	824	1.8	66	7.4

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	HARD-NESS TOTAL (MG/L AS CACO3)
COTTONWOOD SITE 1 (INJECTION)	05-05-93	22	—	—	—	—	—	—	—	—	—
	05-12-93	24	—	—	—	—	—	—	—	—	—
	05-18-93	23	—	—	—	—	—	—	—	—	—
	02-09-95	43	—	—	—	—	—	—	—	—	—
	03-14-95	34	—	—	—	—	—	—	—	—	—
	03-21-95	30	—	—	—	—	—	—	—	—	—
	05-08-95	23	—	—	—	—	—	—	—	—	—
	05-15-95	23	—	—	—	—	—	—	—	—	—
	03-11-96	35	—	—	—	—	—	—	—	—	—
	03-20-96	35	—	—	—	—	—	—	—	—	—
	03-26-96	33	—	—	—	—	—	—	—	—	—
	04-02-96	34	—	—	—	—	—	—	—	—	—
	04-09-96	27	—	—	—	—	—	—	—	—	—
	04-18-96	28	—	—	—	—	—	—	—	—	—
	05-01-96	25	—	—	—	—	—	—	—	—	—
	05-07-96	24	—	—	—	—	—	—	—	—	—
	05-21-96	25	—	—	—	—	—	—	—	—	—
	05-29-96	26	—	—	—	—	—	—	—	—	—
	03-19-97	36	—	—	—	—	—	—	—	—	—
	03-25-97	31	—	—	—	—	—	—	—	—	—
	03-31-97	32	—	—	—	—	—	—	—	—	—
	04-09-97	34	—	—	—	—	—	—	—	—	—
	04-21-97	27	—	—	—	—	—	—	—	—	—
	04-28-97	25	—	—	—	—	—	—	—	—	—
	05-05-97	28	—	—	—	—	—	—	—	—	—
	05-13-97	31	—	—	—	—	—	—	—	—	—
	05-20-97	27	—	—	—	—	—	—	—	—	—
COTTONWOOD SITE 2 (INJECTION)	03-30-93	31	—	—	—	—	—	—	—	—	—
	04-06-93	31	—	—	—	—	—	—	—	—	—
	04-13-93	30	—	—	—	—	—	—	—	—	—
	04-20-93	28	—	—	—	—	—	—	—	—	—
	04-27-93	29	—	—	—	—	—	—	—	—	—
	05-04-93	23	—	—	—	—	—	—	—	—	—
	05-12-93	27	—	—	—	—	—	—	—	—	—
	05-18-93	26	—	—	—	—	—	—	—	—	—
	05-24-93	26	—	—	—	—	—	—	—	—	—
	04-11-94	39	—	—	—	—	—	—	—	—	—
	04-25-94	24	—	—	—	—	—	—	—	—	—
	05-03-94	26	—	—	—	—	—	—	—	—	—
	05-11-94	25	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
COTTONWOOD SITE 1 (INJECTION)	05-05-93	—	—	—	—	—	—	—	—	—
	05-12-93	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—
	02-09-95	—	—	—	—	—	—	—	—	—
	03-14-95	—	—	—	—	—	—	—	—	—
	03-21-95	—	—	—	—	—	—	—	—	—
	05-08-95	—	—	—	—	—	—	—	—	—
	05-15-95	—	—	—	—	—	—	—	—	—
	03-11-96	—	—	—	—	—	—	—	—	—
	03-20-96	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	03-19-97	—	—	—	—	—	—	—	—	—
	03-25-97	—	—	—	—	—	—	—	—	—
	03-31-97	—	—	—	—	—	—	—	—	—
	04-09-97	—	—	—	—	—	—	—	—	—
	04-21-97	—	—	—	—	—	—	—	—	—
	04-28-97	—	—	—	—	—	—	—	—	—
	05-05-97	—	—	—	—	—	—	—	—	—
	05-13-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—
COTTONWOOD SITE 2 (INJECTION)	03-30-93	—	—	—	—	—	—	—	—	—
	04-06-93	—	—	—	—	—	—	—	—	—
	04-13-93	—	—	—	—	—	—	—	—	—
	04-20-93	—	—	—	—	—	—	—	—	—
	04-27-93	—	—	—	—	—	—	—	—	—
	05-04-93	—	—	—	—	—	—	—	—	—
	05-12-93	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—
	05-24-93	—	—	—	—	—	—	—	—	—
	04-11-94	—	—	—	—	—	—	—	—	—
	04-25-94	—	—	—	—	—	—	—	—	—
	05-03-94	—	—	—	—	—	—	—	—	—
	05-11-94	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
COTTONWOOD SITE 1 (INJECTION)	05-05-93	—	K10	K17	—	—	—	—	—	—
	05-12-93	—	K110	K130	—	—	—	—	—	—
	05-18-93	—	K3	K3	—	—	—	—	—	—
	02-09-95	—	K1	K50	—	—	—	—	—	—
	03-14-95	—	<1	K52	—	—	—	—	—	—
	03-21-95	—	K3	95	—	—	—	—	—	—
	05-08-95	—	<1	K10	—	—	—	—	—	—
	05-15-95	—	K10	K23	—	—	—	—	—	—
	03-11-96	—	<1	K35	—	—	—	—	—	—
	03-20-96	—	K2	K8	—	—	—	—	—	—
	03-26-96	—	K2	K17	—	—	—	—	—	—
	04-02-96	—	K10	210	—	—	—	—	—	—
	04-09-96	—	K7	K47	—	—	—	—	—	—
	04-18-96	—	K7	K40	—	—	—	—	—	—
	05-01-96	—	K2	K27	—	—	—	—	—	—
	05-07-96	—	K2	K50	—	—	—	—	—	—
	05-21-96	—	K13	K30	—	—	—	—	—	—
	05-29-96	—	78	K23	—	—	—	—	—	—
	03-19-97	—	K33	K3	—	—	—	—	—	—
	03-25-97	—	K8	K4	—	—	—	—	—	—
	03-31-97	—	K34	K370	—	—	—	—	—	—
	04-09-97	—	K1	K10	—	—	—	—	—	—
	04-21-97	—	K10	K13	—	—	—	—	—	—
	04-28-97	—	K10	K17	—	—	—	—	—	—
	05-05-97	—	K12	K7	—	—	—	—	—	—
	05-13-97	—	K23	—	—	—	—	—	—	—
	05-20-97	—	K12	K7	—	—	—	—	—	—
COTTONWOOD SITE 2 (INJECTION)	03-30-93	—	K1	23	—	—	—	—	—	—
	04-06-93	—	K5	78	—	—	—	—	—	—
	04-13-93	—	<1	K12	—	—	—	—	—	—
	04-20-93	—	K1	K28	—	—	—	—	—	—
	04-27-93	—	57	65	—	—	—	—	—	—
	05-04-93	—	K380	K29	—	—	—	—	—	—
	05-12-93	—	K330	K270	—	—	—	—	—	—
	05-18-93	—	570	380	—	—	—	—	—	—
	05-24-93	—	K45	92	—	—	—	—	—	—
	04-11-94	—	<1	—	—	—	—	—	—	—
	04-25-94	—	150	—	—	—	—	—	—	—
	05-03-94	—	K47	K53	—	—	—	—	—	—
	05-11-94	—	K700	220	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
COTTONWOOD SITE 2 (INJECTION)	13088515	05-18-94	7.5	981	2.2	65	7.4
		04-05-95	10.5	900	2.0	91	7.5
		04-12-95	5.5	1240	2.7	77	7.6
		04-18-95	5.0	824	1.8	75	7.4
		05-03-95	7.5	3210	7.1	66	7.5
		05-08-95	10.5	2490	5.5	63	7.4
		05-15-95	10.0	2640	5.9	68	7.8
		05-22-95	11.0	1660	3.7	69	7.5
		04-09-96	8.0	2440	5.4	96	7.4
		04-18-96	5.0	1420	3.2	148	7.6
		04-24-96	7.5	1420	3.2	130	7.3
		05-01-96	10.5	1460	3.2	105	7.3
		05-08-96	5.5	3190	7.1	99	7.5
		05-13-96	15.0	2160	4.8	89	7.5
		05-21-96	7.0	3130	7.0	98	7.2
		05-29-96	9.0	3010	6.7	106	7.3
		03-25-97	2.5	1440	3.2	138	8.0
		03-31-97	5.0	436	0.97	169	7.9
		04-21-97	9.0	1980	4.4	113	8.0
		04-28-97	8.5	4950	11	114	8.0
		05-05-97	14.0	1580	3.5	118	7.9
		05-13-97	9.0	1530	3.4	122	8.1
		05-20-97	9.5	104	0.23	152	8.1
COTTONWOOD CREEK AT BIG CEDAR	13088517	04-01-93	7.0	—	—	76	7.8
		04-07-93	12.0	—	—	117	—
		04-29-93	7.0	—	—	134	7.0
13S 21E 09CBB1	421829114002601	03-23-93	7.5	—	—	243	6.7
		04-01-93	8.0	—	—	243	6.7
		04-16-93	8.0	—	—	232	6.7
		04-21-93	9.0	—	—	235	6.7
		04-28-93	8.0	—	—	242	6.7
		05-04-93	8.0	—	—	288	6.3
		05-13-93	9.5	—	—	309	6.6
		05-18-93	10.0	—	—	283	6.6
13S 21E 09BAB1	421857114000801	03-23-93	7.0	—	—	134	6.8
		04-01-93	8.0	—	—	117	6.5
		04-06-93	8.0	—	—	109	6.8
		04-21-93	8.5	—	—	208	6.7
		04-28-93	9.5	—	—	174	6.6
		05-04-93	9.5	—	—	165	6.2

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
COTTONWOOD SITE 2	05-18-94	25	—	—	—	—	—	—	—	—	—
(INJECTION)	04-05-95	34	—	—	—	—	—	—	—	—	—
	04-12-95	29	—	—	—	—	—	—	—	—	—
	04-18-95	28	—	—	—	—	—	—	—	—	—
	05-03-95	24	—	—	—	—	—	—	—	—	—
	05-08-95	23	—	—	—	—	—	—	—	—	—
	05-15-95	25	—	—	—	—	—	—	—	—	—
	05-22-95	23	—	—	—	—	—	—	—	—	—
	04-09-96	37	—	—	—	—	—	—	—	—	—
	04-18-96	43	—	—	—	—	—	—	—	—	—
	04-24-96	39	—	—	—	—	—	—	—	—	—
	05-01-96	33	—	—	—	—	—	—	—	—	—
	05-08-96	32	—	—	—	—	—	—	—	—	—
	05-13-96	28	—	—	—	—	—	—	—	—	—
	05-21-96	31	—	—	—	—	—	—	—	—	—
	05-29-96	34	—	—	—	—	—	—	—	—	—
	03-25-97	48	—	—	—	—	—	—	—	—	—
	03-31-97	44	—	—	—	—	—	—	—	—	—
	04-21-97	37	—	—	—	—	—	—	—	—	—
	04-28-97	35	—	—	—	—	—	—	—	—	—
	05-05-97	43	—	—	—	—	—	—	—	—	—
	05-13-97	39	—	—	—	—	—	—	—	—	—
	05-20-97	42	—	—	—	—	—	—	—	—	—
COTTONWOOD CREEK	04-01-93	33	—	—	—	—	—	—	—	—	—
AT BIG CEDAR	04-07-93	—	—	—	—	—	—	—	—	—	—
	04-29-93	51	—	—	—	—	—	—	—	—	—
13S 21E 09CBB1	03-23-93	103	—	—	—	—	—	—	—	—	—
	04-01-93	105	—	—	—	—	—	—	—	—	—
	04-16-93	107	—	—	—	—	—	—	—	—	—
	04-21-93	102	—	—	—	—	—	—	—	—	—
	04-28-93	104	—	—	—	—	—	—	—	—	—
	05-04-93	116	—	—	—	—	—	—	—	—	—
	05-13-93	132	—	—	—	—	—	—	—	—	—
	05-18-93	117	—	—	—	—	—	—	—	—	—
13S 21E 09BAB1	03-23-93	51	—	—	—	—	—	—	—	—	—
	04-01-93	42	—	—	—	—	—	—	—	—	—
	04-06-93	44	—	—	—	—	—	—	—	—	—
	04-21-93	85	—	—	—	—	—	—	—	—	—
	04-28-93	62	—	—	—	—	—	—	—	—	—
	05-04-93	55	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
COTTONWOOD SITE 2 (INJECTION)	05-18-94	—	—	—	—	—	—	—	—	—
	04-05-95	—	—	—	—	—	—	—	—	—
	04-12-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	05-03-95	—	—	—	—	—	—	—	—	—
	05-08-95	—	—	—	—	—	—	—	—	—
	05-15-95	—	—	—	—	—	—	—	—	—
	05-22-95	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—
	05-13-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	03-25-97	—	—	—	—	—	—	—	—	—
	03-31-97	—	—	—	—	—	—	—	—	—
	04-21-97	—	—	—	—	—	—	—	—	—
	04-28-97	—	—	—	—	—	—	—	—	—
	05-05-97	—	—	—	—	—	—	—	—	—
	05-13-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—
COTTONWOOD CREEK AT BIG CEDAR	04-01-93	—	—	—	—	—	—	—	—	—
	04-07-93	—	—	—	—	—	—	—	—	—
	04-29-93	—	—	—	—	—	—	—	—	—
13S 21E 09CBB1	03-23-93	—	—	—	—	—	—	—	—	—
	04-01-93	—	—	—	—	—	—	—	—	—
	04-16-93	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—
	04-28-93	—	—	—	—	—	—	—	—	—
	05-04-93	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—
13S 21E 09BAB1	03-23-93	—	—	—	—	—	—	—	—	—
	04-01-93	—	—	—	—	—	—	—	—	—
	04-06-93	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—
	04-28-93	—	—	—	—	—	—	—	—	—
	05-04-93	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
COTTONWOOD SITE 2	05-18-94	—	78	K220	—	—	—	—	—	—
(INJECTION)	04-05-95	—	K7	82	—	—	—	—	—	—
	04-12-95	—	K14	60	—	—	—	—	—	—
	04-18-95	—	K27	140	—	—	—	—	—	—
	05-03-95	—	K500	85	—	—	—	—	—	—
	05-08-95	—	K10	K27	—	—	—	—	—	—
	05-15-95	—	K50	K43	—	—	—	—	—	—
	05-22-95	—	160	150	—	—	—	—	—	—
	04-09-96	—	K27	K140	—	—	—	—	—	—
	04-18-96	—	K7	K33	—	—	—	—	—	—
	04-24-96	—	K20	310	—	—	—	—	—	—
	05-01-96	—	260	K87	—	—	—	—	—	—
	05-08-96	—	330	210	—	—	—	—	—	—
	05-13-96	—	K630	180	—	—	—	—	—	—
	05-21-96	—	K37	K210	—	—	—	—	—	—
	05-29-96	—	220	K110	—	—	—	—	—	—
	03-25-97	—	K17	K53	—	—	—	—	—	—
	03-31-97	—	K23	K600	—	—	—	—	—	—
	04-21-97	—	K13	K27	—	—	—	—	—	—
	04-28-97	—	K350	K65	—	—	—	—	—	—
	05-05-97	—	K310	K57	—	—	—	—	—	—
	05-13-97	—	K53	K210	—	—	—	—	—	—
	05-20-97	—	K60	K88	—	—	—	—	—	—
COTTONWOOD CREEK	04-01-93	—	33	62	—	—	—	—	—	—
AT BIG CEDAR	04-07-93	—	—	—	—	—	—	—	—	—
	04-29-93	—	>2000	630	—	—	—	—	—	—
13S 21E 09CBB1	03-23-93	—	<1	<1	—	—	—	4640	40.00	—
	04-01-93	—	<1	<1	—	—	—	4640	40.00	4.55
	04-16-93	—	<1	<1	—	—	—	4640	40.00	4.85
	04-21-93	—	<1	<1	—	—	—	4640	40.00	5.63
	04-28-93	—	<1	<1	—	—	—	4640	40.00	3.77
	05-04-93	—	43	53	—	—	—	4640	40.00	0.25
	05-13-93	—	<1	<1	—	—	—	4640	40.00	1.37
	05-18-93	—	<1	K1	—	—	—	4640	40.00	1.68
12S 21E 09BAB1	03-23-93	—	K4	K1	—	—	—	4595	—	—
	04-01-93	—	<1	<1	—	—	—	4595	—	—
	04-06-93	—	K3	K1	—	—	—	4595	—	—
	04-21-93	—	<1	<1	—	—	—	4595	—	—
	04-28-93	—	K7	K4	—	—	—	4595	—	—
	05-04-93	—	K3	K3	—	—	—	4595	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
13S 21E 09BAB1	421857114000801	05-12-93	10.5	—	—	195	6.8
		05-18-93	12.5	—	—	179	6.3
13S 21E 04CCC1	421859114002501	02-22-95	8.0	—	—	233	7.8
		03-14-95	8.0	—	—	237	7.7
		05-08-95	9.5	—	—	233	7.7
		05-15-95	9.0	—	—	239	7.7
		05-22-95	11.0	—	—	244	7.6
		01-31-96	6.0	—	—	233	7.7
		03-11-96	6.0	—	—	239	7.2
		03-20-96	7.5	—	—	235	7.1
		03-26-96	7.5	—	—	232	7.4
		04-02-96	7.0	—	—	240	7.6
		04-09-96	8.0	—	—	241	7.2
		04-18-96	8.5	—	—	245	7.3
		04-24-96	8.5	—	—	248	7.2
		05-01-96	9.0	—	—	256	6.9
		05-07-96	9.5	—	—	264	7.0
		05-21-96	11.0	—	—	257	7.3
		05-29-96	11.0	—	—	263	7.1
		01-28-97	5.5	—	—	240	7.1
		03-19-97	6.5	—	—	231	7.7
		03-25-97	7.0	—	—	226	7.1
		03-31-97	7.5	—	—	239	7.6
		04-09-97	8.0	—	—	244	7.5
		04-16-97	8.5	—	—	243	7.5
		04-21-97	8.5	—	—	245	7.7
		04-28-97	9.0	—	—	248	7.6
		05-06-97	9.5	—	—	240	7.8
		05-13-97	10.5	—	—	257	7.8
		05-20-97	12.0	—	—	263	7.6
12S 21E 31DAB1	422011114015801	04-06-93	7.0	—	—	302	7.7
		04-20-93	8.0	—	—	316	7.5
		04-29-93	9.0	—	—	306	8.0
		05-04-93	9.5	—	—	302	8.0
		05-12-93	11.5	—	—	312	7.8
		05-18-93	13.5	—	—	308	7.4
		05-24-93	16.0	—	—	306	7.4
		03-10-94	5.0	—	—	308	7.8
		04-27-94	10.0	—	—	304	7.8
		05-03-94	10.0	—	—	304	7.6

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
13S 21E 09BAB1	05-12-93	61	—	—	—	—	—	—	—	—	—
	05-18-93	63	—	—	—	—	—	—	—	—	—
13S 21E 04CCC1	02-22-95	75	—	—	—	—	—	—	—	—	—
	03-14-95	75	—	—	—	—	—	—	—	—	—
	05-08-95	77	—	—	—	—	—	—	—	—	—
	05-15-95	78	—	—	—	—	—	—	—	—	—
	05-22-95	79	—	—	—	—	—	—	—	—	—
	01-31-96	72	—	—	—	—	—	—	—	—	—
	03-11-96	76	—	—	—	—	—	—	—	—	—
	03-20-96	76	—	—	—	—	—	—	—	—	—
	03-26-96	77	—	—	—	—	—	—	—	—	—
	04-02-96	78	—	—	—	—	—	—	—	—	—
	04-09-96	77	—	—	—	—	—	—	—	—	—
	04-18-96	81	—	—	—	—	—	—	—	—	—
	04-24-96	83	—	—	—	—	—	—	—	—	—
	05-01-96	86	—	—	—	—	—	—	—	—	—
	05-07-96	90	—	—	—	—	—	—	—	—	—
	05-21-96	90	—	—	—	—	—	—	—	—	—
	05-29-96	92	—	—	—	—	—	—	—	—	—
	01-28-97	73	—	—	—	—	—	—	—	—	—
	03-19-97	76	—	—	—	—	—	—	—	—	—
	03-25-97	78	—	—	—	—	—	—	—	—	—
	03-31-97	78	—	—	—	—	—	—	—	—	—
	04-09-97	80	—	—	—	—	—	—	—	—	—
	04-16-97	76	—	—	—	—	—	—	—	—	—
	04-21-97	82	—	—	—	—	—	—	—	—	—
	04-28-97	81	—	—	—	—	—	—	—	—	—
	05-06-97	85	—	—	—	—	—	—	—	—	—
	05-13-97	88	—	—	—	—	—	—	—	—	—
	05-20-97	91	—	—	—	—	—	—	—	—	—
12S 21E 31DAB1	04-06-93	121	—	—	—	—	—	—	—	—	—
	04-20-93	119	—	—	—	—	—	—	—	—	—
	04-29-93	120	—	—	—	—	—	—	—	—	—
	05-04-93	120	—	—	—	—	—	—	—	—	—
	05-12-93	118	—	—	—	—	—	—	—	—	—
	05-18-93	118	—	—	—	—	—	—	—	—	—
	05-24-93	118	—	—	—	—	—	—	—	—	—
	03-10-94	130	0.020	<0.010	—	<0.20	—	0.130	—	<0.010	130
	04-27-94	120	—	—	—	—	—	—	—	—	—
	05-03-94	119	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
13S 21E 09BAB1	05-12-93	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—
13S 21E 04CCC1	02-22-95	—	—	—	—	—	—	—	—	—
	03-14-95	—	—	—	—	—	—	—	—	—
	05-08-95	—	—	—	—	—	—	—	—	—
	05-15-95	—	—	—	—	—	—	—	—	—
	05-22-95	—	—	—	—	—	—	—	—	—
	01-31-96	—	—	—	—	—	—	—	—	—
	03-11-96	—	—	—	—	—	—	—	—	—
	03-20-96	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	01-28-97	—	—	—	—	—	—	—	—	—
	03-19-97	—	—	—	—	—	—	—	—	—
	03-25-97	—	—	—	—	—	—	—	—	—
	03-31-97	—	—	—	—	—	—	—	—	—
	04-09-97	—	—	—	—	—	—	—	—	—
	04-16-97	—	—	—	—	—	—	—	—	—
	04-21-97	—	—	—	—	—	—	—	—	—
	04-28-97	—	—	—	—	—	—	—	—	—
	05-06-97	—	—	—	—	—	—	—	—	—
	05-13-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—
12S 21E 31DAB1	04-06-93	—	—	—	—	—	—	—	—	—
	04-20-93	—	—	—	—	—	—	—	—	—
	04-29-93	—	—	—	—	—	—	—	—	—
	05-04-93	—	—	—	—	—	—	—	—	—
	05-12-93	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—
	05-24-93	—	—	—	—	—	—	—	—	—
	03-10-94	40	6.7	8.0	0.3	12	4.0	12	18	0.20
	04-27-94	—	—	—	—	—	—	—	—	—
	05-03-94	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
13S 21E 09BAB1	05-12-93	—	K23	K29	—	—	—	4595	—	—
	05-18-93	—	K3	K3	—	—	—	4595	—	—
13S 21E 04CCC1	02-22-95	—	<1	K1	—	—	—	4604	1800	—
	03-14-95	—	<1	K1	—	—	—	4604	1800	—
	05-08-95	—	<1	<1	—	—	—	4604	1800	—
	05-15-95	—	<1	K47	—	—	—	4604	1800	—
	05-22-95	—	<1	<1	—	—	—	4604	1800	—
	01-31-96	—	<1	<1	—	—	—	4604	1800	—
	03-11-96	—	<1	<1	—	—	—	4604	1800	—
	03-20-96	—	<1	<1	—	—	—	4604	1800	—
	03-26-96	—	<1	<1	—	—	—	4604	1800	—
	04-02-96	—	<1	K1	—	—	—	4604	1800	—
	04-09-96	—	<1	<1	—	—	—	4604	1800	—
	04-18-96	—	K3	<1	—	—	—	4604	1800	—
	04-24-96	—	<1	<1	—	—	—	4604	1800	—
	05-01-96	—	<1	K1	—	—	—	4604	1800	—
	05-07-96	—	<1	<1	—	—	—	4604	1800	—
	05-21-96	—	<1	K3	—	—	—	4604	1800	—
	05-29-96	—	<1	K2	—	—	—	4604	1800	—
	01-28-97	—	<1	K1	—	—	—	4604	1800	—
	03-19-97	—	<1	<1	—	—	—	4604	1800	—
	03-25-97	—	<1	K1	—	—	—	4604	1800	—
	03-31-97	—	<1	<1	—	—	—	4604	1800	—
	04-09-97	—	<1	<1	—	—	—	4604	1800	—
	04-16-97	—	<1	<1	—	—	—	4604	1800	—
	04-21-97	—	<1	<1	—	—	—	4604	1800	—
	04-28-97	—	<1	K1	—	—	—	4604	1800	—
	05-06-97	—	<1	<1	—	—	—	4604	1800	—
	05-13-97	—	<1	<1	—	—	—	4604	1800	—
	05-20-97	—	<1	<1	—	—	—	4604	1800	—
12S 21E 31DAB1	04-06-93	—	<1	<1	—	—	—	4510	320.00	—
	04-20-93	—	<1	<1	—	—	—	4510	320.00	—
	04-29-93	—	<1	<1	—	—	—	4510	320.00	—
	05-04-93	—	<1	<1	—	—	—	4510	320.00	—
	05-12-93	—	<1	<1	—	—	—	4510	320.00	—
	05-18-93	—	<1	<1	—	—	—	4510	320.00	—
	05-24-93	—	<1	<1	—	—	—	4510	320.00	—
	03-10-94	21	<1	<1	188	0.26	0.03	4510	320.00	—
	04-27-94	—	<1	<1	—	—	—	4510	320.00	—
	05-03-94	—	<1	<1	—	—	—	4510	320.00	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
12S 21E 31DAB1	422011114015801	05-11-94	13.5	—	—	308	7.6
		05-18-94	12.5	—	—	302	7.6
		05-25-94	13.5	—	—	314	7.7
		02-09-95	12.5	—	—	302	7.7
		04-05-95	8.0	—	—	307	7.8
		04-11-95	8.5	—	—	307	7.8
		04-18-95	8.0	—	—	306	7.8
		04-27-95	9.0	—	—	309	7.8
		05-03-95	9.0	—	—	305	7.7
		05-08-95	9.5	—	—	303	7.7
		05-15-95	10.0	—	—	308	7.7
		05-22-95	12.0	—	—	310	7.7
		01-31-96	3.0	—	—	307	7.6
		04-02-96	6.0	—	—	307	7.6
		04-09-96	7.5	—	—	306	7.6
		04-18-96	8.0	—	—	305	7.6
		04-24-96	8.0	—	—	306	7.4
		05-01-96	9.0	—	—	307	7.3
		05-07-96	10.0	—	—	312	7.4
		05-21-96	11.5	—	—	308	7.4
		05-29-96	10.5	—	—	311	7.5
		01-28-97	3.0	—	—	315	7.4
		03-25-97	7.0	—	—	304	7.4
		03-31-97	7.0	—	—	307	7.6
		04-09-97	6.0	—	—	312	7.9
		04-16-97	7.5	—	—	312	7.7
		04-21-97	8.5	—	—	298	8.4
		04-28-97	8.5	—	—	298	7.8
		05-06-97	9.0	—	—	306	8.0
		05-13-97	12.5	—	—	314	7.9
		05-20-97	12.0	—	—	315	7.9

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	HARD-NESS TOTAL (MG/L AS CACO3)
12S 21E 31DAB1	05-11-94	117	—	—	—	—	—	—	—	—	—
	05-18-94	118	—	—	—	—	—	—	—	—	—
	05-25-94	118	—	—	—	—	—	—	—	—	—
	02-09-95	118	—	—	—	—	—	—	—	—	—
	04-05-95	118	—	—	—	—	—	—	—	—	—
	04-11-95	118	—	—	—	—	—	—	—	—	—
	04-18-95	118	—	—	—	—	—	—	—	—	—
	04-27-95	117	—	—	—	—	—	—	—	—	—
	05-03-95	118	—	—	—	—	—	—	—	—	—
	05-08-95	118	—	—	—	—	—	—	—	—	—
	05-15-95	118	—	—	—	—	—	—	—	—	—
	05-22-95	117	—	—	—	—	—	—	—	—	—
	01-31-96	104	—	—	—	—	—	—	—	—	—
	04-02-96	119	—	—	—	—	—	—	—	—	—
	04-09-96	116	—	—	—	—	—	—	—	—	—
	04-18-96	118	—	—	—	—	—	—	—	—	—
	04-24-96	117	—	—	—	—	—	—	—	—	—
	05-01-96	116	—	—	—	—	—	—	—	—	—
	05-07-96	116	—	—	—	—	—	—	—	—	—
	05-21-96	119	—	—	—	—	—	—	—	—	—
	05-29-96	119	—	—	—	—	—	—	—	—	—
	01-28-97	118	—	—	—	—	—	—	—	—	—
	03-25-97	120	—	—	—	—	—	—	—	—	—
	03-31-97	119	—	—	—	—	—	—	—	—	—
	04-09-97	119	—	—	—	—	—	—	—	—	—
	04-16-97	112	—	—	—	—	—	—	—	—	—
	04-21-97	121	—	—	—	—	—	—	—	—	—
	04-28-97	120	—	—	—	—	—	—	—	—	—
	05-06-97	120	—	—	—	—	—	—	—	—	—
	05-13-97	118	—	—	—	—	—	—	—	—	—
	05-20-97	121	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Cottonwood Creek area, 1993 through June 1997—Continued

SITES 1 and 2

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM-ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
12S 21E 31DAB1	05-11-94	—	—	—	—	—	—	—	—	—
	05-18-94	—	—	—	—	—	—	—	—	—
	05-25-94	—	—	—	—	—	—	—	—	—
	02-09-95	—	—	—	—	—	—	—	—	—
	04-05-95	—	—	—	—	—	—	—	—	—
	04-11-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	04-27-95	—	—	—	—	—	—	—	—	—
	05-03-95	—	—	—	—	—	—	—	—	—
	05-08-95	—	—	—	—	—	—	—	—	—
	05-15-95	—	—	—	—	—	—	—	—	—
	05-22-95	—	—	—	—	—	—	—	—	—
	01-31-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	01-28-97	—	—	—	—	—	—	—	—	—
	03-25-97	—	—	—	—	—	—	—	—	—
	03-31-97	—	—	—	—	—	—	—	—	—
	04-09-97	—	—	—	—	—	—	—	—	—
	04-16-97	—	—	—	—	—	—	—	—	—
	04-21-97	—	—	—	—	—	—	—	—	—
	04-28-97	—	—	—	—	—	—	—	—	—
	05-06-97	—	—	—	—	—	—	—	—	—
	05-13-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	SILICA, DISSOLVED (MG/L AS SIO2)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 21E 31DAB1	05-11-94	—	<1	<1	—	—	—	4510	320.00	—
	05-18-94	—	<1	<1	—	—	—	4510	320.00	—
	05-25-94	—	<1	<1	—	—	—	4510	320.00	—
	02-09-95	—	<1	<1	—	—	—	4510	320.00	—
	04-05-95	—	<1	<1	—	—	—	4510	320.00	—
	04-11-95	—	<1	<1	—	—	—	4510	320.00	—
	04-18-95	—	<1	<1	—	—	—	4510	320.00	—
	04-27-95	—	<1	<1	—	—	—	4510	320.00	—
	05-03-95	—	<1	<1	—	—	—	4510	320.00	—
	05-08-95	—	<1	<1	—	—	—	4510	320.00	—
	05-15-95	—	<1	<1	—	—	—	4510	320.00	—
	05-22-95	—	<1	<1	—	—	—	4510	320.00	—
	01-31-96	—	<1	K5	—	—	—	4510	320.00	—
	04-02-96	—	<1	K1	—	—	—	4510	320.00	—
	04-09-96	—	<1	<1	—	—	—	4510	320.00	—
	04-18-96	—	<1	K27	—	—	—	4510	320.00	—
	04-24-96	—	<1	K14	—	—	—	4510	320.00	—
	05-01-96	—	<1	K1	—	—	—	4510	320.00	—
	05-07-96	—	<1	K1	—	—	—	4510	320.00	—
	05-21-96	—	<1	<1	—	—	—	4510	320.00	—
	05-29-96	—	<1	K1	—	—	—	4510	320.00	—
	01-28-97	—	<1	<1	—	—	—	4510	320.00	—
	03-25-97	—	<1	<1	—	—	—	4510	320.00	—
	03-31-97	—	<1	<1	—	—	—	4510	320.00	—
	04-09-97	—	<1	<1	—	—	—	4510	320.00	—
	04-16-97	—	<1	<1	—	—	—	4510	320.00	—
	04-21-97	—	<1	K1	—	—	—	4510	320.00	—
	04-28-97	—	<1	<1	—	—	—	4510	320.00	—
	05-06-97	—	<1	<1	—	—	—	4510	320.00	—
	05-13-97	—	<1	<1	—	—	—	4510	320.00	—
	05-20-97	—	<1	<1	—	—	—	4510	320.00	—

Table 3. Mean daily flow for gaging station 13088510, Cottonwood Creek near Oakley, October 1993 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year; WTR YR, water year]

	October 1993–September 1994											
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	.94	1.9	.98	1.3	e1.2	1.8	3.2	20	11	1.5	.65	.06
2	.97	1.8	1.0	1.3	e1.2	2.0	3.2	20	10	1.4	.66	.05
3	1.0	1.9	1.0	1.3	e1.2	2.3	3.6	21	9.7	1.5	.54	.05
4	1.1	1.9	1.1	1.4	e1.2	2.5	3.7	23	9.2	1.4	.39	.06
5	1.0	1.7	1.2	1.5	e1.2	2.7	3.6	30	8.7	1.4	.29	.06
6	1.4	1.4	1.2	1.4	e1.3	2.5	3.5	32	8.2	1.7	.21	.05
7	1.7	1.5	1.2	1.1	e1.2	2.3	3.6	33	8.6	1.7	.18	.04
8	2.1	1.5	1.2	1.5	e1.2	2.3	3.2	33	8.3	1.3	.16	.03
9	2.1	1.4	1.3	1.5	e1.2	2.2	3.4	32	7.3	1.1	.14	.03
10	1.9	1.7	1.3	1.5	e1.4	2.4	3.4	33	6.7	.92	.13	.04
11	1.7	1.6	1.3	1.5	e1.2	2.2	3.7	32	6.2	.80	.18	.04
12	1.8	1.7	1.4	1.4	e1.1	2.1	3.9	32	5.9	.75	.40	.04
13	e1.6	1.5	1.0	e1.4	e1.2	2.0	4.8	30	5.5	.70	.31	.04
14	e1.9	1.7	1.3	e1.3	e1.3	2.1	5.2	28	5.4	.66	.24	.04
15	1.9	1.3	e1.2	e1.3	1.5	2.5	5.4	26	5.3	.63	.21	.04
16	2.0	1.4	e1.3	e1.3	1.4	2.8	6.1	26	5.3	.58	.17	.04
17	1.8	1.5	e1.3	e1.4	1.5	2.9	8.1	27	5.1	.48	.14	.04
18	1.7	1.5	e1.3	e1.3	1.6	3.0	11	25	4.6	.44	.11	.03
19	1.6	1.2	e1.2	e1.2	1.5	3.1	14	22	4.2	.41	.09	.01
20	1.6	1.2	e.90	e1.2	1.3	2.6	19	21	3.8	.39	.09	.01
21	1.5	1.3	e1.0	e1.4	e1.3	3.0	21	19	3.5	.36	.08	.01
22	1.5	1.5	e1.1	e1.4	e1.2	2.8	24	17	3.5	.32	.08	.01
23	1.5	e1.2	e1.1	e1.4	e1.2	2.3	25	16	3.2	.32	.09	.01
24	1.5	e1.0	e1.2	e1.3	1.6	2.4	26	15	2.9	.45	.08	.01
25	1.5	e1.0	e1.1	e1.3	1.9	2.4	24	14	2.7	.43	.08	.01
26	1.7	e1.0	e1.2	e1.4	2.1	2.3	22	13	2.5	.36	.07	.00
27	1.7	e1.0	e1.1	1.5	2.4	2.2	21	14	2.4	.33	.06	.01
28	1.8	e1.1	e1.1	e1.3	2.1	2.3	19	14	2.1	.31	.06	.01
29	2.0	e.90	e1.1	e1.1	—	2.6	18	12	1.8	.34	.06	.03
30	1.9	.98	e1.2	e1.3	—	2.8	18	11	1.6	.35	.06	.07
31	1.8	—	1.3	e.85	—	3.1	—	12	—	.37	.06	—
TOTAL	50.21	42.28	36.18	41.35	39.7	76.5	333.6	703	165.2	23.70	6.07	0.97
MEAN	1.62	1.41	1.17	1.33	1.42	2.47	11.1	22.7	5.51	.76	.20	.032
MAX	2.1	1.9	1.4	1.5	2.4	3.1	26	33	11	1.7	.66	.07
MIN	.94	.90	.90	.85	1.1	1.8	3.2	11	1.6	.31	.06	.00
AC-FT	100	84	72	82	79	152	662	1390	328	47	12	1.9

CAL YR 1993:	TOTAL	195.91	MEAN	1.39	MAX	3.0	MIN	.78	AC-FT	389
WTR YR 1994:	TOTAL	1518.76	MEAN	4.16	MAX	33	MIN	.00	AC-FT	3010

Table 3. Mean daily flow for gaging station 13088510, Cottonwood Creek near Oakley, October 1993 through June 1997—Continued

	October 1994–September 1995											
Day	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**	**July**	**Aug**	**Sept**
1	.00	1.2	1.5	.64	e3.0	3.0	5.8	35	32	14	4.5	1.6
2	.00	1.3	1.5	.65	e3.5	3.0	5.9	41	31	13	4.0	1.5
3	.01	1.3	1.5	.65	e3.5	3.1	5.6	44	34	13	4.1	1.5
4	.04	.99	1.7	.57	e3.5	2.9	6.4	47	31	12	3.8	2.1
5	.15	1.1	1.8	.62	e3.5	2.4	8.3	55	32	11	3.4	2.5
6	.41	1.2	1.8	.54	e3.0	2.1	11	55	33	9.8	3.1	2.1
7	.45	1.3	1.6	.52	e3.0	1.9	14	56	33	10	2.9	1.9
8	.47	1.4	1.3	.47	e3.0	2.5	16	57	44	9.9	2.7	1.8
9	.46	1.2	1.3	.53	e2.5	2.5	15	62	62	9.7	2.8	1.8
10	.46	1.3	1.4	.60	e2.5	2.6	15	67	79	9.5	2.6	1.7
11	.50	1.3	1.4	.56	e2.5	4.7	15	74	80	8.8	2.4	1.6
12	.57	1.3	1.4	.57	e2.5	5.8	14	72	73	8.7	2.4	1.5
13	.63	1.2	1.4	.58	e2.0	5.4	16	67	65	8.3	2.4	1.3
14	.66	1.0	1.5	.67	e2.0	5.4	18	63	56	7.9	2.4	1.2
15	.78	.94	1.5	.70	e2.0	6.2	19	60	49	7.2	1.8	1.2
16	.88	1.2	1.5	.70	e2.0	6.7	19	59	43	6.7	1.8	1.0
17	.86	1.2	1.4	.70	e2.0	6.6	18	58	40	6.4	1.7	.98
18	.95	1.3	1.3	.75	e2.5	7.2	19	58	38	6.3	1.8	1.0
19	.99	1.1	1.3	.75	e2.5	7.5	17	58	37	7.1	1.7	1.1
20	.95	1.1	1.2	.74	e2.5	7.3	17	54	32	8.4	1.7	1.1
21	.98	1.1	1.3	.65	e2.5	11	17	50	30	6.3	1.5	1.2
22	1.0	.96	1.1	.62	e2.5	10	16	50	28	5.7	1.8	1.3
23	1.1	1.0	1.1	.68	e2.5	10	16	52	25	5.4	2.2	1.3
24	1.0	1.2	1.0	.77	2.5	9.2	16	46	22	5.8	2.5	1.3
25	1.0	1.2	1.1	.78	2.9	8.1	17	44	20	4.4	2.4	1.2
26	.99	1.2	1.2	.87	3.1	8.1	19	40	19	3.8	2.3	1.2
27	.98	1.1	1.2	.88	3.2	7.6	22	38	18	3.7	2.1	1.2
28	1.0	1.4	1.2	e1.0	3.0	6.8	26	36	16	3.7	1.8	1.1
29	1.2	1.4	1.1	e2.0	—	6.1	30	35	15	3.6	1.7	1.1
30	1.2	1.4	.71	e2.0	—	5.8	32	33	15	5.3	1.7	1.4
31	1.1	—	.65	e2.0	—	6.0	—	33	—	4.7	1.7	—
TOTAL	21.77	35.89	40.96	24.76	75.7	177.5	486.0	1599	1132	240.1	75.7	42.78
MEAN	.70	1.20	1.32	.80	2.70	5.73	16.2	51.6	37.7	7.75	2.44	1.43
MAX	1.2	1.4	1.8	2.0	3.5	11	32	74	80	14	4.5	2.5
MIN	.00	.94	.65	.47	2.0	1.9	5.6	33	15	3.6	1.5	.98
AC-FT	43	71	81	49	150	352	964	3170	2250	476	150	85

CAL YR 1994:	TOTAL	1488.71	MEAN	4.08	MAX	33	MIN	.00	AC-FT	2950
WTR YR 1995:	TOTAL	3952.16	MEAN	10.8	MAX	80	MIN	.00	AC-FT	7840

Table 3. Mean daily flow for gaging station 13088510, Cottonwood Creek near Oakley, October 1993 through June 1997—Continued

	October 1995–September 1996											
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	1.3	2.0	3.1	e9.0	e2.0	3.6	8.3	95	63	15	3.6	1.1
2	1.2	1.6	3.5	e7.0	e2.0	3.6	9.7	110	60	15	3.3	1.1
3	1.3	1.3	3.0	e4.5	e2.5	3.4	9.8	124	58	14	3.1	1.2
4	1.6	1.4	4.9	e4.5	e2.5	5.0	10	92	58	12	3.2	1.0
5	1.6	1.8	5.3	e4.5	2.6	4.5	11	75	53	11	3.0	1.0
6	1.6	1.8	e6.0	e4.0	2.8	3.8	12	73	50	9.9	2.7	1.3
7	1.5	1.8	e5.5	e3.5	3.1	3.8	15	72	47	9.2	2.5	1.3
8	1.6	2.0	e4.5	e3.5	3.1	3.5	26	70	48	7.8	2.2	1.1
9	1.6	3.0	e5.0	e4.0	3.2	3.7	45	69	48	7.1	1.9	1.0
10	1.6	2.8	e6.5	e5.0	3.3	4.7	70	66	48	6.8	1.8	.91
11	1.5	2.5	e8.0	e5.0	3.1	5.9	71	68	45	6.6	1.6	1.2
12	1.6	4.2	e10	e4.5	3.1	7.3	65	75	47	6.3	1.5	1.5
13	1.6	4.5	e11	e4.5	3.2	7.3	63	82	49	6.1	1.5	1.2
14	1.6	3.3	e10	e4.5	3.3	7.3	67	87	42	5.6	1.6	1.3
15	1.6	2.9	e9.0	e4.0	3.5	8.2	66	90	38	5.7	1.7	1.5
16	1.5	2.6	e8.0	e4.5	3.9	9.3	67	106	31	5.9	1.6	2.3
17	1.6	2.5	e7.0	e4.5	4.4	10	69	112	32	5.7	1.6	2.1
18	1.6	2.4	e6.0	e4.5	5.1	9.6	65	106	30	5.3	1.7	2.0
19	1.6	2.3	e5.5	e4.5	5.4	9.6	63	99	40	5.0	1.7	2.0
20	1.7	2.3	e5.0	e4.0	5.4	9.6	57	92	27	4.6	1.5	1.9
21	1.6	2.2	e5.0	e4.0	4.7	10	58	83	24	4.4	1.5	1.7
22	1.7	2.2	e4.5	e4.0	5.1	13	42	81	27	4.0	1.5	1.7
23	1.8	2.2	e4.0	e4.0	4.0	13	40	72	22	3.9	1.3	1.8
24	1.9	2.2	e3.5	e3.5	4.6	12	45	67	22	3.8	1.2	1.7
25	1.9	2.2	e3.0	e3.0	4.2	9.5	54	62	18	3.9	1.1	1.5
26	1.9	2.5	e2.5	e3.0	3.6	8.9	66	59	17	3.8	1.1	1.4
27	2.0	2.4	e2.5	e3.0	4.1	8.9	82	60	22	3.6	1.0	1.5
28	1.9	2.4	e4.0	e2.5	4.3	8.5	82	60	21	3.5	1.2	1.4
29	1.9	3.0	e6.0	e3.0	4.0	7.8	78	62	16	3.9	1.3	1.3
30	2.0	2.9	e9.0	e3.0	—	7.4	79	64	14	3.7	1.2	1.2
31	2.1	—	e12	e2.5	—	7.5	—	64	—	3.6	1.1	—
TOTAL	51.5	73.2	182.8	129.5	106.1	230.2	1495.8	2497	1117	206.7	56.8	43.21
MEAN	1.66	2.44	5.90	4.18	3.66	7.43	49.9	80.5	37.2	6.67	1.83	1.44
MAX	2.1	4.5	12	9.0	5.4	13	82	124	63	15	3.6	2.3
MIN	1.2	1.3	2.5	2.5	2.0	3.4	8.3	59	14	3.5	1.0	.91
AC-FT	102	145	363	257	210	457	2970	4950	2220	410	113	86

CAL YR 1995:	TOTAL	4161.04	MEAN	11.4	MAX	80	MIN	.47	AC-FT	8250
WTR YR 1996:	TOTAL	6189.81	MEAN	16.9	MAX	124	MIN	.91	AC-FT	12280

Table 3. Mean daily flow for gaging station 13088510, Cottonwood Creek near Oakley, October 1993 through June 1997—Continued

	October 1996–June 1997								
Day	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	1.2	1.8	1.5	4.5	3.5	2.0	13	77	39
2	1.2	1.6	1.0	6.6	3.1	2.5	12	69	38
3	1.1	1.7	.92	6.8	3.0	2.1	11	64	35
4	1.1	2.1	.84	4.2	2.9	2.0	11	66	34
5	1.0	3.1	1.6	4.7	2.4	1.9	11	81	35
6	1.1	3.6	1.5	2.6	1.6	2.3	9.9	112	32
7	1.1	4.4	1.3	4.5	1.9	2.2	9.7	137	29
8	1.0	5.2	1.6	5.0	2.4	2.1	9.5	147	30
9	1.0	5.4	2.0	4.2	2.4	2.0	9.1	155	26
10	.97	5.3	2.2	3.8	2.7	2.1	8.8	169	27
11	.95	5.4	2.2	3.6	2.7	2.5	8.8	209	25
12	.91	5.4	2.3	1.5	2.6	2.8	8.6	180	25
13	.91	5.7	2.1	1.8	2.2	2.9	8.5	172	25
14	.98	5.7	1.5	3.3	2.7	3.2	9.1	183	24
15	1.0	3.8	.86	3.3	2.6	3.1	9.6	164	21
16	1.0	3.2	2.0	3.0	2.5	3.2	12	153	20
17	.93	3.2	1.0	3.1	2.6	3.9	17	151	19
18	.90	5.1	.55	3.1	2.6	4.7	28	159	18
19	.97	3.9	1.2	2.9	2.5	6.0	36	144	18
20	1.0	2.9	1.4	2.8	2.3	8.5	55	129	17
21	.89	2.1	1.4	2.7	2.0	11	58	109	16
22	.90	2.1	1.4	2.7	2.0	13	59	94	15
23	1.1	2.6	1.4	2.5	2.3	13	77	83	16
24	1.4	1.8	1.4	1.9	2.0	14	71	79	15
25	2.4	1.8	1.5	2.9	1.9	13	69	72	15
26	2.0	1.2	2.6	3.5	2.7	14	67	61	14
27	1.7	.82	4.6	3.1	2.5	17	74	52	14
28	1.6	.94	2.9	2.8	2.3	16	88	47	14
29	1.7	1.1	2.8	2.7	—	14	98	46	13
30	1.7	.78	2.9	2.5	—	14	86	42	13
31	1.8	—	2.9	2.7	—	14	—	40	—
TOTAL	37.51	93.74	55.37	105.3	68.9	215.0	1044.6	3446	682
MEAN	1.21	3.12	1.79	3.40	2.46	6.94	34.8	111	22.7
MAX	2.4	5.7	4.6	6.8	3.5	17	98	209	39
MIN	.89	.78	.55	1.5	1.6	1.9	8.5	40	13
AC-FT	74	186	110	209	137	426	2070	6840	1350

CAL YR 1996:	TOTAL	6068.93	MEAN	16.6	MAX	124	MIN	.55	AC-FT 12040
WTR YR 1997 to date:	TOTAL	5748.42	MEAN	19.1	MAX	209	MIN	.55	AC-FT 11402

Table 4. Mean daily rates of injection for gaging station 13088512, Cottonwood Creek injection site 1 near Oakley, 13S-21E-8CDC1, January 1993 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1993											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	.00	.00	.00	.00	—	.00	—	—	—	—
2	—	—	.00	.00	.00	.00	—	.00	—	—	—	—
3	—	—	.00	.00	.00	.00	—	.00	—	—	—	—
4	—	—	.00	.00	.00	.00	—	.00	—	—	—	—
5	—	—	.00	.00	1.23	.00	—	.00	—	—	—	—
6	—	—	.00	.00	2.85	.00	—	.00	—	—	—	—
7	—	—	.00	.00	4.93	.00	—	.00	—	—	—	—
8	—	—	.00	.00	6.56	.00	—	.00	—	—	—	—
9	—	—	.00	.00	6.43	.00	—	.00	—	—	—	—
10	—	—	.00	.00	6.69	.00	—	.00	—	—	—	—
11	—	—	.00	.00	8.06	.00	—	.00	—	—	—	—
12	—	—	.00	.00	9.06	.00	—	.00	—	—	—	—
13	—	—	.00	.00	8.77	.00	—	.00	—	—	—	—
14	—	—	.00	.00	7.92	.00	—	.00	—	—	—	—
15	—	—	.00	.00	7.36	.00	—	.00	—	—	—	—
16	—	—	.00	.00	5.92	—	—	.00	—	—	—	—
17	—	—	.00	.00	5.55	—	—	.00	—	—	—	—
18	—	—	.00	.00	3.36	—	—	—	—	—	—	—
19	—	—	.00	.00	1.42	—	—	—	—	—	—	—
20	—	—	.00	.00	1.42	—	.00	—	—	—	—	—
21	—	—	.00	.00	1.42	—	.00	—	—	—	—	—
22	—	—	.00	.00	.37	—	.00	—	—	—	—	—
23	—	—	.00	.00	.00	—	.00	—	—	—	—	—
24	—	—	.00	.00	.00	—	.00	—	—	—	—	—
25	—	—	.00	.00	.00	—	.00	—	—	—	—	—
26	—	—	.00	.00	.00	—	.00	—	—	—	—	—
27	—	—	.00	.00	.00	—	.00	—	—	—	—	—
28	—	—	.00	.00	.00	—	.00	—	—	—	—	—
29	—	—	.00	.00	.00	—	.00	—	—	—	—	—
30	—	—	.00	.00	.00	—	.00	—	—	—	—	—
31	—	—	.00	—	.00	—	.00	—	—	—	—	—
TOTAL	—	—	0.00	0.00	89.32	0.00	0.00	0.00	—	—	—	—
MEAN	—	—	.000	.000	2.88	.000	.000	.000	—	—	—	—
MAX	—	—	.00	.00	9.1	.00	.00	.00	—	—	—	—
MIN	—	—	.00	.00	.00	.00	.00	.00	—	—	—	—
AC-FT	—	—	.00	.00	177	.00	.00	.00	—	—	—	—

CAL YR 1993: TOTAL 89.32 MEAN .66 MAX 9.1 MIN .00 AC-FT 177

Table 4. Mean daily rates of injection for gaging station 13088512, Cottonwood Creek injection site 1 near Oakley, 13S-21E-8CDC1, January 1993 through June 1997—Continued

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	—	—	—	—	—	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	—	—	—	—	—
18	—	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—
21	—	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	—	—	—	—	—	—
26	—	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	—	—	—	—	—	—
29	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL	—	—	—	—	—	—	—	—	—	—	—	—
MEAN	—	—	—	—	—	—	—	—	—	—	—	—
MAX	—	—	—	—	—	—	—	—	—	—	—	—
MIN	—	—	—	—	—	—	—	—	—	—	—	—
AC-FT	—	—	—	—	—	—	—	—	—	—	—	—

CAL YR 1994: TOTAL — MEAN — MAX — MIN — AC-FT —

Table 4. Mean daily rates of injection for gaging station 13088512, Cottonwood Creek injection site 1 near Oakley, 13S-21E-8CDC1, January 1993 through June 1997—Continued

	1995											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	.00	2.6	.00	.00	.00	.00	—	—	—	—	—	—
2	.00	e3.0	.00	.00	.00	.00	—	—	—	—	—	—
3	.00	3.2	.00	.00	.00	3.8	—	—	—	—	—	—
4	.00	2.4	.00	.00	.00	6.8	—	—	—	—	—	—
5	.00	.36	.00	.00	.00	5.3	—	—	—	—	—	—
6	.00	.36	.01	.00	2.9	7.0	—	—	—	—	—	—
7	.00	.36	.36	.00	8.2	7.1	—	—	—	—	—	—
8	.00	.07	1.7	.00	8.2	8.4	—	—	—	—	—	—
9	.00	.70	2.0	.00	8.2	11	—	—	—	—	—	—
10	.00	1.8	1.9	.00	8.2	11	—	—	—	—	—	—
11	.00	1.7	2.2	.00	8.2	8.6	—	—	—	—	—	—
12	.00	1.3	2.9	.00	8.2	7.0	—	—	—	—	—	—
13	.00	1.6	2.8	.00	8.2	6.1	—	—	—	—	—	—
14	.00	1.7	2.9	.00	8.2	6.1	—	—	—	—	—	—
15	.00	1.1	2.1	.00	8.2	7.4	—	—	—	—	—	—
16	.00	1.2	1.0	.00	8.4	7.8	—	—	—	—	—	—
17	.00	1.5	1.0	.00	8.7	7.0	—	—	—	—	—	—
18	.00	.56	1.1	.00	8.9	5.5	—	—	—	—	—	—
19	.00	.00	1.0	.00	3.7	4.5	—	—	—	—	—	—
20	.00	.00	1.4	.00	.32	1.1	—	—	—	—	—	—
21	.00	.00	1.8	.00	.30	.00	—	—	—	—	—	—
22	.00	.00	2.3	.00	.30	.00	—	—	—	—	—	—
23	.00	.00	2.8	.00	.30	.00	—	—	—	—	—	—
24	.00	.00	2.8	.00	.22	.00	—	—	—	—	—	—
25	.00	.00	1.2	.00	.19	.00	—	—	—	—	—	—
26	.25	.00	.01	.00	.14	.00	—	—	—	—	—	—
27	1.7	.00	.00	.00	.11	.00	—	—	—	—	—	—
28	1.5	.00	.00	.00	.10	.00	—	—	—	—	—	—
29	1.5	—	.00	.00	.10	.00	—	—	—	—	—	—
30	1.5	—	.00	.00	.07	.00	—	—	—	—	—	—
31	1.8	—	.00	—	.01	—	—	—	—	—	—	—
TOTAL	8.25	25.51	35.28	0.00	108.56	121.50	—	—	—	—	—	—
MEAN	.27	.91	1.14	.000	3.50	4.05	—	—	—	—	—	—
MAX	1.8	3.2	2.9	.00	8.9	11	—	—	—	—	—	—
MIN	.00	.00	.00	.00	.00	.00	—	—	—	—	—	—
AC-FT	16	51	70	.00	215	241	—	—	—	—	—	—

CAL YR 1995: TOTAL 299.10 MEAN 1.65 MAX 11 MIN .00 AC-FT 593

Table 4. Mean daily rates of injection for gaging station 13088512, Cottonwood Creek injection site 1 near Oakley, 13S-21E-8CDC1, January 1993 through June 1997—Continued

	1996											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	.00	.00	e7.9	e6.4	.00	—	—	—	—	—	—
2	—	.00	.00	e8.4	e5.6	.00	—	—	—	—	—	—
3	—	.00	.00	e10.6	e6.6	.00	—	—	—	—	—	—
4	—	.00	.00	e12.3	e6.4	.00	—	—	—	—	—	—
5	—	.00	.00	e13.1	e5.8	.00	—	—	—	—	—	—
6	—	.00	.00	e13.3	e7.1	.00	—	—	—	—	—	—
7	—	.00	.00	e13.3	e6.6	.00	—	—	—	—	—	—
8	—	.00	.00	e13.3	2.7	.00	—	—	—	—	—	—
9	—	.00	.86	e10.6	.00	.00	—	—	—	—	—	—
10	—	.00	2.8	e12.7	.00	.00	—	—	—	—	—	—
11	—	.00	e3.8	e13.3	.00	.00	—	—	—	—	—	—
12	—	.00	5.3	e12.1	.00	.00	—	—	—	—	—	—
13	—	.00	6.4	e10.9	.00	.00	—	—	—	—	—	—
14	—	.00	e6.4	e10.2	.00	.00	—	—	—	—	—	—
15	—	.00	e6.1	e8.9	.00	.00	—	—	—	—	—	—
16	—	.00	e8.4	e9.5	.04	.00	—	—	—	—	—	—
17	—	.00	8.8	e9.6	e5.8	.00	—	—	—	—	—	—
18	—	.00	e6.6	e6.3	e9.8	.00	—	—	—	—	—	—
19	—	.00	e6.3	e5.8	e10.4	.00	—	—	—	—	—	—
20	—	.00	e4.5	e6.7	e10.4	.00	—	—	—	—	—	—
21	—	.00	e4.9	e6.3	e11.1	.00	—	—	—	—	—	—
22	—	.00	e6.1	2.0	e9.8	.00	—	—	—	—	—	—
23	.00	.00	e6.4	.00	e10.7	.00	—	—	—	—	—	—
24	.00	.00	e7.7	.00	e9.6	.00	—	—	—	—	—	—
25	.00	.00	e6.1	2.6	e9.6	.00	—	—	—	—	—	—
26	.00	.00	e3.7	7.2	e8.9	.00	—	—	—	—	—	—
27	.00	.00	e5.3	e11.5	e9.5	.00	—	—	—	—	—	—
28	.00	.00	e6.7	e8.6	e10.6	.00	—	—	—	—	—	—
29	.00	.00	e6.7	e7.1	e9.5	.00	—	—	—	—	—	—
30	.00	—	e7.4	e4.6	e5.3	.00	—	—	—	—	—	—
31	.00	—	e7.1	—	3.0	—	—	—	—	—	—	—
TOTAL	0.00	0.00	134.36	258.70	181.24	0.00	—	—	—	—	—	—
MEAN	.000	.000	4.33	8.62	5.85	.000	—	—	—	—	—	—
MAX	.00	.00	8.8	13	11	.00	—	—	—	—	—	—
MIN	.00	.00	.00	.00	.00	.00	—	—	—	—	—	—
AC-FT	.00	.00	267	513	359	.00	—	—	—	—	—	—

CAL YR 1996: TOTAL 574.30 MEAN 3.59 MAX 13 MIN .00 AC-FT 1140

Table 4. Mean daily rates of injection for gaging station 13088512, Cottonwood Creek injection site 1 near Oakley, 13S-21E-8CDC1, January 1993 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	—	—	.00	7.4	14	.01
2	—	—	.00	7.2	14	.03
3	—	—	.00	5.8	13	.00
4	—	—	.00	5.8	13	.00
5	—	—	.00	6.4	14	.00
6	—	—	.00	6.1	15	.02
7	—	—	.00	5.7	15	.00
8	—	—	.00	5.3	15	.00
9	—	—	.00	4.2	14	.00
10	—	—	.00	3.0	16	.00
11	—	—	.00	.49	16	.00
12	—	—	.00	.00	15	.00
13	—	—	.00	.00	14	.00
14	—	—	.71	.00	14	.00
15	—	—	2.0	.00	13	.00
16	—	—	3.3	.00	12	.00
17	—	—	4.5	.15	13	.00
18	—	—	5.4	.00	12	.00
19	—	—	5.5	.00	11	.00
20	—	—	5.8	.00	10	.00
21	—	—	6.5	2.2	10	.00
22	—	—	7.9	7.2	8.6	.00
23	—	—	8.4	11	7.9	.00
24	—	—	8.5	13	8.1	.00
25	—	—	7.5	13	8.0	.00
26	—	—	3.2	13	7.0	.00
27	—	—	1.3	14	2.5	.00
28	—	—	1.9	14	.00	.00
29	—	—	.49	14	.04	.00
30	—	—	.00	14	.06	.00
31	—	—	3.0	—	.03	—
TOTAL	—	—	75.90	172.94	325.23	0.06
MEAN	—	—	2.45	5.76	10.5	.002
MAX	—	—	8.5	14	16	.03
MIN	—	—	.00	.00	.00	.00
AC-FT	—	—	151	343	645	.1

CAL YR 1997 to date: TOTAL 574.13 MAX 16 MIN .00 AC-FT 1140

Table 5. Mean daily rates of injection for gaging station 13088515, Cottonwood Creek injection site 2 near Oakley, 13S-21E-6AAC1 and 2, January 1993 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1993											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	.00	1.92	5.79	.90	.00	.00	2.3	—	—	—
2	—	—	.00	3.36	5.79	1.74	.00	.00	1.3	—	—	—
3	—	—	.00	3.05	6.04	3.79	.34	.32	1.1	—	—	—
4	—	—	.00	3.05	6.04	2.95	.22	.97	.27	—	—	—
5	—	—	.00	3.25	5.42	1.50	.00	.77	.00	—	—	—
6	—	—	.00	3.25	4.93	2.75	.24	.00	.05	—	—	—
7	—	—	.00	2.95	4.93	4.23	.20	.00	.00	—	—	—
8	—	—	.00	2.46	5.42	4.81	.15	.00	.01	—	—	—
9	—	—	.00	2.75	5.05	3.15	.22	.37	.98	—	—	—
10	—	—	.00	2.85	4.93	1.92	.37	.84	.00	—	—	—
11	—	—	.00	2.65	4.35	1.83	.00	.00	.02	—	—	—
12	—	—	.00	2.46	3.46	1.66	.00	.00	.37	—	—	—
13	—	—	.00	2.27	1.19	1.74	.00	.00	.59	—	—	—
14	—	—	.00	2.37	4.35	.65	.00	.84	.08	—	—	—
15	—	—	.00	2.46	4.81	.19	.45	.42	.00	—	—	—
16	—	—	.00	2.65	3.57	.71	.42	.19	.53	—	—	—
17	—	—	.00	2.18	.42	1.04	.59	.00	.08	—	—	—
18	—	—	.00	3.15	1.19	1.04	.97	.00	1.4	—	—	—
19	—	—	.00	1.58	3.57	.04	.53	.00	.97	—	—	—
20	—	—	.00	3.52	3.79	.08	.53	.00	1.4	—	—	—
21	—	—	.00	2.56	3.57	.00	.77	.32	1.3	—	—	—
22	—	—	.00	2.37	1.50	.21	.47	.23	1.4	—	—	—
23	—	—	.00	3.46	1.66	.34	e.01	.08	1.3	—	—	—
24	—	—	.00	4.35	1.11	.51	.00	.27	1.2	—	—	—
25	—	—	.00	2.65	1.92	.59	.00	.59	.52	—	—	—
26	—	—	.77	4.93	1.66	.01	.00	.08	.00	—	—	—
27	—	—	1.04	4.93	1.19	.47	.00	.00	.00	—	—	—
28	—	—	2.46	4.46	1.04	1.04	.27	.00	.00	—	—	—
29	—	—	2.09	5.05	1.11	.53	.97	.00	.00	—	—	—
30	—	—	1.83	5.05	.19	.24	.59	.53	.00	—	—	—
31	—	—	1.26	—	.42	—	.37	1.3	—	—	—	—
TOTAL	—	—	9.45	93.99	100.41	40.66	8.68	8.12	17.17	—	—	—
MEAN	—	—	.30	3.13	3.24	1.36	.28	.26	.57	—	—	—
MAX	—	—	2.5	5.1	6.0	4.8	.97	1.3	2.3	—	—	—
MIN	—	—	.00	1.6	.19	.00	.00	.00	.00	—	—	—
AC-FT	—	—	19	186	199	81	17	16	34	—	—	—

CAL YR 1993: TOTAL 278.48 MEAN 1.30 MAX 6.0 MIN .00 AC-FT 552

Table 5. Mean daily rates of injection for gaging station 13088515, Cottonwood Creek injection site 2 near Oakley, 13S-21E-6AAC1 and 2, January 1993 through June 1997—Continued

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	.00	.00	5.8	e.48	.00	.83	.39	—	—	—
2	—	—	.00	.00	5.0	e.07	.11	.83	.11	—	—	—
3	—	—	.00	.00	5.6	e.04	.00	.02	.00	—	—	—
4	—	—	.00	.00	5.2	e.24	.00	.02	.00	—	—	—
5	—	—	.00	.48	5.3	e.00	.00	.04	.00	—	—	—
6	—	—	.00	.28	4.4	e.00	.00	.24	.00	—	—	—
7	—	—	.00	.52	2.2	e.09	.00	.04	.00	—	—	—
8	—	—	.00	.15	1.1	e.02	.04	.59	.00	—	—	—
9	—	—	.00	.00	1.8	e.00	.00	.09	.04	—	—	—
10	—	—	.00	.00	1.8	e.00	.00	.20	.04	—	—	—
11	—	—	.00	.20	2.2	e.20	.00	.00	.55	—	—	—
12	—	—	.00	.00	1.2	e.00	.20	.09	.23	—	—	—
13	—	—	.00	.00	2.1	e.11	.09	.00	.04	—	—	—
14	—	—	.00	.00	1.7	.32	.04	.00	.00	—	—	—
15	—	—	.00	.11	1.4	e.24	.11	.02	.11	—	—	—
16	—	—	.00	.00	e.71	e.43	.06	.02	.11	—	—	—
17	—	—	.00	.32	e2.4	e.04	.04	.00	.09	—	—	—
18	—	—	.00	1.5	3.1	e.09	.15	.00	.00	—	—	—
19	—	—	.00	2.0	3.2	e.00	1.0	.00	.00	—	—	—
20	—	—	.00	.71	2.6	e.09	.20	.00	.37	—	—	—
21	—	—	.00	.11	2.6	e.09	1.2	.00	.48	—	—	—
22	—	—	.00	.66	2.4	.00	1.4	.09	.36	—	—	—
23	—	—	.00	.28	e.15	.00	.20	.07	.20	—	—	—
24	—	.00	.00	2.2	e.07	.00	.00	.37	.00	—	—	—
25	—	.00	.00	5.0	e.28	2.0	.02	.00	.24	—	—	—
26	—	.00	.00	5.5	.55	.02	.48	.04	.20	—	—	—
27	—	.00	.00	5.6	e.11	.00	.88	.32	.00	—	—	—
28	—	.00	.00	4.6	e.00	.02	.11	.86	.00	—	—	—
29	—	—	.00	4.8	e.09	.02	.07	.77	.00	—	—	—
30	—	—	.00	5.5	e.00	.00	.24	.20	.00	—	—	—
31	—	—	.00	—	e.20	—	.15	.24	—	—	—	—
TOTAL	—	0.00	0.00	40.52	65.26	4.61	6.79	5.99	3.56	—	—	—
MEAN	—	.000	.000	1.35	2.11	.15	.22	.19	.12	—	—	—
MAX	—	.00	.00	5.6	5.8	2.0	1.4	.86	.55	—	—	—
MIN	—	.00	.00	.00	.00	.00	.00	.00	.00	—	—	—
AC-FT	—	.00	.00	80	129	9.1	13	12	7.1	—	—	—

CAL YR 1994: TOTAL 126.73 MEAN .58 MAX 5.8 MIN .00 AC-FT 251

Table 5. Mean daily rates of injection for gaging station 13088515, Cottonwood Creek injection site 2 near Oakley, 13S-21E-6AAC1 and 2, January 1993 through June 1997—Continued

	1995											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.32	6.4	2.7	.00	1.7	.00	1.3	—	—
2	—	—	—	4.1	6.5	4.4	.00	1.8	.42	1.5	—	—
3	—	—	—	1.7	6.3	5.7	.59	.00	.00	.00	—	—
4	—	—	—	1.1	6.4	5.5	.90	1.2	.00	.00	—	—
5	—	—	—	2.9	6.6	5.2	.00	2.3	.97	.00	—	—
6	—	—	—	3.1	6.0	5.5	1.2	1.9	.97	.00	—	—
7	—	—	—	3.8	5.7	5.7	.47	2.1	1.2	.00	—	—
8	—	—	—	6.3	5.4	6.1	.99	.00	1.2	.00	—	—
9	—	—	—	7.1	5.4	6.1	.85	.65	.77	.00	—	—
10	—	—	—	3.9	5.8	6.1	1.7	.77	.00	.00	—	—
11	—	—	—	.90	5.8	6.1	3.0	.32	1.8	.00	—	—
12	—	—	—	4.4	6.0	6.0	1.9	1.9	.47	.00	—	—
13	—	—	—	4.4	6.1	6.0	.32	2.1	.23	.00	—	—
14	—	—	—	5.3	5.9	6.1	.00	.00	.00	.47	—	—
15	—	—	—	5.3	5.9	6.1	.42	1.0	.00	1.6	—	—
16	—	—	—	4.5	5.5	6.0	1.3	2.0	.00	.42	—	—
17	—	—	—	2.1	5.9	5.2	1.9	1.7	.00	.00	—	—
18	—	—	—	1.8	5.3	2.5	2.1	1.1	.37	.00	—	—
19	—	—	—	.00	2.3	5.5	1.4	.19	2.5	.37	—	—
20	—	—	—	.84	.90	6.5	.77	2.0	1.5	2.7	—	—
21	—	—	—	2.1	2.7	6.4	.00	1.8	.42	2.5	—	—
22	—	—	—	2.2	3.9	6.1	.37	.71	.65	.77	—	—
23	—	—	—	3.5	5.0	6.1	.42	.00	.47	.53	—	—
24	—	—	—	3.3	5.2	5.0	2.9	.00	.23	.84	—	—
25	—	—	—	1.1	5.8	.19	1.3	.23	.42	.71	—	—
26	—	—	—	.00	5.8	.11	1.1	1.8	.00	.00	—	—
27	—	—	—	.59	4.6	3.0	2.4	2.6	.00	.00	—	—
28	—	—	—	.84	5.3	1.6	.19	.71	.00	.00	—	—
29	—	—	—	4.2	4.9	1.4	.90	2.3	.00	.00	—	—
30	—	—	—	6.0	4.3	1.1	2.6	.90	.00	.00	—	—
31	—	—	—	—	3.5	—	2.8	.00	—	.00	—	—
TOTAL	—	—	—	87.69	161.10	140.00	34.79	35.78	14.59	13.71	—	—
MEAN	—	—	—	2.92	5.20	4.67	1.12	1.15	.49	.44	—	—
MAX	—	—	—	7.1	6.6	6.5	3.0	2.6	2.5	2.7	—	—
MIN	—	—	—	.00	.90	.11	.00	.00	.00	.00	—	—
AC-FT	—	—	—	174	320	278	69	71	29	27	—	—

CAL YR 1995: TOTAL 487.66 MEAN 2.28 MAX 7.1 MIN .00 AC-FT 967

Table 5. Mean daily rates of injection for gaging station 13088515, Cottonwood Creek injection site 2 near Oakley, 13S-21E-6AAC1 and 2, January 1993 through June 1997—Continued

	1996											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	3.6	5.3	1.1	1.3	.03	.23	—	—
2	—	—	—	.00	3.4	3.0	.35	.65	1.0	.03	—	—
3	—	—	—	.00	3.5	3.3	.37	.37	.67	.90	—	—
4	—	—	—	.00	5.1	6.4	2.4	.89	.28	1.3	—	—
5	—	—	—	.15	5.1	4.1	1.8	1.7	.18	.71	—	—
6	—	—	—	.20	5.1	2.8	1.0	1.8	.66	.00	—	—
7	—	—	—	.38	5.9	2.3	1.1	.50	.01	.00	—	—
8	—	—	—	.86	6.0	3.2	1.1	.48	.00	.00	—	—
9	—	—	—	3.3	4.5	2.8	.32	1.7	.00	.15	—	—
10	—	—	—	4.8	5.3	2.5	.68	.59	.71	.27	—	—
11	—	—	—	4.5	5.6	.92	1.7	.41	.19	.00	—	—
12	—	—	—	3.5	6.0	.03	.27	.73	.65	.00	—	—
13	—	—	—	3.1	5.7	.15	.73	1.0	.00	.00	—	—
14	—	—	—	3.7	7.0	2.4	.53	.27	.77	.00	—	—
15	—	—	—	3.3	6.4	1.6	1.8	.88	2.1	.00	—	—
16	—	—	—	1.9	7.3	.97	.32	.96	1.7	.00	—	—
17	—	—	—	2.3	7.7	1.1	.00	.43	.01	.00	—	—
18	—	—	—	2.5	7.7	.27	.00	.58	.11	.37	—	—
19	—	—	—	2.4	7.3	.08	.84	.95	1.3	.00	—	—
20	—	—	—	2.4	7.5	1.1	.86	.79	.97	.00	—	—
21	—	—	—	2.5	8.0	1.3	.89	1.4	.00	.00	—	—
22	—	—	—	2.3	8.2	.23	.00	.88	.00	.00	—	—
23	—	—	—	2.7	7.9	1.6	.32	.44	.00	.00	—	—
24	—	—	—	2.8	7.5	1.8	.65	.11	.00	—	—	—
25	—	—	—	3.7	7.5	.32	.53	.15	.00	—	—	—
26	—	—	—	2.9	7.4	1.6	1.7	.18	.00	—	—	—
27	—	—	—	.90	6.5	1.8	1.9	.39	.00	—	—	—
28	—	—	—	.00	7.9	2.3	.59	.19	.00	—	—	—
29	—	—	—	1.4	8.0	1.3	1.3	.08	.00	—	—	—
30	—	—	—	2.1	8.2	2.3	.53	.00	.19	—	—	—
31	—	—	—	—	7.9	—	1.1	.27	—	—	—	—
TOTAL	—	—	—	60.59	200.7	58.87	26.78	21.07	11.53	3.96	—	—
MEAN	—	—	—	2.02	6.47	1.96	.86	.68	.38	.17	—	—
MAX	—	—	—	4.8	8.2	6.4	2.4	1.8	2.1	1.3	—	—
MIN	—	—	—	.00	3.4	.03	.00	.00	.00	.00	—	—
AC-FT	—	—	—	120	398	117	53	42	23	7.9	—	—

CAL YR 1996: TOTAL 383.50 MEAN 1.86 MAX 8.2 MIN .00 AC-FT 761

Table 5. Mean daily rates of injection for gaging station 13088515, Cottonwood Creek injection site 2 near Oakley, 13S-21E-6AAC1 and 2, January 1993 through June 1997 —Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	—	—	.00	.27	9.9	1.5
2	—	—	.00	.14	8.1	1.2
3	—	—	.00	.28	2.1	.69
4	—	—	.00	.47	2.8	.59
5	—	—	.00	.06	3.4	.60
6	—	—	.00	.01	3.6	.68
7	—	—	.00	.00	4.3	.78
8	—	—	.00	.00	3.0	1.3
9	—	—	.00	.00	2.1	.98
10	—	—	.00	.00	2.1	1.4
11	—	—	.00	.23	2.2	1.9
12	—	—	.00	1.5	2.2	1.5
13	—	—	.00	1.6	2.8	1.4
14	—	—	.00	.42	2.3	1.6
15	—	—	.00	.23	2.4	1.2
16	—	—	.00	.01	2.4	.00
17	—	—	.00	.00	2.8	.02
18	—	—	.00	.59	3.3	.39
19	—	—	.00	.59	2.6	.09
20	—	—	.00	3.7	2.4	.31
21	—	—	.00	4.2	2.9	.78
22	—	—	.00	3.2	2.7	.99
23	—	—	.00	3.8	2.4	.91
24	—	—	.32	9.5	2.6	1.2
25	—	—	2.1	10	3.0	.79
26	—	—	2.0	11	2.6	.53
27	—	—	3.4	11	2.2	.63
28	—	—	3.6	11	2.2	1.5
29	—	—	3.6	11	2.0	1.4
30	—	—	3.6	10	.63	.67
31	—	—	2.1	—	1.5	—
TOTAL	—	—	20.72	94.80	91.53	27.53
MEAN	—	—	.67	3.16	2.95	.92
MAX	—	—	3.6	11	9.9	1.9
MIN	—	—	.00	.00	.63	.00
AC-FT	—	—	41	188	182	55

CAL YR 1997 to date: TOTAL 267.84 MAX 11 MIN .00 AC-FT 531

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Dry Creek Area (sites 3, 4, and 5)

Figures

Tables

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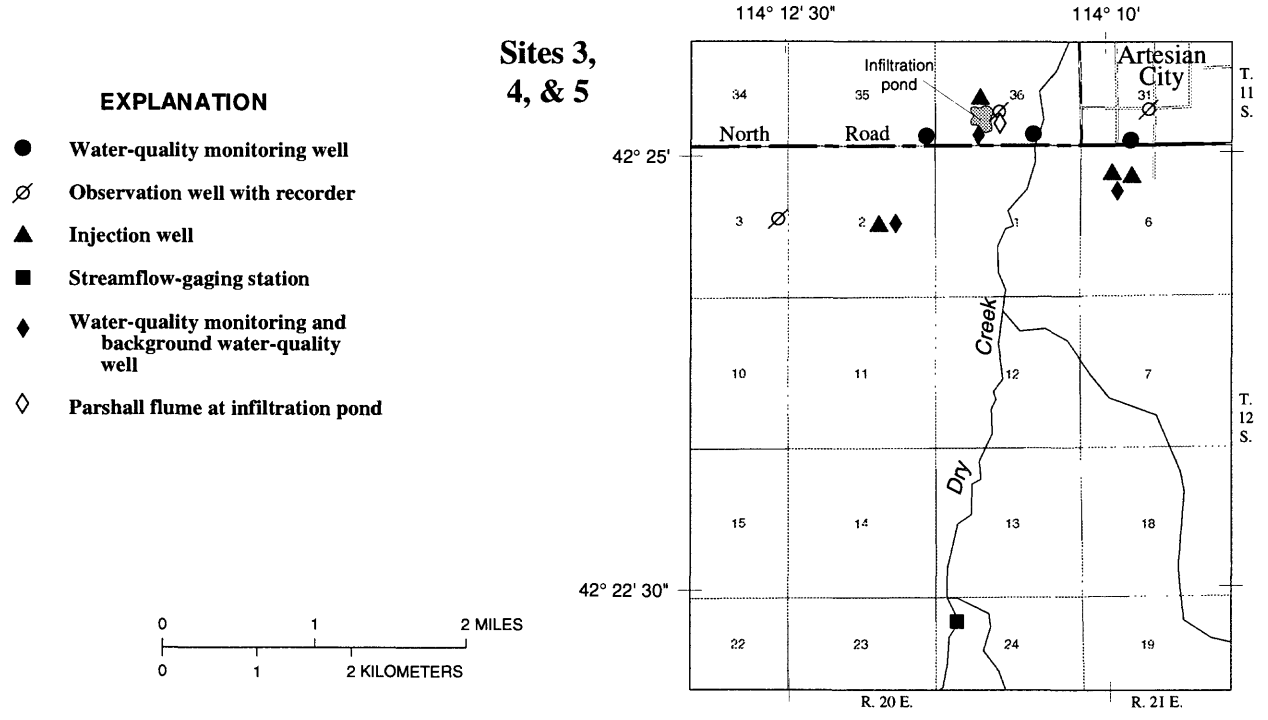

Figure 1. Locations of data collection sites, Dry Creek area.

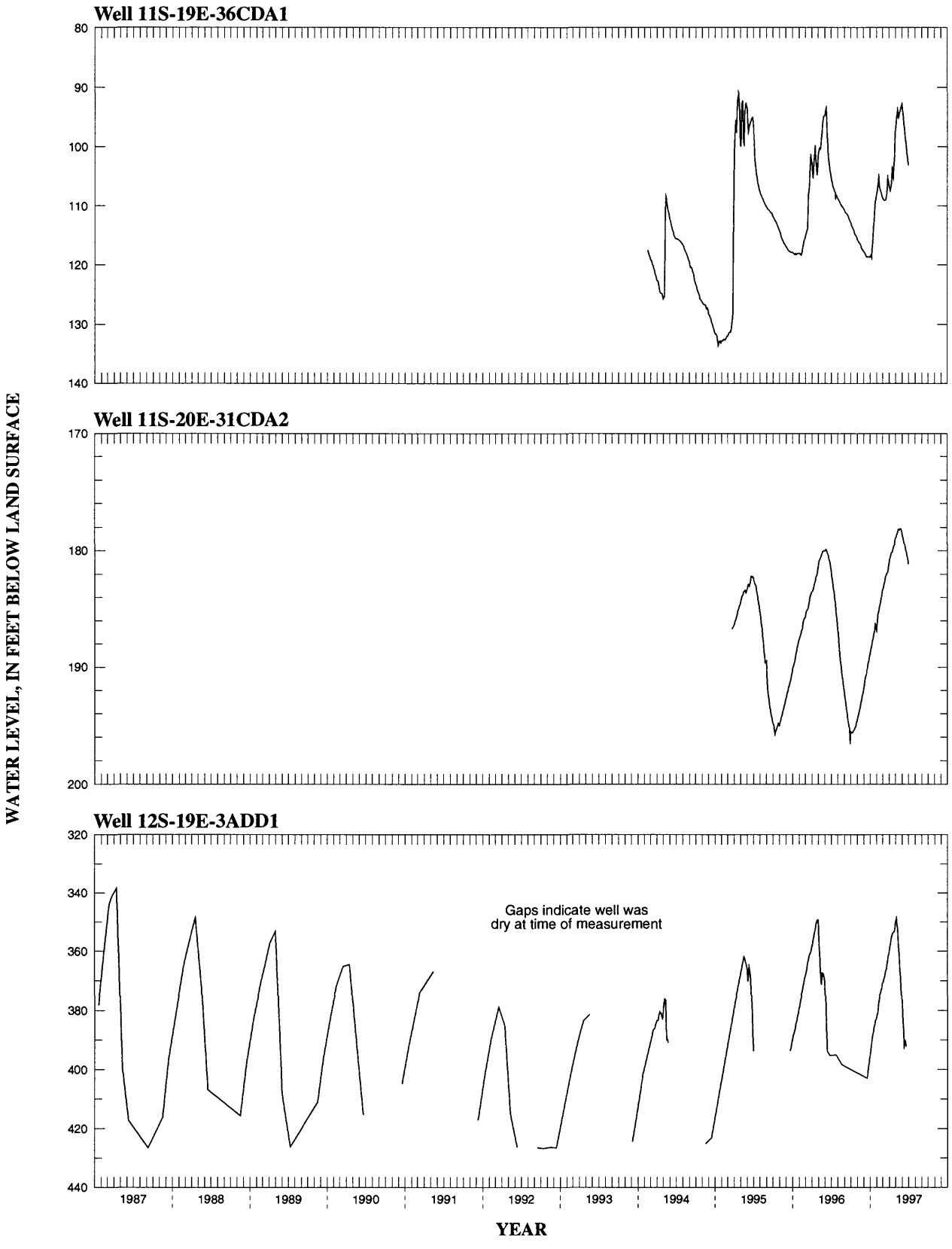

Figure 2. Water-level fluctuations in observation wells in the Dry Creek area, January 1987 through June 1997.

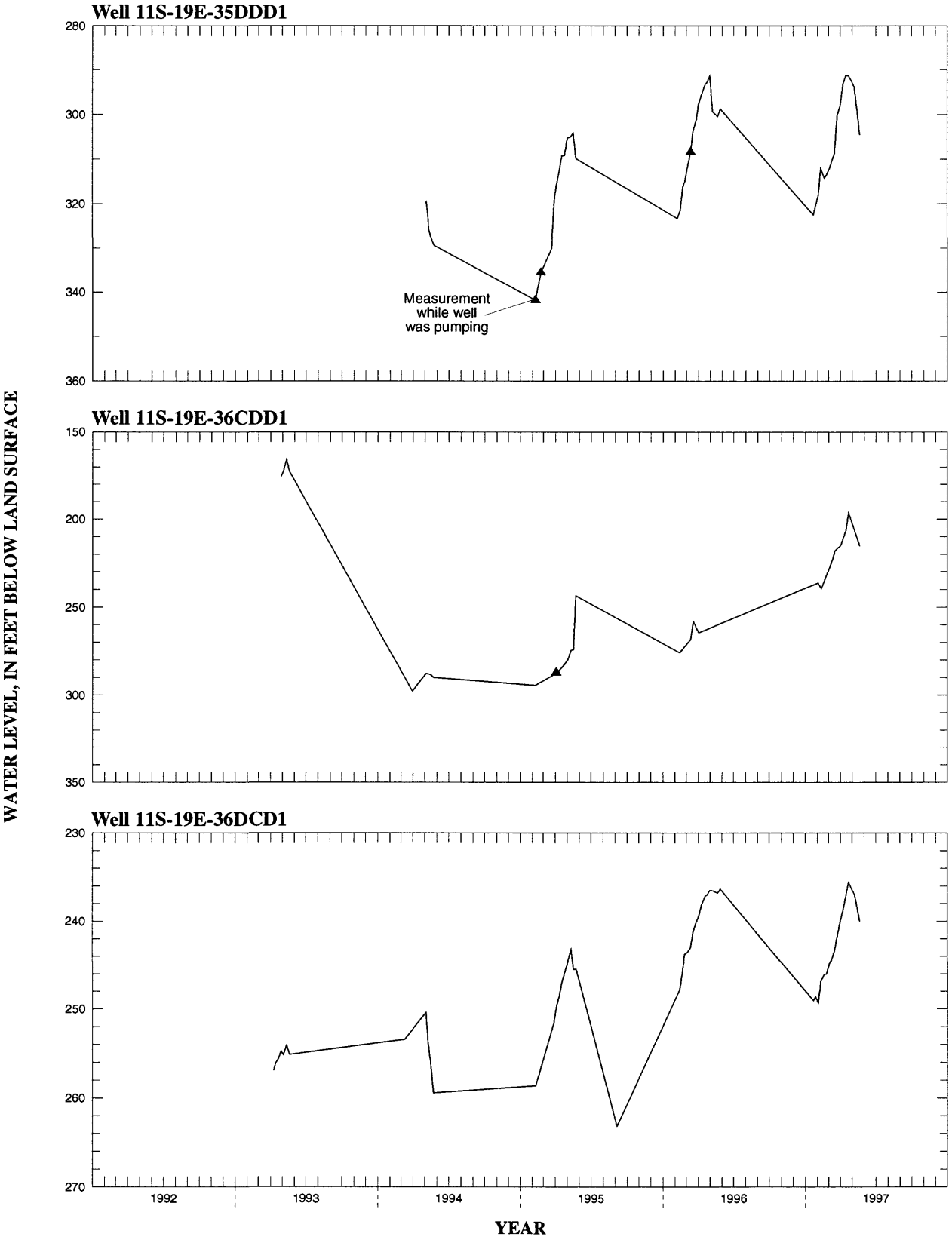

Figure 3. Water-level fluctuations in selected water-quality monitoring wells in the Dry Creek area, January 1992 through June 1997.

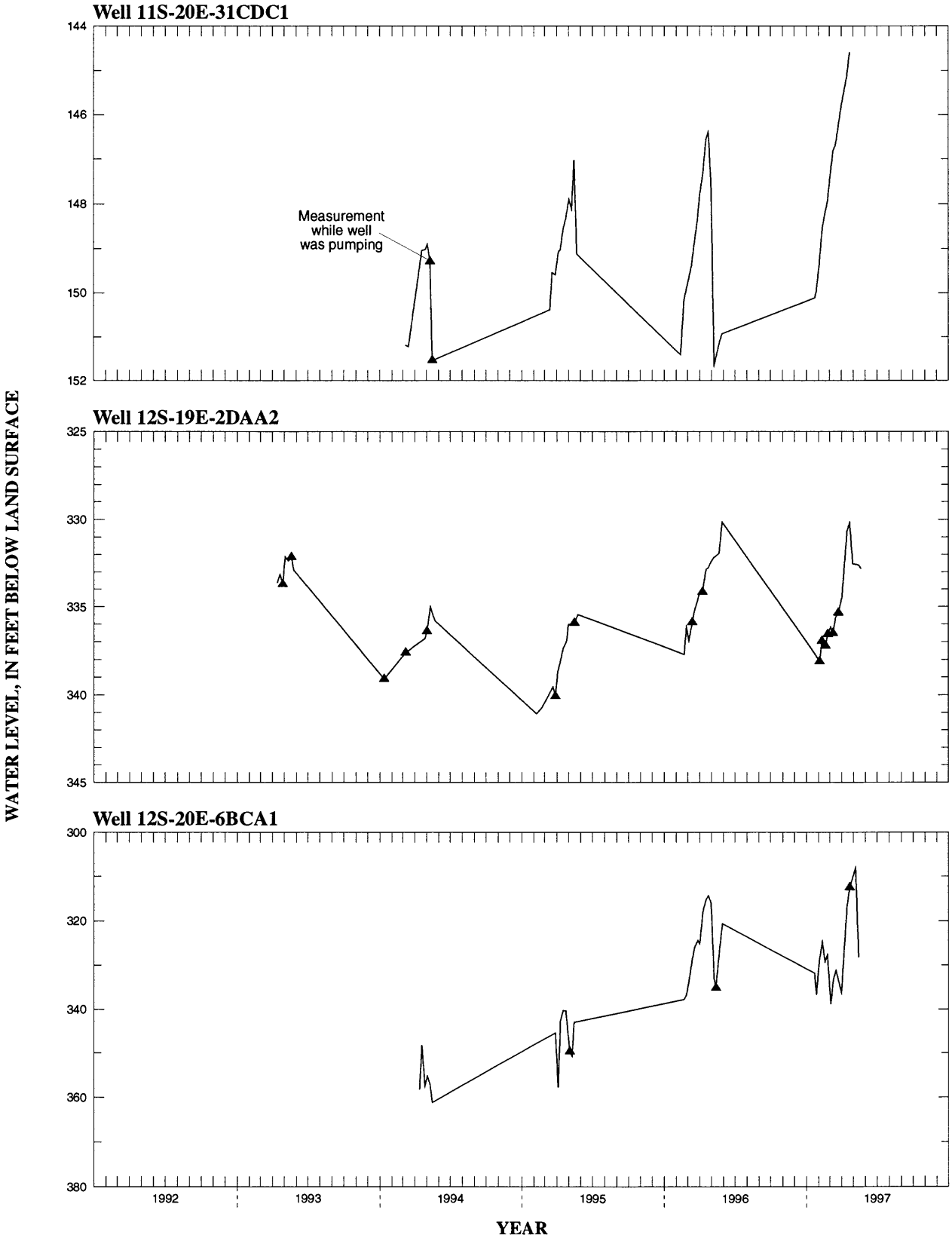

Figure 3. Water-level fluctuations in selected water-quality monitoring wells in the Dry Creek area, January 1992 through June 1997—Continued.

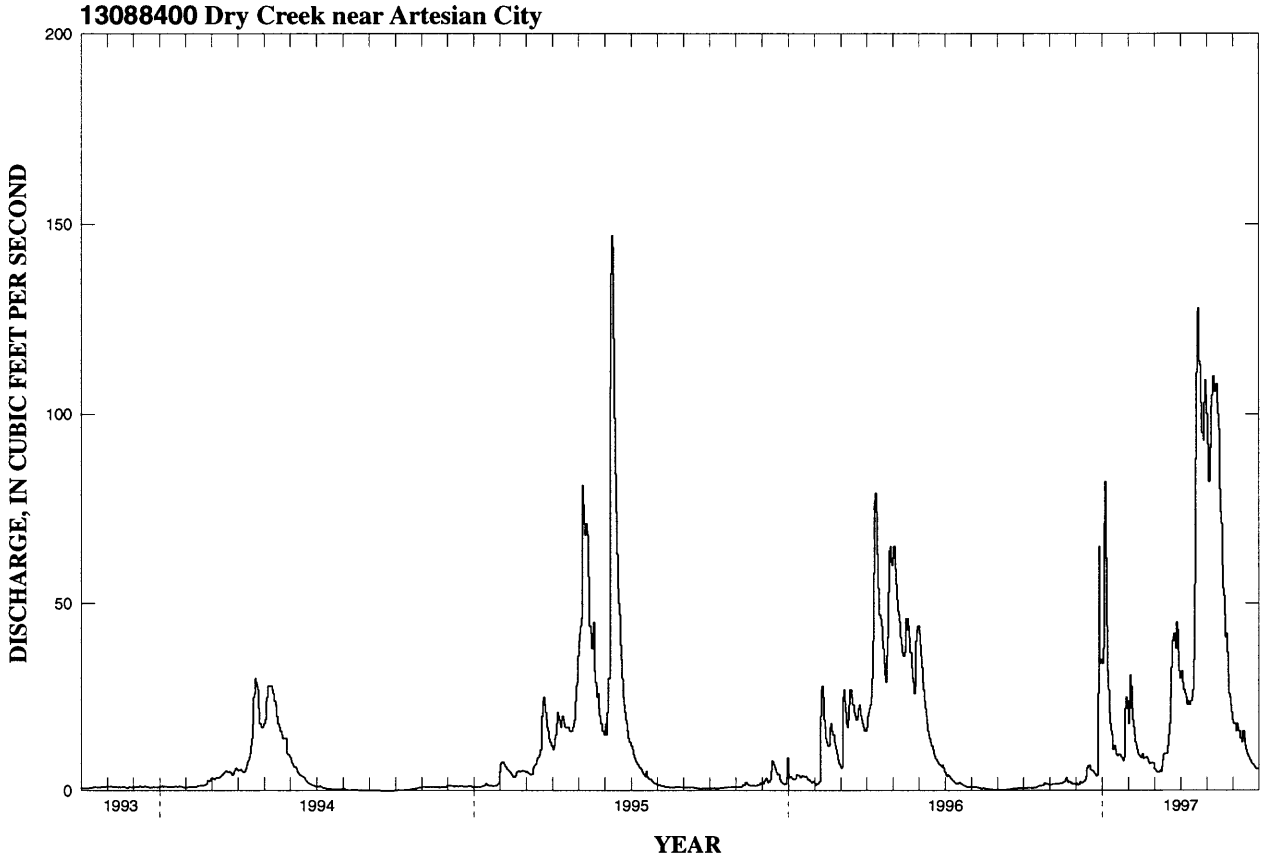

Figure 4. Streamflow in Dry Creek, October 1993 through June 1997.

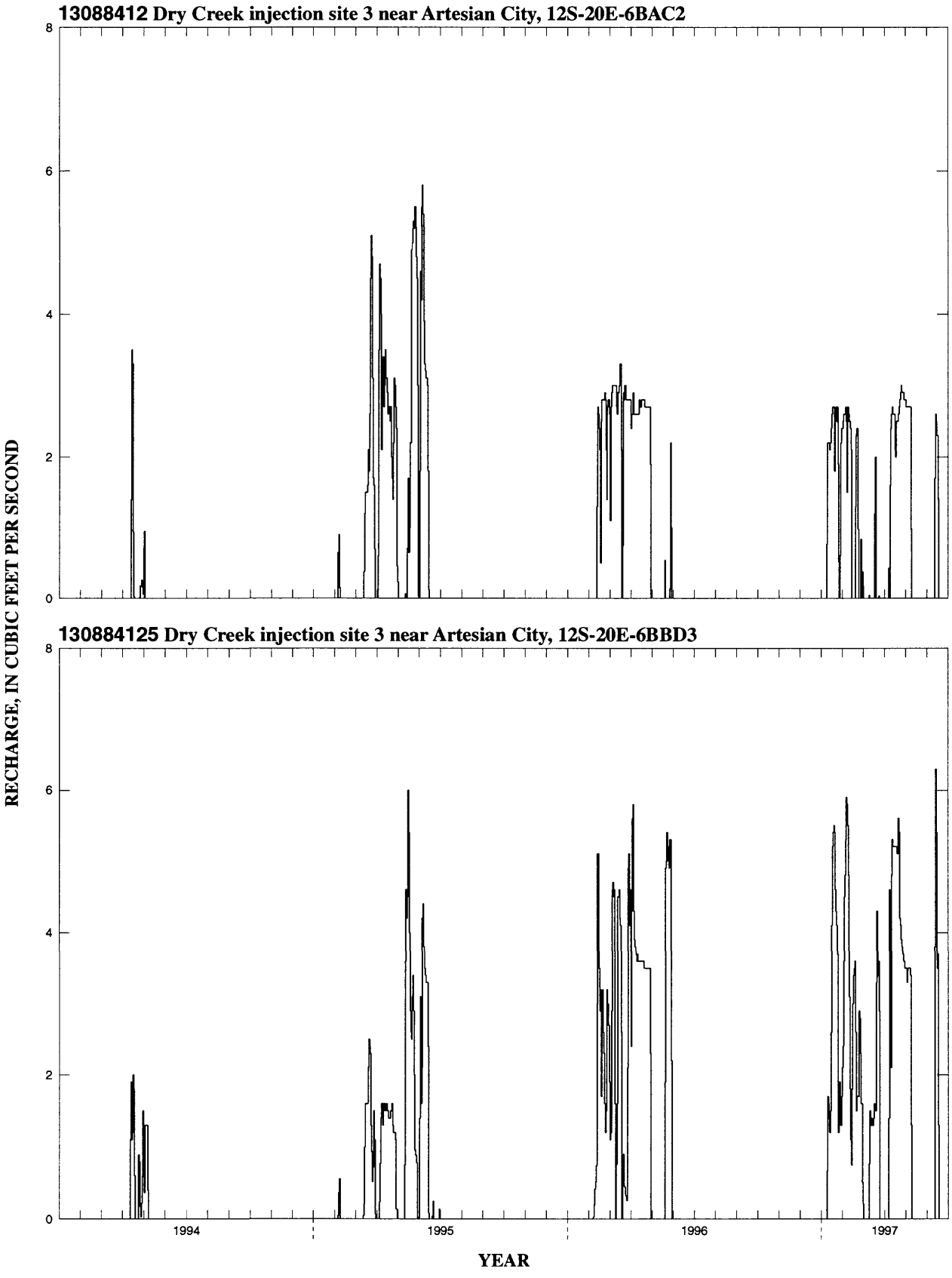

Figure 5. Rates of recharge for site 3, Dry Creek area, January 1994 through June 1997.

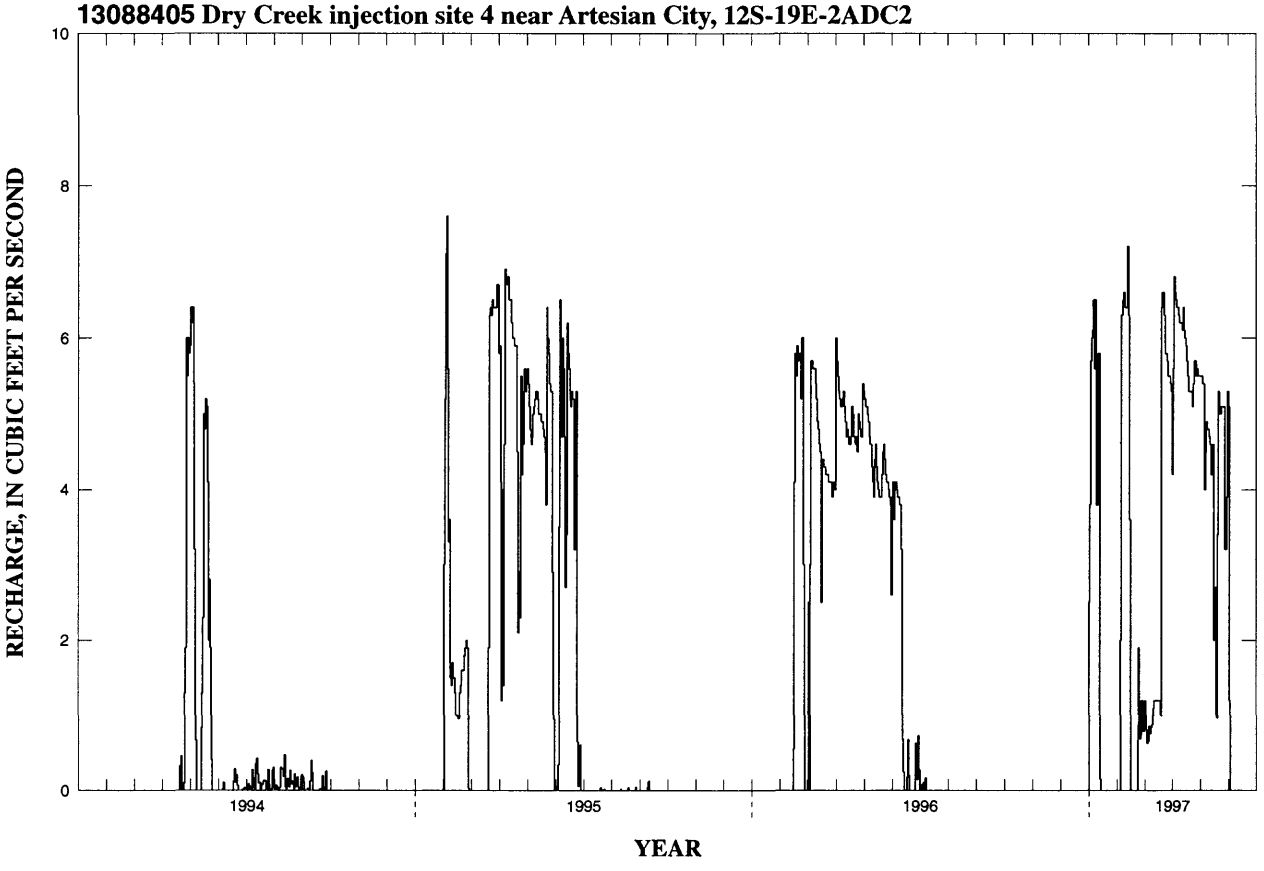

Figure 6. Rates of recharge for site 4, Dry Creek area, January 1994 through June 1997.

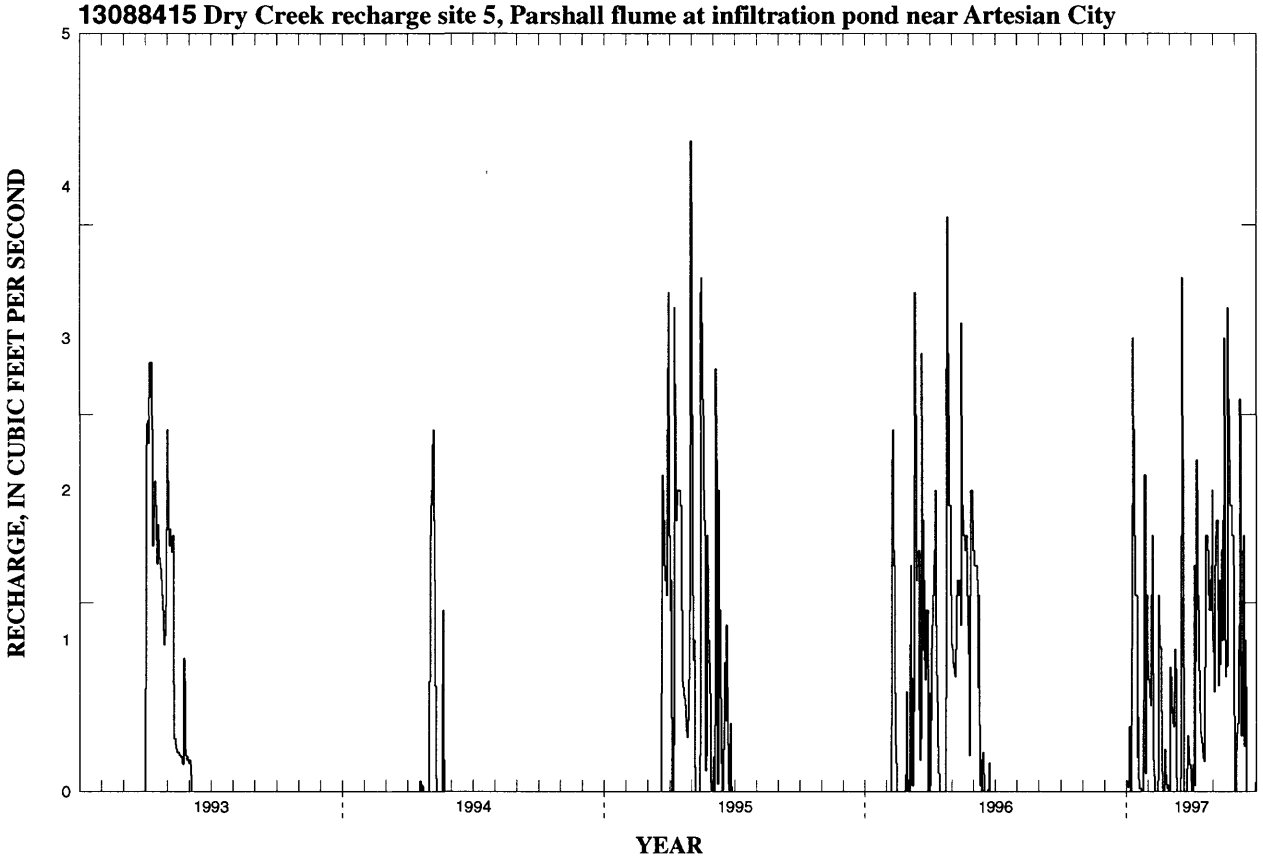

Figure 7. Rates of recharge for site 5, Dry Creek area, January 1993 through June 1997.

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996

Headnotes:

LOCAL IDENTIFIER	site name or number
AC-FT	acre-foot, acre-feet
COLS.	colonies
DEG C	degrees Celsius
DIS., DISS, DISSOLV	dissolved
ELEV.	elevation
FET	fixed endpoint titration
FLT, FLTRD	filtered
FT.	foot, feet
GF 0.7U, 0.7U GF 0.7 UM-MF	pore size of filter—0.7 microgram, membrane filter method
INST.	instantaneous
K	nonideal colony count
MG/L	milligrams per liter
ML	milliliter
NGVD	National Geodetic Vertical Datum of 1929
NR	near
REC, RECOV., RECOVER	recoverable
SRG, SURROG, SURROGT	surrogate
TOT	total
US/CM	microsiemens per centimeter
UG/L	micrograms per liter
UNFLTRD, UNFILT, UNF	unfiltered
WAT	water
WH, WHL	whole
<	less than
—	no data available

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 3

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	DISCHARGE, INST. (CUBIC FEET PER SECOND)	SPECIFIC CONDUCTANCE (US/CM)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	PH WATER WHOLE FIELD (STANDARD UNITS)	PH WATER WHOLE LAB (STANDARD UNITS)
DRY CREEK NR ARTESIAN CITY	13088400	04-07-93	5.0	—	96	10.2	99	8.0	7.7
		04-14-94	5.0	13	97	10.4	97	7.3	7.5
		03-29-95	7.5	16	94	10.9	109	7.0	7.5
		02-28-96	2.5	11	108	11.7	101	6.1	7.6
12S 20E 06BCA1	422448114093801	04-14-94	35.0	—	345	5.3	92	7.8	7.7
		03-28-95	33.0	—	334	5.9	99	7.6	7.6
		02-27-96	8.0	—	262	6.1	62	7.7	7.8
		04-23-96	11.0	—	218	—	—	7.8	7.8
		05-08-96	16.0	—	302	7.0	87	7.6	7.8

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS TOTAL (MG/L AS P)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)
DRY CREEK	04-07-93	38	0.020	<0.010	—	0.360	—	<0.20	0.360	0.360	0.06	0.030	0.020
NR ARTESIAN	04-14-94	34	0.060	0.010	0.061	0.061	<0.20	—	0.071	0.071	0.12	—	0.040
CITY	03-29-95	31	<0.015	<0.010	—	0.220	<0.20	—	0.220	0.220	0.06	—	0.020
	02-28-96	36	0.020	0.020	0.460	0.460	<0.20	—	0.480	0.480	0.06	—	0.020
12S 20E 06BCA1	04-14-94	137	0.050	<0.010	—	0.200	<0.20	—	0.200	0.200	0.03	—	0.010
	03-28-95	140	<0.015	<0.010	—	0.170	<0.20	—	0.170	0.170	—	—	<0.010
	02-27-96	102	<0.015	0.010	0.220	0.220	<0.20	—	0.230	0.230	—	—	<0.010
	04-23-96	78	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	144	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CARBON, ORGANIC TOTAL (MG/L AS C)	HARDNESS TOTAL (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)
DRY CREEK	04-07-93	0.60	25	7.3	1.7	7.3	0.6	35	3.4	6.2	5.0	0.10	38
NR ARTESIAN	04-14-94	4.7	26	7.3	1.8	6.8	0.6	33	3.2	5.3	5.2	0.10	39
CITY	03-29-95	—	24	7.0	1.6	7.3	0.6	36	3.1	5.5	3.3	0.10	40
	02-28-96	—	32	9.0	2.2	8.4	0.7	34	3.3	6.6	5.5	0.10	40
12S 20E 06BCA1	04-14-94	1.0	98	29	6.1	27	1	35	9.8	6.0	30	1.0	23
	03-28-95	—	100	30	6.2	27	1	34	9.8	5.7	21	0.90	24
	02-27-96	—	86	26	5.2	19	0.9	30	7.9	5.3	18	0.80	19
	04-23-96	—	66	20	3.9	16	0.9	32	5.9	5.6	19	0.60	20
	05-08-96	—	89	27	5.2	26	1	36	10	5.1	14	0.70	20

LOCAL IDENTIFIER	DATE	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
DRY CREEK	04-07-93	<1	<100	<10	<1	1	<1	1	400	<1	20	<1	<1
NR ARTESIAN	04-14-94	<1	<100	<10	<1	<1	<1	2	720	1	30	<1	<1
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	8	200	<10	<1	<1	<1	3	30	3	<10	3	<1
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 3

LOCAL IDENTIFIER	DATE	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	SELENIUM, TOTAL (UG/L AS SE)	PROPACHLOR, WATER, DISS, REC (UG/L)	BUTYLATE, WATER, DISS, REC (UG/L)	BROMACIL, WATER, DISS, REC (UG/L)	SIMAZINE, WATER, DISS, REC (UG/L)	PROMETON, WATER, DISS, REC (UG/L)	DESETHYL ATRAZINE, WATER, DISS, REC (UG/L)	CYANAZINE, WATER, DISS, REC (UG/L)
DRY CREEK	04-07-93	<1	<10	770	10	<1	—	—	—	—	—	—	—
NR ARTESIAN	04-14-94	<1	<10	970	<10	<1	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<1	170	<10	40	31	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	FONOFOS WATER DISS REC (UG/L)	DIBROMOMETHANE WATER WHOLE RECOVER (UG/L)	BROMACIL WATER WHL REC (UG/L)	BUTACHLOR WATER WHL REC (UG/L)	BUTYLATE WATER WHL REC (UG/L)	CARBON IN WATER WHOLE RECOVERABLE (UG/L)	CYCLOATE WATER WHOLE RECOVERABLE (UG/L)	DIPHENAMID WATER WHOLE RECOVERABLE (UG/L)	HEXAZINONE WATER WHOLE RECOVERABLE (UG/L)	PROPACHLOR WATER WHOLE RECOV. (UG/L)	TERBACIL WATER WHOLE RECOV. (UG/L)	VERNOLATE WATER WHOLE RECOV. (UG/L)
DRY CREEK	04-07-93	—	<0.200	<0.200	<0.100	<0.100	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100
NR ARTESIAN	04-14-94	<0.003	<0.200	—	—	—	—	—	—	—	—	—	—
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.003	<0.200	—	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	DICHLOROBROMOMETHANE TOTAL (UG/L)	CARBONTETRACHLORIDE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	ACROLEIN TOTAL (UG/L)	ACRYLONITRILE TOTAL (UG/L)
DRY CREEK	04-07-93	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
NR ARTESIAN	04-14-94	K1	95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
CITY	03-29-95	1	K5	—	—	—	—	—	—	—	—	—	—
	02-28-96	<1	K15	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<1	K7	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
	03-28-95	<1	<1	—	—	—	—	—	—	—	—	—	—
	02-27-96	<1	<1	—	—	—	—	—	—	—	—	—	—
	04-23-96	<11	1	—	—	—	—	—	—	—	—	—	—
	05-08-96	<1	<1	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ALPHA BHC DISSOLVED (UG/L)	CHLOROBENZENE TOTAL (UG/L)	CHLOROETHANE TOTAL (UG/L)	ETHYLBENZENE TOTAL (UG/L)	METHYLBROMIDE TOTAL (UG/L)	METHYLCHLORIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)	TETRACHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLUOROMETHANE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)
DRY CREEK	04-07-93	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
NR ARTESIAN	04-14-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 3

LOCAL IDENTIFIER	DATE	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	ETHANE, 1,1,2,2-TETRACHLORO-WAT UNF REC (UG/L)	BENZENE O-DICHLORO-WATER UNFLTRD REC (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2-TRANSDICHLOROETHENE TOTAL (UG/L)	BENZENE 1,2,4-TRICHLORO-WAT UNF REC (UG/L)	BENZENE 1,3-DICHLORO-WATER UNFLTRD REC (UG/L)	BENZENE 1,4-DICHLORO-WATER UNFLTRD REC (UG/L)	2-CHLOROETHYLVINYLETHER TOTAL (UG/L)	P,P' DDE DISSOLV (UG/L)	DICHLORODIFLUOROMETHANE TOTAL (UG/L)	NAPHTHALENE TOTAL (UG/L)
DRY CREEK	04-07-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200
NR ARTESIAN	04-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)	CIS-1,3-DICHLOROPROPENE TOTAL (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)
DRY CREEK	04-07-93	<0.200	<0.200	—	—	—	—	—	—	—	—	—	—
NR ARTESIAN	04-14-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CHLORPYRIFOS TOTAL RECOVER (UG/L)	CHLORPYRIFOS DISSOLVED (UG/L)	DISULFOTON UNFILT RECOVER (UG/L)	PHORATE TOTAL (UG/L)	PROPAZINE TOTAL (UG/L)	TRIFLURALIN TOTAL RECOVER (UG/L)	DEF TOTAL (UG/L)	SIMETRYNE TOTAL (UG/L)	SIMAZINE TOTAL (UG/L)	PROMETONE TOTAL (UG/L)	PROMETRYNE TOTAL (UG/L)	VINYL CHLORIDE TOTAL (UG/L)
DRY CREEK	04-07-93	<0.010	—	<0.010	<0.010	<0.100	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200
NR ARTESIAN	04-14-94	—	<0.004	—	—	—	—	—	—	—	—	—	<0.200
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	—	<0.004	—	—	—	—	—	—	—	—	—	<0.200
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	TRICHLOROETHYLENE TOTAL (UG/L)	LINDANE DISSOLVED (UG/L)	DIELDRIN DISSOLVED (UG/L)	ETHION, TOTAL (UG/L)	METOLACHLOR WATER DISSOLV (UG/L)	MALATHION, TOTAL (UG/L)	MALATHION, DISSOLVED (UG/L)	PARATHION, TOTAL (UG/L)	PARATHION, DISSOLVED (UG/L)	DIAZINON, TOTAL (UG/L)	DIAZINON, DISSOLVED (UG/L)	METHYL PARATHION, TOTAL (UG/L)
DRY CREEK	04-07-93	<0.200	—	—	<0.010	—	<0.010	—	<0.010	—	<0.010	—	<0.010
NR ARTESIAN	04-14-94	<0.200	<0.004	<0.001	—	<0.002	—	<0.005	—	<0.004	—	<0.002	—
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.200	<0.004	<0.001	—	<0.002	—	<0.005	—	<0.004	—	<0.002	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 3

LOCAL IDENTIFIER	DATE	ATRAZINE WATER UNFLTRD REC (UG/L)	ATRAZINE, WATER, DISS, REC (UG/L)	HEXACHLOROBUTADIENE TOTAL (UG/L)	PICLORAM UNFILT RECOVER (UG/L)	2,4-D, TOTAL (UG/L)	2,4-D, DISSOLVED (UG/L)	2,4,5-T TOTAL (UG/L)	2,4,5-T DISSOLVED (UG/L)	SILVEX, TOTAL (UG/L)	SILVEX, DISSOLVED (UG/L)	TOTAL TRITHION (UG/L)
DRY CREEK	04-07-93	<0.100	—	<0.200	<0.010	<0.010	—	<0.010	—	<0.010	—	<0.010
NR ARTESIAN	04-14-94	—	<0.001	<0.200	—	—	<0.035	—	<0.035	—	<0.021	—
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	—	<0.001	<0.200	—	—	<0.035	—	<0.035	—	<0.021	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENT I-FIER	DATE	ALACHLOR, WATER, DISS, REC, (UG/L)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L)	ESFENVALERATE, WAT,FLT GF 0.7U REC (UG/L)
DRY CREEK	04-07-93	—	—	—	—	—	—	—	—	—	—	—
NR ARTESIAN	04-14-94	<0.002	<0.050	<0.035	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.002	<0.050	<0.035	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENT-I-FIER	DATE	DNOC WAT,FLT GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOBENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L)	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L)	CHLORAMBEN, WATER, FLTRD, GF 0.7U REC (UG/L)	3-HYDROXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L)
DRY CREEK	04-07-93	—	—	—	—	—	—	—	—	—	—	—
NR ARTESIAN	04-14-94	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014	<0.028
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014	<0.028
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENT-I-FIER	DATE	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER DAY)	SOLIDS, DISSOLVED (TONS PER AC-FT)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)
DRY CREEK	04-07-93	—	—	—	—	—	—	93	—	0.13	1.20	<0.100
NR ARTESIAN	04-14-94	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	90	3.05	0.12	0.400	<0.100
CITY	03-29-95	—	—	—	—	—	—	88	3.83	0.12	—	—
	02-28-96	—	—	—	—	—	—	99	2.91	0.13	—	—
12S 20E 06BCA1	04-14-94	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	215	—	0.29	<0.100	<0.100
	03-28-95	—	—	—	—	—	—	209	—	0.28	—	—
	02-27-96	—	—	—	—	—	—	163	—	0.22	—	—
	04-23-96	—	—	—	—	—	—	138	—	0.19	—	—
	05-08-96	—	—	—	—	—	—	194	—	0.26	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 3

LOCAL IDENTIFIER	DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DESETHYL ATRAZINE, WATER, WHOLE, TOTAL (UG/L)	CIS-1,2-DICHLOROETHENE WATER TOTAL (UG/L)	STYRENE TOTAL (UG/L)	1,1-DICHLOROPROPENE, WAT, WH TOTAL (UG/L)	2,2-DICHLOROPROPANE WAT, WH TOTAL (UG/L)
DRY CREEK	04-07-93	0.03	—	—	<0.10	—	—	<0.200	<0.200	<0.200	<0.200	<0.200
NR ARTESIAN	04-14-94	0.08	0.27	0.03	<0.10	—	—	—	<0.200	<0.200	<0.200	<0.200
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	0.03	2.0	0.07	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	0.06	—	—	<0.10	4237	—	—	<0.200	<0.200	<0.200	<0.200
	03-28-95	—	—	—	—	4237	345.47	—	—	—	—	—
	02-27-96	—	0.97	0.03	—	4237	336.82	—	—	—	—	—
	04-23-96	—	—	—	—	4237	314.22	—	—	—	—	—
	05-08-96	—	—	—	—	4237	333.20	—	—	—	—	—

LOCAL IDENTIFIER	DATE	1,3-DICHLOROPROPANE WAT. WH TOTAL (UG/L)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L)	ISOPROPYLBENZENE WATER WHOLE REC (UG/L)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L)	O-CHLOROTOLUENE WATER WHOLE TOTAL (UG/L)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L)	METHANE BROMOCHLOROWAT UNFLTRD REC (UG/L)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L)	BENZENE SEC BUTYLWATER UNFLTRD REC (UG/L)	BENZENE TERT BUTYLWATER UNFLTRD REC (UG/L)
DRY CREEK	04-07-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200
NR ARTESIAN	04-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	P-ISOPROPYLTOLUENE WATER WHOLE REC (UG/L)	1,2,3-TRI CHLOROPROPANE WATER WHOLE TOTAL (UG/L)	ETHANE, 1,1,1,2-TETRACHLOROWAT UNF REC (UG/L)	1,2,3-TRICHLOROBENZENE WAT, WH REC (UG/L)	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L)	FREON-113 WATER UNFLTRD REC (UG/L)	ALACHLOR TOTAL RECOVER (UG/L)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L)	XYLENE WATER UNFLTRD REC (UG/L)	BROMOBENZENE WATER, WHOLE, TOTAL (UG/L)	CYANAZINE TOTAL (UG/L)
DRY CREEK	04-07-93	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.100	—	<0.200	<0.200	<0.200
NR ARTESIAN	04-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	—
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.200	<0.200	<0.200	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	DICAMBA TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	AMETRYNE TOTAL (UG/L)	METRIBUZIN WATER WHOLE TOT.REC (UG/L)	METOLACHLOR WATER WHOLE TOT.REC (UG/L)	FONOFOS (DYFONATE) WATER WHOLE TOT.REC (UG/L)	DIBROMOCHLOROPROPANE WATER WHOLE TOT.REC (UG/L)	METRIBUZIN SENCOR WATER DISSOLV (UG/L)	2,6-DIETHYLANILINE WAT FLT 0.7 U GF, REC (UG/L)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L)
DRY CREEK	04-07-93	<0.010	<0.010	<0.100	<0.100	<0.200	<0.010	<1.00	—	—	—	—
NR ARTESIAN	04-14-94	—	—	—	—	—	—	<1.00	<0.004	<0.003	<0.002	<0.004
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	—	—	—	—	—	—	<1.00	<0.004	<0.003	<0.002	<0.004
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 3

LOCAL IDENTIFIER	DATE	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L)
DRY CREEK	04-07-93	—	—	—	—	—	—	—	—	—	—	—
NR ARTESIAN	04-14-94	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L)
DRY CREEK	04-07-93	—	—	—	—	—	—	—	—	—	—	—
NR ARTESIAN	04-14-94	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013
CITY	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-28-96	—	—	—	—	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013
	03-28-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)	SPECIFIC CONDUCTANCE LAB (US/CM)	ALKALINITY LAB (MG/L AS CACO3)	DIAZINON D10 SRG WAT FLT 0.7 U GF, REC PERCENT	TERBUTHYLAZINE SURROGT WAT FLT 0.7 U GF, REC PERCENT	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT	BDMC, SURROG, WATER, UNFLTRD REC PERCENT	SAMPLE VOLUME, SCHEDULE 2050 (ML)	SAMPLE VOLUME SCHEDULE 2001 (ML)	SAMPLE VOLUME SCHEDULE 1389 (ML)
DRY CREEK	04-07-93	—	—	98	33	—	—	—	—	—	—	985
NR ARTESIAN	04-14-94	<0.001	<0.005	98	34	97.1	98.3	91.7	42.0	916	932	—
CITY	03-29-95	—	—	95	33	—	—	—	—	—	—	—
	02-28-96	—	—	115	40	—	—	—	—	—	—	—
12S 20E 06BCA1	04-14-94	<0.001	<0.005	352	148	89.9	88.0	86.5	4.00	906	933	—
	03-28-95	—	—	344	143	—	—	—	—	—	—	—
	02-27-96	—	—	266	106	—	—	—	—	—	—	—
	04-23-96	—	—	226	83	—	—	—	—	—	—	—
	05-08-96	—	—	302	135	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 4

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	SPECIFIC CONDUCTANCE (US/CM)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	PH WATER WHOLE FIELD STANDARD UNITS)	PH WATER WHOLE LAB STANDARD UNITS)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)
12S 19E 02DAA2	422436114113002	03-23-93	21.0	542	3.7	52	7.6	7.6	121
		03-30-93	22.5	546	—	—	7.4	—	—
		04-21-93	25.0	552	—	—	—	—	—
		03-08-94	26.0	720	—	—	7.2	7.4	152
		03-28-95	22.0	578	5.9	82	7.2	7.4	117
		02-27-96	22.5	715	6.5	90	7.2	7.5	137

LOCAL IDENTIFIER	DATE	NITROGEN, TOTAL (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS TOTAL (MG/L AS P)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)
12S 19E 02DAA2	03-23-93	8.4	0.28	0.020	<0.010	—	8.10	—	0.30	8.10	8.10	0.010	<0.010
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	0.030	<0.010	—	10.0	<0.20	—	10.0	10.0	—	<0.010
	03-28-95	—	—	<0.015	<0.010	—	7.30	<0.20	—	7.30	7.30	—	<0.010
	02-27-96	—	—	<0.015	0.010	11.0	11.0	<0.20	—	11.0	11.0	—	<0.010

LOCAL IDENTIFIER	DATE	CARBON, ORGANIC TOTAL (MG/L ASC	HARDNESS TOTAL (MG/L AS CACO#)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	SIUM, DISSOLVED (MG/L AS K)	POTASRIDE, DISSOLVED (MG/L AS CL)	CHLOSULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SI02)
12S 19E 02DAA2	03-23-93	1.0	220	70	12	27	0.8	20	14	70	50	0.40	50
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	260	80	15	29	0.8	18	14	76	60	0.50	46
	03-28-95	—	180	58	9.5	26	0.8	22	13	62	36	0.50	61
	02-27-96	—	260	81	15	29	0.8	18	14	83	58	0.50	55

LOCAL IDENTIFIER	DATE	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)
12S 19E 02DAA2	03-23-93	4	300	<10	<1	<1	<1	3	30	2	<10	1	2
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 4

LOCAL IDENTIFIER	DATE	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	SELENIUM, TOTAL (UG/L AS SE)	DIBROMOMETHANE WATER WHOLE RECOVER (UG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	DICHLOROBROMOMETHANE TOTAL (UG/L)	CARBONTETRACHLORIDE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)
12S 19E 02DAA2	03-23-93	<1	250	10	40	2	<0.200	<1	K2	<0.200	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	—	—	—	—	<1	<1	—	—	—	—
	03-28-95	—	—	—	—	—	—	<1	<1	—	—	—	—
	02-27-96	—	—	—	—	—	—	<1	K1	—	—	—	—

LOCAL IDENTIFIER	DATE	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	ACROLEIN TOTAL (UG/L)	ACRYLONITRILE TOTAL (UG/L)	CHLOROBENZENE TOTAL (UG/L)	CHLOROETHANE TOTAL (UG/L)	ETHYLBENZENE TOTAL (UG/L)	METHYLBROMIDE TOTAL (UG/L)	METHYLCHLORIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)
12S 19E 02DAA2	03-23-93	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	TETRACHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLUOROMETHANE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	ETHANE, 1,1,2,2-TETRACHLORO-WAT UNF REC (UG/L)	BENZENE O-DICHLORO-WATER UNFLTRD REC (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2-TRANSDICHLOROETHENE TOTAL (UG/L)	BENZENE 1,2,4-TRICHLORO-WAT UNF REC (UG/L)	BENZENE 1,3-DICHLORO-WATER UNFLTRD REC (UG/L)
12S 19E 02DAA2	03-23-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	BENZENE 1,4-DICHLORO-WATER UNFLTRD REC (UG/L)	2-CHLOROETHYLVINYLETHER TOTAL (UG/L)	DICHLORODIFLUOROMETHANE TOTAL (UG/L)	NAPHTHALENE TOTAL (UG/L)	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)	CIS-1,3-DICHLOROPROPENE TOTAL (UG/L)	CHLORPYRIFOS TOTAL RECOVER (UG/L)	DISULFOTON UNFILT RECOVER (UG/L)	PHORATE TOTAL (UG/L)	DEF TOTAL (UG/L)	VINYL CHLORIDE TOTAL (UG/L)	TRICHLOROETHYLENE TOTAL (UG/L)
12S 19E 02DAA2	03-23-93	<0.200	<1.00	<0.200	<0.200	<0.200	<0.200	—	—	—	—	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	<0.010	<0.010	<0.010	<0.010	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 4

LOCAL IDENT-I-FIER	DATE	ETHION, TOTAL (UG/L)	MALA-THION, TOTAL (UG/L)	PARA-THION, TOTAL (UG/L)	DI-AZINON, TOTAL (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L)	PIC-LORAM UNFILT RECOVER (UG/L)	2,4-D, TOTAL (UG/L)	2,4,5-T TOTAL (UG/L)	SILVEX, TOTAL (UG/L)	TOTAL TRI-THION (UG/L)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)
12S 19E 02DAA2	03-23-93	—	—	—	—	—	<0.200	—	—	—	—	—	402
	03-30-93	<0.010	<0.010	<0.010	<0.010	<0.010	—	—	—	—	—	<0.010	—
	04-21-93	—	—	—	—	—	—	<0.010	<0.010	<0.010	<0.010	—	—
	03-08-94	—	—	—	—	—	—	—	—	—	—	—	456
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	368
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	466

LOCAL IDENT-I-FIER	DATE	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS NO3)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS NO2)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L)	STYRENE TOTAL (UG/L)	1,1-DI-CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L)
12S 19E 02DAA2	03-23-93	0.55	<0.100	<0.100	0.03	—	—	<0.10	4281	—	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	4281	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	4281	—	—	—	—
	03-08-94	0.62	—	—	0.04	—	—	—	4281	337.60	—	—	—
	03-28-95	0.50	—	—	—	—	—	—	4281	340.10	—	—	—
	02-27-96	0.63	—	—	—	49	0.03	—	4281	336.16	—	—	—

LOCAL IDENT-I-FIER	DATE	2,2-DI-CHLORO-PRO-PANE WAT, WH TOTAL (UG/L)	1,3-DI-CHLORO-PROPANE WAT, WH TOTAL (UG/L)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L)
12S 19E 02DAA2	03-23-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-30-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	—	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENT-I-FIER	DATE	1,2,3-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L)	ETHANE, 1,1,1,2-TETRA-CHLORO-WAT UNF REC (UG/L)	1,2,3-TRI-CHLORO-BENZENE WAT, WH REC (UG/L)	1,2-DIBROMO-ETHANE WATER WHOLE TOTAL (UG/L)	XYLENE WATER UNFLTRD REC (UG/L)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L)	DICAMBA TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	FONOFOS (DY-FONATE) WATER WHOLE TOT.REC (UG/L)	DIBROMO-CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	ALKA-LINITY LAB (MG/L AS CACO3)
12S 19E 02DAA2	03-23-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	—	—	<1.00	652	142
	03-30-93	—	—	—	—	—	—	—	—	<0.010	—	—	—
	04-21-93	—	—	—	—	—	—	<0.010	<0.010	—	—	—	—
	03-08-94	—	—	—	—	—	—	—	—	—	—	739	149
	03-28-95	—	—	—	—	—	—	—	—	—	—	564	115
	02-27-96	—	—	—	—	—	—	—	—	—	—	738	142

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 5

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	OXYGEN, DIS-SOLVED (MG/L)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION)	PH WATER WHOLE FIELD (STAND-ARD UNITS)	PH WATER WHOLE LAB (STAND-ARD UNITS)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3)
11S 19E 36CDD1	422501114105601	03-30-94	14.0	521	8.5	97	7.8	7.6	216
		03-29-95	11.5	638	9.4	101	7.5	7.5	266
		02-27-96	12.0	590	8.0	87	7.2	7.6	247

LOCAL IDENT-I-FIER	DATE	NITRO-GEN DIS-SOLVED (MG/L AS N)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	HARD-NESS TOTAL (MG/L AS CACO3)
11S 19E 36CDD1	03-30-94	8.1	0.18	0.020	<0.010	7.90	0.20	7.90	7.90	0.12	0.040	1.1	190
	03-29-95	—	—	<0.015	<0.010	9.80	<0.20	9.80	9.80	0.12	0.040	—	230
	02-27-96	—	—	<0.015	<0.010	7.80	<0.20	7.80	7.80	0.15	0.050	—	220

LOCAL IDENT-I-FIER	DATE	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM AD-SORP-TION RATIO	SODIUM PERCENT	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SULFATE DIS-SOLVED (MG/L AS SO4)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)	SILICA, DIS-SOLVED (MG/L AS SIO2)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOV-ERABLE (UG/L AS BA)
11S 19E 36CDD1	03-30-94	56	12	34	1	27	10	13	21	0.20	48	1	400
	03-29-95	67	15	43	1	28	11	13	23	0.20	44	—	—
	02-27-96	65	14	39	1	27	12	12	22	0.20	48	—	—

LOCAL IDENT-I-FIER	DATE	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD)	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MOLYB-DENUM, TOTAL RECOV-ERABLE (UG/L AS MO)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)
11S 19E 36CDD1	03-30-94	<10	<1	<1	<1	6	20	2	140	1	<1	<1	250
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENT-I-FIER	DATE	ALUM-INUM, TOTAL RECOV-ERABLE (UG/L AS AL)	LITHIUM TOTAL RECOV-ERABLE (UG/L AS LI)	SELE-NIUM, TOTAL (UG/L AS SE)	PROP-CHLOR, WATER, DISS, REC (UG/L)	BUTYL-ATE, WATER, DISS, REC (UG/L)	BRO-MACIL, WATER, DISS, REC (UG/L)	SI-MAZINE, WATER, DISS, REC (UG/L)	PRO-METON, WATER, DISS, REC (UG/L)	DESETHYL ATRA-ZINE, WATER, DISS, REC (UG/L)	CYANA-ZINE, WATER, DISS, REC (UG/L)	FONOFOS WATER DISS REC (UG/L)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L)
11S 19E 36CDD1	03-30-94	<10	10	<1	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 5

LOCAL IDENTIFIER	DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	DICHLOROBROMOMETHANE TOTAL (UG/L)	CARBON TETRACHLORIDE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	ACROLEIN TOTAL (UG/L)	ACRYLONITRILE TOTAL (UG/L)
11S 19E 36CDD1	03-30-94	<1	<1	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
	03-29-95	<1	<1	—	—	—	—	—	—	—	—	—	—
	02-27-96	<1	K6	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ALPHA BHC DISSOLVED (UG/L)	CHLOROBENZENE TOTAL (UG/L)	CHLOROETHANE TOTAL (UG/L)	ETHYLBENZENE TOTAL (UG/L)	METHYLBROMIDE TOTAL (UG/L)	METHYLCHLORIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)	TETRACHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLUOROMETHANE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)
11S 19E 36CDD1	03-30-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	ETHANE, 1,1,2,2-TETRACHLORO-WAT UNF REC (UG/L)	BENZENE O-DICHLORO-WATER UNFLTRD REC (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2-TRANSDICHLOROETHENE TOTAL (UG/L)	BENZENE 1,2,4-TRICHLORO-WAT UNF REC (UG/L)	BENZENE 1,3-DICHLORO-WATER UNFLTRD REC (UG/L)	BENZENE 1,4-DICHLORO-WATER UNFLTRD REC (UG/L)	2-CHLOROETHYLVINYLETHER TOTAL (UG/L)	P,P' DDE DISSOLV (UG/L)	DICHLORODIFLUOROMETHANE TOTAL (UG/L)	NAPHTHALENE TOTAL (UG/L)
11S 19E 36CDD1	03-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	0.700	<0.200
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	TRANS-1,3-DICHLOROPROPENE TOTAL (UG/L)	CIS-1,3-DICHLOROPROPENE TOTAL (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIOCARB, WATER, FLTRD, GF 0.7U REC (UG/L)	PROPOXUR, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	FLUOMETURON WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)
11S 19E 36CDD1	03-30-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CHLORPYRIFOS DISSOLVED (UG/L)	VINYL CHLORIDE TOTAL (UG/L)	TRICHLOROETHYLENE TOTAL (UG/L)	LINDANE DISSOLVED (UG/L)	DIELDRIN DISSOLVED (UG/L)	METOLACHLOR WATER DISSOLV (UG/L)	MALATHION, DISSOLVED (UG/L)	PARATHION, DISSOLVED (UG/L)	DIAZINON, DISSOLVED (UG/L)	ATRAZINE, WATER, DISS, REC (UG/L)	HEXACHLOROBUTADIENE TOTAL (UG/L)	2,4-D, DISSOLVED (UG/L)
11S 19E 36CDD1	03-30-94	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.035
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 5

LOCAL IDENTIFIER	DATE	2,4,5-T DISSOLVED (UG/L)	SILVEX, DISSOLVED (UG/L)	ALACHLOR, WATER, DISS, REC, (UG/L)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L)
11S 19E 36CDD1	03-30-94	<0.035	<0.021	<0.002	<0.050	<0.035	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017	<0.013
	03-29-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ESFENVALERATE, WAT,FLT GF 0.7U REC (UG/L)	DNOC WAT,FLT GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOBENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L)	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L)	CHLORAMBEN, WATER, FLTRD, GF 0.7U REC (UG/L)	3-HYDROXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L)
11S 19E 36CDD1	03-30-94	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)
11S 19E 36CDD1	03-30-94	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	359	0.49	<0.100	<0.100
	03-29-95	—	—	—	—	—	—	—	419	0.57	—	—
	02-27-96	—	—	—	—	—	—	—	395	0.54	—	—

LOCAL IDENTIFIER	DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	CIS-1,2-DICHLOROETHENE WATER TOTAL (UG/L)	STYRENE TOTAL (UG/L)	1,1-DICHLOROPROPENE, WAT, WH TOTAL (UG/L)	2,2-DICHLOROPROPANE WAT, WH TOTAL (UG/L)	1,3-DICHLOROPROPANE WAT, WH TOTAL (UG/L)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L)
11S 19E 36CDD1	03-30-94	0.03	<0.10	4235	350.00	297.95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-29-95	—	—	4235	350.00	288.12	—	—	—	—	—	—
	02-27-96	—	—	4235	350.00	271.82	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ISOPROPYLBENZENE WATER WHOLE REC (UG/L)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L)	O-CHLOROTOLUENE WATER WHOLE TOTAL (UG/L)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L)	METHANE BROMO CHLOROWAT UNFLTRD REC (UG/L)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L)	BENZENE SEC BUTYLWATER UNFLTRD REC (UG/L)	BENZENE TERT-BUTYLWATER UNFLTRD REC (UG/L)	P-ISOPROPYLTOLUENE WATER WHOLE REC (UG/L)	123-TRI CHLOROPROPANE WATER WHOLE TOTAL (UG/L)
11S 19E 36CDD1	03-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Dry Creek area, 1993 through 1996—Continued

SITE 5

LOCAL IDENTIFIER	DATE	ETHANE, 1112-TETRACHLORO-WAT UNF REC (UG/L)	1,2,3-TRICHLOROBENZENE WAT, WH REC (UG/L)	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L)	FREON-113 WATER UNFLTRD REC (UG/L)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L)	BROMOXYLENE WATER UNFLTRD REC (UG/L)	DIBROMOCHLOROBENZENE WATER, WHOLE, TOTAL (UG/L)	PROPANE WATER WHOLE TOT.REC (UG/L)	METRIBUZIN SENCOR WATER DISSOLV (UG/L)	2,6-DIETHYLANILINE WAT FLT 0.7 U GF, REC (UG/L)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L)
11S 19E 36CDD1	03-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L)
11S 19E 36CDD1	03-30-94	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)
11S 19E 36CDD1	03-30-94	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003
	03-29-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)	SPECIFIC CONDUCTANCE LAB (US/CM)	ALKALINITY LAB (MG/L AS CACO3)	DIAZINON D10 SRG WAT FLT 0.7 U GF, REC PERCENT	TERBUTHYLAZINE SURROGT WAT FLT 0.7 U GF, REC PERCENT	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT	BDMC, SURROG, WATER, UNFLTRD REC PERCENT	SAMPLE VOLUME, SCHEDULE 2050 (ML)	SAMPLE VOLUME SCHEDULE 2001 (ML)
11S 19E 36CDD1	03-30-94	<0.013	<0.001	<0.005	544	214	187	151	137	22.0	948	937
	03-29-95	—	—	—	658	269	—	—	—	—	—	—
	02-27-96	—	—	—	597	254	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through 1997

Headnotes:

LOCAL IDENTIFIER	site name or number
AC-FT	acre-foot, acre-feet
COLS.	colonies
DEG C	degrees Celsius
DIS.	dissolved
E	estimate
ELEV.	elevation
FET	fixed endpoint titration
FT.	foot, feet
G/M	gallons per minute
INST.	instantaneous
K	nonideal colony count
MG/L	milligrams per liter
ML	milliliter
NGVD	National Geodetic Vertical Datum of 1929
TOT	total
US/CM	microsiemens per centimeter
WAT	water
WH	whole
0.7 UM-MF	pore size of filter—0.7 microgram, membrane filter method
—	no data available
<	less than
>	greater than

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 3

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
12S 20E 06BCA1	422448114093801	04-14-94	35.0	—	—	345	7.8
		04-19-94	22.5	—	—	339	7.7
		04-27-94	21.5	—	—	357	7.6
		05-03-94	17.5	—	—	357	7.7
		05-10-94	18.0	—	—	384	7.5
		05-16-94	27.5	—	—	376	7.5
		03-28-95	33.0	—	—	334	7.6
		04-04-95	30.5	—	—	350	7.7
		04-10-95	34.0	—	—	320	7.6
		04-17-95	32.5	—	—	314	7.7
		04-24-95	31.0	—	—	315	7.8
		05-04-95	30.5	—	—	313	7.7
		05-10-95	30.5	—	—	364	7.8
		05-15-95	32.5	—	—	273	7.8
		01-30-96	6.0	—	—	348	7.6
		02-12-96	7.5	—	—	270	7.5
		02-21-96	7.0	—	—	266	7.8
		02-27-96	8.0	—	—	262	7.7
		03-05-96	8.0	—	—	254	7.6
		03-13-96	7.5	—	—	243	7.7
		03-19-96	7.5	—	—	232	7.8
		03-27-96	9.5	—	—	227	7.9
		04-01-96	8.0	—	—	223	7.8
		04-09-96	10.5	—	—	225	7.7
		04-17-96	11.5	—	—	218	7.9
		04-23-96	11.0	—	—	218	7.8
		04-30-96	10.5	—	—	219	7.8
		05-08-96	16.0	—	—	302	7.6
		05-13-96	17.0	—	—	190	7.6
		05-22-96	17.0	—	—	206	7.7
		05-30-96	15.0	—	—	203	7.7
		01-22-97	8.5	—	—	248	7.7
		01-27-97	7.0	—	—	236	8.1
		02-03-97	10.5	—	—	226	7.5
		02-11-97	8.5	—	—	209	7.9
		02-18-97	10.5	—	—	207	7.2
		02-24-97	9.0	—	—	206	7.4
		03-05-97	12.5	—	—	318	7.7
		03-11-97	9.5	—	—	220	7.2
		03-18-97	13.5	—	—	207	7.7

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
12S 20E 06BCA1	04-14-94	137	0.050	<0.010	—	<0.20	—	0.200	0.03	0.010	98
	04-19-94	132	—	—	—	—	—	—	—	—	—
	04-27-94	138	—	—	—	—	—	—	—	—	—
	05-03-94	137	—	—	—	—	—	—	—	—	—
	05-10-94	149	—	—	—	—	—	—	—	—	—
	05-16-94	147	—	—	—	—	—	—	—	—	—
	03-28-95	140	<0.015	<0.010	—	<0.20	—	0.170	—	<0.010	100
	04-04-95	—	—	—	—	—	—	—	—	—	—
	04-10-95	126	—	—	—	—	—	—	—	—	—
	04-17-95	122	—	—	—	—	—	—	—	—	—
	04-24-95	115	—	—	—	—	—	—	—	—	—
	05-04-95	125	—	—	—	—	—	—	—	—	—
	05-10-95	155	—	—	—	—	—	—	—	—	—
	05-15-95	102	—	—	—	—	—	—	—	—	—
	01-30-96	158	—	—	—	—	—	—	—	—	—
	02-12-96	115	—	—	—	—	—	—	—	—	—
	02-21-96	105	—	—	—	—	—	—	—	—	—
	02-27-96	102	<0.015	0.010	—	<0.20	—	0.230	—	<0.010	86
	03-05-96	93	—	—	—	—	—	—	—	—	—
	03-13-96	84	—	—	—	—	—	—	—	—	—
	03-19-96	82	—	—	—	—	—	—	—	—	—
	03-27-96	79	—	—	—	—	—	—	—	—	—
	04-01-96	74	—	—	—	—	—	—	—	—	—
	04-09-96	78	—	—	—	—	—	—	—	—	—
	04-17-96	77	—	—	—	—	—	—	—	—	—
	04-23-96	78	—	—	—	—	—	—	—	—	66
	04-30-96	81	—	—	—	—	—	—	—	—	—
	05-08-96	144	—	—	—	—	—	—	—	—	89
	05-13-96	68	—	—	—	—	—	—	—	—	—
	05-22-96	70	—	—	—	—	—	—	—	—	—
	05-30-96	69	—	—	—	—	—	—	—	—	—
	01-22-97	96	—	—	—	—	—	—	—	—	—
	01-27-97	92	—	—	—	—	—	—	—	—	—
	02-03-97	77	—	—	—	—	—	—	—	—	—
	02-11-97	77	—	—	—	—	—	—	—	—	—
	02-18-97	74	—	—	—	—	—	—	—	—	—
	02-24-97	79	—	—	—	—	—	—	—	—	—
	03-05-97	153	—	—	—	—	—	—	—	—	—
	03-11-97	85	—	—	—	—	—	—	—	—	—
	03-18-97	75	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
12S 20E 06BCA1	04-14-94	29	6.1	27	1	35	9.8	6.0	30	1.0
	04-19-94	—	—	—	—	—	—	—	—	—
	04-27-94	—	—	—	—	—	—	—	—	—
	05-03-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-16-94	—	—	—	—	—	—	—	—	—
	03-28-95	30	6.2	27	1	34	9.8	5.7	21	0.90
	04-04-95	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-24-95	—	—	—	—	—	—	—	—	—
	05-04-95	—	—	—	—	—	—	—	—	—
	05-10-95	—	—	—	—	—	—	—	—	—
	05-15-95	—	—	—	—	—	—	—	—	—
	01-30-96	—	—	—	—	—	—	—	—	—
	02-12-96	—	—	—	—	—	—	—	—	—
	02-21-96	—	—	—	—	—	—	—	—	—
	02-27-96	26	5.2	19	0.9	30	7.9	5.3	18	0.80
	03-05-96	—	—	—	—	—	—	—	—	—
	03-13-96	—	—	—	—	—	—	—	—	—
	03-19-96	—	—	—	—	—	—	—	—	—
	03-27-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-17-96	—	—	—	—	—	—	—	—	—
	04-23-96	20	3.9	16	0.9	32	5.9	5.6	19	0.60
	04-30-96	—	—	—	—	—	—	—	—	—
	05-08-96	27	5.2	26	1	36	10	5.1	14	0.70
	05-13-96	—	—	—	—	—	—	—	—	—
	05-22-96	—	—	—	—	—	—	—	—	—
	05-30-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	01-27-97	—	—	—	—	—	—	—	—	—
	02-03-97	—	—	—	—	—	—	—	—	—
	02-11-97	—	—	—	—	—	—	—	—	—
	02-18-97	—	—	—	—	—	—	—	—	—
	02-24-97	—	—	—	—	—	—	—	—	—
	03-05-97	—	—	—	—	—	—	—	—	—
	03-11-97	—	—	—	—	—	—	—	—	—
	03-18-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 20E 06BCA1	04-14-94	23	<1	K7	215	0.29	0.06	4237	—	—
	04-19-94	—	<1	<1	—	—	—	4237	—	348.35
	04-27-94	—	<1	<1	—	—	—	4237	—	357.60
	05-03-94	—	<1	<1	—	—	—	4237	—	355.30
	05-10-94	—	<1	<1	—	—	—	4237	—	357.25
	05-16-94	—	<1	<1	—	—	—	4237	—	361.27
	03-28-95	24	<1	<1	209	0.28	—	4237	—	345.47
	04-04-95	—	<1	<1	—	—	—	4237	—	357.90
	04-10-95	—	<1	K3	—	—	—	4237	—	342.69
	04-17-95	—	<1	<1	—	—	—	4237	—	340.36
	04-24-95	—	<1	<1	—	—	—	4237	—	340.43
	05-04-95	—	<1	<1	—	—	—	4237	—	349.79
	05-10-95	—	<1	<1	—	—	—	4237	—	350.85
	05-15-95	—	<1	K1	—	—	—	4237	—	343.05
	01-30-96	—	<1	<1	—	—	—	4237	—	—
	02-12-96	—	<1	<1	—	—	—	4237	—	—
	02-21-96	—	<1	<1	—	—	—	4237	—	337.81
	02-27-96	19	<1	<1	163	0.22	—	4237	—	336.82
	03-05-96	—	<1	K1	—	—	—	4237	—	333.50
	03-13-96	—	<1	<1	—	—	—	4237	—	328.75
	03-19-96	—	<1	K1	—	—	—	4237	—	325.95
	03-27-96	—	<1	<1	—	—	—	4237	—	324.41
	04-01-96	—	<1	<1	—	—	—	4237	—	325.13
	04-09-96	—	<1	<1	—	—	—	4237	—	317.92
	04-17-96	—	<1	K3	—	—	—	4237	—	315.14
	04-23-96	20	<11	1	138	0.19	—	4237	—	314.22
	04-30-96	—	<1	K1	—	—	—	4237	—	315.95
	05-08-96	20	<1	<1	194	0.26	—	4237	—	333.20
	05-13-96	—	<1	<1	—	—	—	4237	—	335.20
	05-22-96	—	<1	—	—	—	—	4237	—	326.75
	05-30-96	—	<1	K1	—	—	—	4237	—	320.58
	01-22-97	—	<1	<1	—	—	—	4237	—	331.83
	01-27-97	—	<1	<1	—	—	—	4237	—	336.75
	02-03-97	—	<1	<1	—	—	—	4237	—	329.15
	02-11-97	—	<1	<1	—	—	—	4237	—	324.68
	02-18-97	—	<1	<1	—	—	—	4237	—	329.25
	02-24-97	—	<1	<1	—	—	—	4237	—	327.70
	03-05-97	—	<1	<1	—	—	—	4237	—	338.88
	03-11-97	—	<1	<1	—	—	—	4237	—	333.40
	03-18-97	—	<1	<1	—	—	—	4237	—	331.22

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
12S 20E 06BCA1	422448114093801	04-01-97	10.5	—	—	335	7.8
		04-15-97	15.0	—	—	193	8.1
		04-22-97	17.0	—	—	197	7.9
		05-07-97	17.0	—	—	190	8.0
		05-15-97	18.5	—	—	224	8.0
12S 20E 06BAC2 INJECTION	422451114093802	02-08-95	3.5	120	0.27	140	7.7
		03-15-95	8.0	266	0.59	120	8.4
		03-20-95	7.5	810	1.8	105	8.1
		03-27-95	6.0	750	1.7	104	7.7
		04-10-95	6.5	100	0.22	92	7.5
12S 20E 06BBD3	422453114093802	03-07-94	8.5	1030	2.3	120	7.7
		03-08-94	7.5	1160	2.6	118	7.7
		03-15-94	11.0	—	—	118	8.4
		04-18-94	16.0	—	—	98	8.1
		04-27-94	9.5	321	0.71	116	8.4
		05-02-94	16.5	—	—	163	8.0
		04-05-95	7.0	800	1.8	102	7.5
		04-17-95	6.0	1080	2.4	89	7.8
		04-24-95	7.0	700	1.6	93	7.7
		05-15-95	12.5	2200	4.9	96	7.5
		02-12-96	4.5	2410	5.4	138	6.8
		02-21-96	6.0	1400	3.1	131	7.8
		02-27-96	0.5	1000	2.2	129	7.3
		03-05-96	4.5	2100	4.7	117	7.0
		03-13-96	5.5	2180	4.8	122	7.1
		03-27-96	4.5	600	1.3	125	7.7
		04-01-96	8.0	1600	3.6	127	7.4
		04-09-96	6.5	1660	3.7	107	7.2
		04-17-96	5.5	1650	3.7	83	7.4
		04-23-96	6.5	1640	3.6	104	7.4
		05-20-96	9.5	2000	4.4	88	7.0
		01-22-97	3.0	2450	5.4	120	7.6
		01-27-97	3.0	2100	4.7	126	8.2
		02-03-97	2.5	2500	5.6	129	7.6
		02-11-97	3.0	400	0.89	147	7.8
		02-18-97	3.0	2500	5.6	138	7.8
		02-24-97	1.5	2000	4.4	145	7.9
		03-11-97	7.0	1500	3.3	140	7.2
		03-18-97	6.0	1500	3.3	130	6.7
		04-15-97	6.5	2580	5.7	130	7.4

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
12S 20E 06BCA1	04-01-97	158	—	—	—	—	—	—	—	—	—
	04-15-97	70	—	—	—	—	—	—	—	—	—
	04-22-97	73	—	—	—	—	—	—	—	—	—
	05-07-97	76	—	—	—	—	—	—	—	—	—
	05-15-97	92	—	—	—	—	—	—	—	—	—
12S 20E 06BAC2	02-08-95	49	—	—	—	—	—	—	—	—	—
INJECTION	03-15-95	49	—	—	—	—	—	—	—	—	—
	03-20-95	36	—	—	—	—	—	—	—	—	—
	03-27-95	47	—	—	—	—	—	—	—	—	—
	04-10-95	34	—	—	—	—	—	—	—	—	—
12S 20E 06BBD3	03-07-94	44	—	—	—	—	—	—	—	—	—
	03-08-94	41	—	—	—	—	—	—	—	—	—
	03-15-94	45	—	—	—	—	—	—	—	—	—
	04-18-94	36	—	—	—	—	—	—	—	—	—
	04-27-94	49	—	—	—	—	—	—	—	—	—
	05-02-94	86	—	—	—	—	—	—	—	—	—
	04-05-95	38	—	—	—	—	—	—	—	—	—
	04-17-95	32	—	—	—	—	—	—	—	—	—
	04-24-95	35	—	—	—	—	—	—	—	—	—
	05-15-95	33	—	—	—	—	—	—	—	—	—
	02-12-96	54	—	—	—	—	—	—	—	—	—
	02-21-96	43	—	—	—	—	—	—	—	—	38
	02-27-96	42	—	—	—	—	—	—	—	—	—
	03-05-96	37	—	—	—	—	—	—	—	—	—
	03-13-96	39	—	—	—	—	—	—	—	—	33
	03-27-96	42	—	—	—	—	—	—	—	—	—
	04-01-96	43	—	—	—	—	—	—	—	—	—
	04-09-96	36	—	—	—	—	—	—	—	—	—
	04-17-96	37	—	—	—	—	—	—	—	—	—
	04-23-96	35	—	—	—	—	—	—	—	—	27
	05-20-96	31	—	—	—	—	—	—	—	—	—
	01-22-97	48	—	—	—	—	—	—	—	—	—
	01-27-97	40	—	—	—	—	—	—	—	—	—
	02-03-97	41	—	—	—	—	—	—	—	—	—
	02-11-97	48	—	—	—	—	—	—	—	—	—
	02-18-97	46	—	—	—	—	—	—	—	—	—
	02-24-97	43	—	—	—	—	—	—	—	—	—
	03-11-97	47	—	—	—	—	—	—	—	—	—
	03-18-97	40	—	—	—	—	—	—	—	—	—
	04-15-97	38	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
12S 20E 06BCA1	04-01-97	—	—	—	—	—	—	—	—	—
	04-15-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	05-07-97	—	—	—	—	—	—	—	—	—
	05-15-97	—	—	—	—	—	—	—	—	—
12S 20E 06BAC2	02-08-95	—	—	—	—	—	—	—	—	—
INJECTION	03-15-95	—	—	—	—	—	—	—	—	—
	03-20-95	—	—	—	—	—	—	—	—	—
	03-27-95	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—
12S 20E 06BBD3	03-07-94	—	—	—	—	—	—	—	—	—
	03-08-94	—	—	—	—	—	—	—	—	—
	03-15-94	—	—	—	—	—	—	—	—	—
	04-18-94	—	—	—	—	—	—	—	—	—
	04-27-94	—	—	—	—	—	—	—	—	—
	05-02-94	—	—	—	—	—	—	—	—	—
	04-05-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-24-95	—	—	—	—	—	—	—	—	—
	05-15-95	—	—	—	—	—	—	—	—	—
	02-12-96	—	—	—	—	—	—	—	—	—
	02-21-96	11	2.5	8.6	0.6	31	3.5	6.9	5.5	0.20
	02-27-96	—	—	—	—	—	—	—	—	—
	03-05-96	—	—	—	—	—	—	—	—	—
	03-13-96	9.6	2.3	8.6	0.6	33	3.2	5.7	4.5	0.20
	03-27-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-17-96	—	—	—	—	—	—	—	—	—
	04-23-96	7.9	1.8	8.0	0.7	35	3.8	5.2	4.4	0.10
	05-20-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	01-27-97	—	—	—	—	—	—	—	—	—
	02-03-97	—	—	—	—	—	—	—	—	—
	02-11-97	—	—	—	—	—	—	—	—	—
	02-18-97	—	—	—	—	—	—	—	—	—
	02-24-97	—	—	—	—	—	—	—	—	—
	03-11-97	—	—	—	—	—	—	—	—	—
	03-18-97	—	—	—	—	—	—	—	—	—
	04-15-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 20E 06BCA1	04-01-97	—	<1	<1	—	—	—	4237	—	336.27
	04-15-97	—	<1	<1	—	—	—	4237	—	316.82
	04-22-97	—	<1	<1	—	—	—	4237	—	312.40
	05-07-97	—	<1	<1	—	—	—	4237	—	308.02
	05-15-97	—	<1	<1	—	—	—	4237	—	328.22
12S 20E 06BAC2	02-08-95	—	870	640	—	—	—	—	258.50	227.40
INJECTION	03-15-95	—	470	K1500	—	—	—	—	258.50	222.00
	03-20-95	—	260	740	—	—	—	—	258.50	—
	03-27-95	—	K67	730	—	—	—	—	258.50	—
	04-10-95	—	K110	K120	—	—	—	—	258.50	—
12S 20E 06BBD3	03-07-94	—	K930	K900	—	—	—	4238	257.00	—
	03-08-94	—	K67	530	—	—	—	4238	257.00	—
	03-15-94	—	K1900	780	—	—	—	4238	257.00	—
	04-18-94	—	K80	—	—	—	—	4238	257.00	—
	04-27-94	—	110	—	—	—	—	4238	257.00	255.42
	05-02-94	—	K500	>500	—	—	—	4238	257.00	—
	04-05-95	—	K290	K2500	—	—	—	4238	257.00	—
	04-17-95	—	K23	330	—	—	—	4238	257.00	—
	04-24-95	—	K20	K150	—	—	—	4238	257.00	—
	05-15-95	—	540	K290	—	—	—	4238	257.00	—
	02-12-96	—	K230	450	—	—	—	4238	257.00	—
	02-21-96	39	K170	K180	103	0.14	—	4238	257.00	—
	02-27-96	—	K170	K230	—	—	—	4238	257.00	—
	03-05-96	—	K67	K1800	—	—	—	4238	257.00	—
	03-13-96	38	K80	990	95	0.13	—	4238	257.00	—
	03-27-96	—	K77	K3900	—	—	—	4238	257.00	—
	04-01-96	—	K60	560	—	—	—	4238	257.00	—
	04-09-96	—	K180	K230	—	—	—	4238	257.00	—
	04-17-96	—	K640	580	—	—	—	4238	257.00	—
	04-23-96	40	210	K190	92	0.13	—	4238	257.00	—
	05-20-96	—	210	K150	—	—	—	4238	257.00	—
	01-22-97	—	K80	660	—	—	—	4238	257.00	—
	01-27-97	—	340	2000	—	—	—	4238	257.00	—
	02-03-97	—	250	K240	—	—	—	4238	257.00	—
	02-11-97	—	340	570	—	—	—	4238	257.00	—
	02-18-97	—	340	K130	—	—	—	4238	257.00	—
	02-24-97	—	K100	180	—	—	—	4238	257.00	—
	03-11-97	—	K200	K460	—	—	—	4238	257.00	—
	03-18-97	—	K650	K830	—	—	—	4238	257.00	—
	04-15-97	—	K24	K170	—	—	—	4238	257.00	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
12S 20E 06BBD3	422453114093802	04-22-97	6.5	2860	6.4	95	7.1
		04-30-97	5.5	1630	3.6	99	7.5
		05-07-97	7.0	1570	3.5	96	7.9
11S 20E 31CDC1	422506114093701	03-07-94	10.0	—	—	861	7.7
		03-15-94	15.5	—	—	844	7.6
		04-19-94	15.5	—	—	835	7.5
		04-28-94	17.0	—	—	828	7.2
		05-03-94	17.0	—	—	838	7.4
		05-10-94	19.5	—	—	858	7.3
		05-16-94	19.0	—	—	846	7.3
		03-14-95	17.0	—	—	858	7.4
		03-20-95	19.0	—	—	840	7.4
		03-28-95	14.5	—	—	834	7.4
		04-05-95	16.5	—	—	832	7.4
		04-10-95	15.5	—	—	832	7.5
		04-17-95	16.5	—	—	832	7.5
		04-24-95	16.0	—	—	844	7.5
		05-02-95	16.5	—	—	842	7.5
		05-09-95	17.5	—	—	833	7.5
		05-15-95	16.0	—	—	843	7.4
		05-22-95	17.5	—	—	854	7.4
		01-30-96	12.0	—	—	827	7.2
		02-12-96	16.5	—	—	816	7.1
		02-21-96	15.0	—	—	830	7.3
		03-11-96	17.5	—	—	830	7.2
		03-19-96	19.0	—	—	834	7.3
		03-26-96	18.0	—	—	826	7.3
		04-01-96	17.5	—	—	827	7.4
		04-09-96	19.0	—	—	831	7.3
		04-17-96	19.0	—	—	826	7.3
		04-23-96	18.5	—	—	827	7.3
		04-30-96	18.0	—	—	826	7.4
		05-08-96	19.0	—	—	837	7.3
		05-22-96	18.5	—	—	833	7.4
		05-29-96	18.5	—	—	841	7.1
		01-23-97	10.0	—	—	836	7.4
		01-27-97	12.5	—	—	825	7.4
		02-03-97	11.0	—	—	836	7.3
		02-11-97	13.5	—	—	828	7.2
		02-18-97	11.5	—	—	832	7.2

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
12S 20E 06BBD3	04-22-97	31	—	—	—	—	—	—	—	—	—
	04-30-97	36	—	—	—	—	—	—	—	—	—
	05-07-97	35	—	—	—	—	—	—	—	—	—
11S 20E 31CDC1	03-07-94	277	0.030	<0.010	—	<0.20	—	4.60	—	<0.010	260
	03-15-94	284	—	—	—	—	—	—	—	—	—
	04-19-94	263	—	—	—	—	—	—	—	—	—
	04-28-94	266	—	—	—	—	—	—	—	—	—
	05-03-94	268	—	—	—	—	—	—	—	—	—
	05-10-94	264	—	—	—	—	—	—	—	—	—
	05-16-94	264	—	—	—	—	—	—	—	—	—
	03-14-95	264	—	—	—	—	—	—	—	—	—
	03-20-95	262	—	—	—	—	—	—	—	—	—
	03-28-95	265	—	—	—	—	—	—	—	—	—
	04-05-95	267	—	—	—	—	—	—	—	—	—
	04-10-95	267	—	—	—	—	—	—	—	—	—
	04-17-95	266	—	—	—	—	—	—	—	—	—
	04-24-95	262	—	—	—	—	—	—	—	—	—
	05-02-95	269	—	—	—	—	—	—	—	—	—
	05-09-95	265	—	—	—	—	—	—	—	—	—
	05-15-95	264	—	—	—	—	—	—	—	—	—
	05-22-95	266	—	—	—	—	—	—	—	—	—
	01-30-96	262	—	—	—	—	—	—	—	—	—
	02-12-96	265	—	—	—	—	—	—	—	—	—
	02-21-96	264	—	—	—	—	—	—	—	—	—
	03-11-96	262	—	—	—	—	—	—	—	—	—
	03-19-96	268	—	—	—	—	—	—	—	—	—
	03-26-96	262	—	—	—	—	—	—	—	—	—
	04-01-96	265	—	—	—	—	—	—	—	—	—
	04-09-96	265	—	—	—	—	—	—	—	—	—
	04-17-96	266	—	—	—	—	—	—	—	—	—
	04-23-96	266	—	—	—	—	—	—	—	—	—
	04-30-96	270	—	—	—	—	—	—	—	—	—
	05-08-96	263	—	—	—	—	—	—	—	—	—
	05-22-96	255	—	—	—	—	—	—	—	—	—
	05-29-96	261	—	—	—	—	—	—	—	—	—
	01-23-97	263	—	—	—	—	—	—	—	—	—
	01-27-97	267	—	—	—	—	—	—	—	—	—
	02-03-97	264	—	—	—	—	—	—	—	—	—
	02-11-97	266	—	—	—	—	—	—	—	—	—
	02-18-97	261	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
12S 20E 06BBD3	04-22-97	—	—	—	—	—	—	—	—	—
	04-30-97	—	—	—	—	—	—	—	—	—
	05-07-97	—	—	—	—	—	—	—	—	—
11S 20E 31CDC1	03-07-94	77	17	65	2	33	16	41	110	1.0
	03-15-94	—	—	—	—	—	—	—	—	—
	04-19-94	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—
	05-03-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-16-94	—	—	—	—	—	—	—	—	—
	03-14-95	—	—	—	—	—	—	—	—	—
	03-20-95	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—
	04-05-95	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-24-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-15-95	—	—	—	—	—	—	—	—	—
	05-22-95	—	—	—	—	—	—	—	—	—
	01-30-96	—	—	—	—	—	—	—	—	—
	02-12-96	—	—	—	—	—	—	—	—	—
	02-21-96	—	—	—	—	—	—	—	—	—
	03-11-96	—	—	—	—	—	—	—	—	—
	03-19-96	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-17-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—
	05-22-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	01-23-97	—	—	—	—	—	—	—	—	—
	01-27-97	—	—	—	—	—	—	—	—	—
	02-03-97	—	—	—	—	—	—	—	—	—
	02-11-97	—	—	—	—	—	—	—	—	—
	02-18-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 20E 06BBD3	04-22-97	—	K49	K100	—	—	—	4238	257.00	—
	04-30-97	—	K36	K150	—	—	—	4238	257.00	—
	05-07-97	—	K260	K120	—	—	—	4238	257.00	—
11S 20E 31CDC1	03-07-94	36	<1	K23	549	0.75	0.04	4230	265.00	151.20
	03-15-94	—	<1	61	—	—	—	4230	265.00	151.23
	04-19-94	—	<1	—	—	—	—	4230	265.00	149.05
	04-28-94	—	<1	<1	—	—	—	4230	265.00	149.03
	05-03-94	—	<1	<1	—	—	—	4230	265.00	148.91
	05-10-94	—	<1	<1	—	—	—	4230	265.00	149.30
	05-16-94	—	<1	K1	—	—	—	4230	265.00	151.55
	03-14-95	—	<1	<1	—	—	—	4230	265.00	150.39
	03-20-95	—	<1	K2	—	—	—	4230	265.00	149.55
	03-28-95	—	<1	<1	—	—	—	4230	265.00	149.60
	04-05-95	—	<1	K1	—	—	—	4230	265.00	149.08
	04-10-95	—	<1	K20	—	—	—	4230	265.00	149.03
	04-17-95	—	<1	<1	—	—	—	4230	265.00	148.58
	04-24-95	—	<1	<1	—	—	—	4230	265.00	148.33
	05-02-95	—	<1	<1	—	—	—	4230	265.00	147.90
	05-09-95	—	<1	K1	—	—	—	4230	265.00	148.13
	05-15-95	—	<1	K1	—	—	—	4230	265.00	147.03
	05-22-95	—	<1	K1	—	—	—	4230	265.00	149.13
	01-30-96	—	<1	<1	—	—	—	4230	265.00	—
	02-12-96	—	<1	<1	—	—	—	4230	265.00	151.42
	02-21-96	—	<1	K1	—	—	—	4230	265.00	150.16
	03-11-96	—	<1	<1	—	—	—	4230	265.00	149.40
	03-19-96	—	<1	<1	—	—	—	4230	265.00	148.83
	03-26-96	—	<1	<1	—	—	—	4230	265.00	148.37
	04-01-96	—	<1	<1	—	—	—	4230	265.00	147.79
	04-09-96	—	<1	K1	—	—	—	4230	265.00	147.33
	04-17-96	—	<1	<1	—	—	—	4230	265.00	146.56
	04-23-96	—	<1	<1	—	—	—	4230	265.00	146.39
	04-30-96	—	<1	<1	—	—	—	4230	265.00	147.62
	05-08-96	—	<1	<1	—	—	—	4230	265.00	151.66
	05-22-96	—	<1	<1	—	—	—	4230	265.00	151.14
	05-29-96	—	<1	<1	—	—	—	4230	265.00	150.94
	01-23-97	—	<1	<1	—	—	—	4230	265.00	150.12
	01-27-97	—	<1	<1	—	—	—	4230	265.00	149.96
	02-03-97	—	<1	K1	—	—	—	4230	265.00	149.38
	02-11-97	—	<1	<1	—	—	—	4230	265.00	148.55
	02-18-97	—	<1	<1	—	—	—	4230	265.00	148.22

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 3

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	FLOW RATE (G/M)	DISCHARGE, INST. (CUBIC FEET PER SECOND)	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)
11S 20E 31CDC1	422506114093701	02-24-97	16.0	—	—	823	7.2
		03-04-97	12.0	—	—	832	7.2
		03-11-97	14.0	—	—	834	7.3
		03-17-97	13.5	—	—	834	7.2
		04-01-97	14.0	—	—	840	7.4
		04-22-97	18.0	—	—	821	7.5
		05-15-97	17.0	—	—	844	7.3

LOCAL IDENT0 I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 20E 31CDC1	02-24-97	262	—	—	—	—	—	—	—	—	—
	03-04-97	267	—	—	—	—	—	—	—	—	—
	03-11-97	266	—	—	—	—	—	—	—	—	—
	03-17-97	267	—	—	—	—	—	—	—	—	—
	04-01-97	268	—	—	—	—	—	—	—	—	—
	04-22-97	263	—	—	—	—	—	—	—	—	—
	05-15-97	280	—	—	—	—	—	—	—	—	—

LOCAL IDENT-I-FIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 20E 31CDC1	02-24-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-11-97	—	—	—	—	—	—	—	—	—
	03-17-97	—	—	—	—	—	—	—	—	—
	04-01-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	05-15-97	—	—	—	—	—	—	—	—	—

LOCAL IDENT-I-FIER	DATE	SILICA, DISSOLVED (MG/L AS SIO2)	COLIFORM, FECAL, 0.7 UM-MF (COLS/100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 20E 31CDC1	02-24-97	—	<1	K1	—	—	—	4230	265.00	147.98
	03-04-97	—	<1	<1	—	—	—	4230	265.00	147.32
	03-11-97	—	<1	<1	—	—	—	4230	265.00	146.81
	03-17-97	—	<1	<1	—	—	—	4230	265.00	146.69
	04-01-97	—	<1	<1	—	—	—	4230	265.00	145.79
	04-22-97	—	<1	<1	—	—	—	4230	265.00	144.59
	05-15-97	—	<1	<1	—	—	—	4230	265.00	145.12

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	FLOW RATE (G/M)	DISCHARGE, INST. (CUBIC FEET PER SECOND)	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)
12S 19E 02DAA2	422436114113002	03-23-93	21.0	—	—	542	7.6
		03-30-93	22.5	—	—	546	7.4
		04-08-93	22.0	—	—	562	7.4
		04-13-93	23.5	—	—	517	7.3
		04-15-93	22.5	—	—	517	7.5
		04-20-93	23.0	—	—	541	7.3
		04-21-93	25.0	—	—	552	—
		04-27-93	24.5	—	—	633	7.2
		05-03-93	22.5	—	—	495	7.2
		05-11-93	23.0	—	—	484	7.3
		05-19-93	24.5	—	—	640	7.2
		05-25-93	23.5	—	—	558	7.4
		03-08-94	26.0	—	—	720	7.2
		04-27-94	27.0	—	—	444	6.8
		05-02-94	29.5	—	—	566	7.4
		05-11-94	22.5	—	—	470	7.3
		05-18-94	21.0	—	—	482	7.3
		05-23-94	20.0	—	—	473	7.2
		10-12-94	19.0	—	—	483	7.1
		02-08-95	19.5	—	—	560	7.0
		02-22-95	21.0	—	—	722	7.3
		03-22-95	24.5	—	—	780	7.2
		03-28-95	22.0	—	—	578	7.2
		04-03-95	19.5	—	—	517	7.3
		04-11-95	24.0	—	—	716	7.4
		04-17-95	21.0	—	—	316	7.4
		04-26-95	22.5	—	—	487	7.4
		05-01-95	22.0	—	—	526	7.4
		05-09-95	21.0	—	—	498	7.3
		05-16-95	21.0	—	—	491	7.4
		05-25-95	20.0	—	—	480	7.3
		01-30-96	21.5	—	—	687	7.2
		02-14-96	18.5	—	—	579	7.3
		02-21-96	23.5	—	—	609	7.2
		02-27-96	22.5	—	—	715	7.2
		03-04-96	23.5	—	—	574	7.2
		03-13-96	24.0	—	—	938	7.0
		03-18-96	23.5	—	—	524	7.1
		03-26-96	21.0	—	—	574	7.0
		04-01-96	22.5	—	—	651	7.1

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
12S 19E 02DAA2	03-23-93	121	0.020	<0.010	—	—	—	8.10	—	<0.010	220
	03-30-93	—	—	—	—	—	—	—	—	—	—
	04-08-93	138	—	—	—	—	—	—	—	—	—
	04-13-93	118	—	—	—	—	—	—	—	—	—
	04-15-93	119	—	—	—	—	—	—	—	—	—
	04-20-93	121	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—	—
	04-27-93	133	—	—	—	—	—	—	—	—	—
	05-03-93	105	—	—	—	—	—	—	—	—	—
	05-11-93	108	—	—	—	—	—	—	—	—	—
	05-19-93	142	—	—	—	—	—	—	—	—	—
	05-25-93	130	—	—	—	—	—	—	—	—	—
	03-08-94	152	0.030	<0.010	—	<0.20	—	10.0	—	<0.010	260
	04-27-94	137	—	—	—	—	—	—	—	—	—
	05-02-94	156	—	—	—	—	—	—	—	—	—
	05-11-94	100	—	—	—	—	—	—	—	—	—
	05-18-94	107	—	—	—	—	—	—	—	—	—
	05-23-94	102	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—	—
	02-08-95	111	—	—	—	—	—	—	—	—	—
	02-22-95	134	—	—	—	—	—	—	—	—	—
	03-22-95	144	—	—	—	—	—	—	—	—	—
	03-28-95	117	<0.015	<0.010	—	<0.20	—	7.30	—	<0.010	180
	04-03-95	106	—	—	—	—	—	—	—	—	—
	04-11-95	136	—	—	—	—	—	—	—	—	—
	04-17-95	120	—	—	—	—	—	—	—	—	—
	04-26-95	101	—	—	—	—	—	—	—	—	—
	05-01-95	120	—	—	—	—	—	—	—	—	—
	05-09-95	101	—	—	—	—	—	—	—	—	—
	05-16-95	103	—	—	—	—	—	—	—	—	—
	05-25-95	101	—	—	—	—	—	—	—	—	—
	01-30-96	128	—	—	—	—	—	—	—	—	—
	02-14-96	125	—	—	—	—	—	—	—	—	—
	02-21-96	122	—	—	—	—	—	—	—	—	—
	02-27-96	137	<0.015	0.010	—	<0.20	—	11.0	—	<0.010	260
	03-04-96	108	—	—	—	—	—	—	—	—	—
	03-13-96	152	—	—	—	—	—	—	—	—	—
	03-18-96	107	—	—	—	—	—	—	—	—	—
	03-26-96	116	—	—	—	—	—	—	—	—	—
	04-01-96	126	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
12S 19E 02DAA2	03-23-93	70	12	27	0.8	20	14	70	50	0.40
	03-30-93	—	—	—	—	—	—	—	—	—
	04-08-93	—	—	—	—	—	—	—	—	—
	04-13-93	—	—	—	—	—	—	—	—	—
	04-15-93	—	—	—	—	—	—	—	—	—
	04-20-93	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—
	04-27-93	—	—	—	—	—	—	—	—	—
	05-03-93	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—
	05-19-93	—	—	—	—	—	—	—	—	—
	05-25-93	—	—	—	—	—	—	—	—	—
	03-08-94	80	15	29	0.8	18	14	76	60	0.50
	04-27-94	—	—	—	—	—	—	—	—	—
	05-02-94	—	—	—	—	—	—	—	—	—
	05-11-94	—	—	—	—	—	—	—	—	—
	05-18-94	—	—	—	—	—	—	—	—	—
	05-23-94	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—
	02-08-95	—	—	—	—	—	—	—	—	—
	02-22-95	—	—	—	—	—	—	—	—	—
	03-22-95	—	—	—	—	—	—	—	—	—
	03-28-95	58	9.5	26	0.8	22	13	62	36	0.50
	04-03-95	—	—	—	—	—	—	—	—	—
	04-11-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-26-95	—	—	—	—	—	—	—	—	—
	05-01-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-25-95	—	—	—	—	—	—	—	—	—
	01-30-96	—	—	—	—	—	—	—	—	—
	02-14-96	—	—	—	—	—	—	—	—	—
	02-21-96	—	—	—	—	—	—	—	—	—
	02-27-96	81	15	29	0.8	18	14	83	58	0.50
	03-04-96	—	—	—	—	—	—	—	—	—
	03-13-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENTIFIER	DATE	SILICA, DISSOLVED (MG/L AS SIO2)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 19E 02DAA2	03-23-93	50	<1	K2	402	0.55	0.03	4281	—	—
	03-30-93	—	—	—	—	—	—	4281	—	—
	04-08-93	—	K8	<1	—	—	—	4281	—	—
	04-13-93	—	73	<1	—	—	—	4281	—	333.61
	04-15-93	—	K130	<1	—	—	—	4281	—	—
	04-20-93	—	<1	K4	—	—	—	4281	—	333.12
	04-21-93	—	—	—	—	—	—	4281	—	—
	04-27-93	—	K78	<1	—	—	—	4281	—	333.70
	05-03-93	—	1	<1	—	—	—	4281	—	332.10
	05-11-93	—	<1	<1	—	—	—	4281	—	332.35
	05-19-93	—	<1	<1	—	—	—	4281	—	332.13
	05-25-93	—	<1	<1	—	—	—	4281	—	332.88
	03-08-94	46	<1	<1	456	0.62	0.04	4281	—	337.60
	04-27-94	—	K20	—	—	—	—	4281	—	336.80
	05-02-94	—	<1	<1	—	—	—	4281	—	336.40
	05-11-94	—	<1	<1	—	—	—	4281	—	335.00
	05-18-94	—	<1	<1	—	—	—	4281	—	335.52
	05-23-94	—	<1	<1	—	—	—	4281	—	335.80
	10-12-94	—	<1	K1	—	—	—	4281	—	—
	02-08-95	—	<1	<1	—	—	—	4281	—	341.10
	02-22-95	—	<1	K7	—	—	—	4281	—	340.73
	03-22-95	—	<1	K2	—	—	—	4281	—	339.54
	03-28-95	61	<1	<1	368	0.50	—	4281	—	340.10
	04-03-95	—	<1	<1	—	—	—	4281	—	338.70
	04-11-95	—	<1	<1	—	—	—	4281	—	337.98
	04-17-95	—	12	3	—	—	—	4281	—	337.38
	04-26-95	—	<1	<1	—	—	—	4281	—	336.95
	05-01-95	—	<1	<1	—	—	—	4281	—	336.17
	05-09-95	—	<1	<1	—	—	—	4281	—	336.00
	05-16-95	—	<1	<1	—	—	—	4281	—	335.92
	05-25-95	—	87	K11	—	—	—	4281	—	335.44
	01-30-96	—	<1	<1	—	—	—	4281	—	—
	02-14-96	—	<1	<1	—	—	—	4281	—	337.64
	02-21-96	—	<1	<1	—	—	—	4281	—	337.70
	02-27-96	55	<1	K1	466	0.63	—	4281	—	336.16
	03-04-96	—	<1	<1	—	—	—	4281	—	336.94
	03-13-96	—	K1	<1	—	—	—	4281	—	335.89
	03-18-96	—	K1	<1	—	—	—	4281	—	335.27
	03-26-96	—	K2	<1	—	—	—	4281	—	334.66
	04-01-96	—	K1	K1	—	—	—	4281	—	334.13

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
12S 19E 02DAA2	422436114113002	04-08-96	23.0	—	—	529	7.1
		04-17-96	22.0	—	—	504	7.1
		04-23-96	22.5	—	—	526	7.2
		04-30-96	21.5	—	—	505	7.1
		05-07-96	21.0	—	—	517	7.0
		05-21-96	22.0	—	—	512	7.1
		05-29-96	21.0	—	—	516	7.0
		01-22-97	21.0	—	—	640	7.0
		02-04-97	23.5	—	—	726	7.3
		02-10-97	22.5	—	—	682	6.6
		02-19-97	24.0	—	—	686	7.1
		02-25-97	19.5	—	—	603	7.1
		03-04-97	23.5	—	—	759	7.0
		03-10-97	21.5	—	—	677	7.0
		03-17-97	24.5	—	—	634	7.1
		03-24-97	21.0	—	—	553	7.1
		04-02-97	24.0	—	—	723	7.2
		04-22-97	22.5	—	—	563	7.7
		04-30-97	24.5	—	—	629	7.2
		05-07-97	22.5	—	—	639	7.4
		05-15-97	24.0	—	—	558	7.4
		05-21-97	22.5	—	—	560	7.5
12S 19E 02ADC2 INJECTION	422437114113802	04-27-94	6.0	450	1.0	94	6.7
		04-28-94	8.5	—	—	94	7.5
		05-02-94	11.0	3100	6.9	90	8.2
		05-17-94	10.0	1720	3.8	85	7.6
		05-18-94	11.5	2800	6.2	84	7.4
		05-23-94	15.5	500	1.1	90	7.7
		02-08-95	6.0	800	1.8	117	7.5
		02-22-95	5.0	750	1.7	114	7.9
		03-22-95	2.5	3020	6.7	100	7.8
		03-27-95	7.0	3040	6.8	96	7.6
		04-03-95	5.5	2670	5.9	97	7.6
		04-11-95	4.0	3160	7.0	86	7.2
		04-17-95	8.0	2800	6.2	85	8.2
		04-26-95	6.5	2600	5.8	88	7.8
		05-01-95	7.0	2500	5.6	82	7.4
		05-04-95	6.5	2580	5.7	84	7.4
		05-09-95	12.0	2400	5.3	97	7.7
		05-16-95	14.0	2350	5.2	92	7.8

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
12S 19E 02DAA2	04-08-96	110	—	—	—	—	—	—	—	—	—
	04-17-96	106	—	—	—	—	—	—	—	—	—
	04-23-96	114	—	—	—	—	—	—	—	—	—
	04-30-96	103	—	—	—	—	—	—	—	—	—
	05-07-96	103	—	—	—	—	—	—	—	—	—
	05-21-96	114	—	—	—	—	—	—	—	—	—
	05-29-96	102	—	—	—	—	—	—	—	—	—
	01-22-97	120	—	—	—	—	—	—	—	—	—
	02-04-97	139	—	—	—	—	—	—	—	—	—
	02-10-97	127	—	—	—	—	—	—	—	—	—
	02-19-97	131	—	—	—	—	—	—	—	—	—
	02-25-97	114	—	—	—	—	—	—	—	—	—
	03-04-97	144	—	—	—	—	—	—	—	—	—
	03-10-97	136	—	—	—	—	—	—	—	—	—
	03-17-97	131	—	—	—	—	—	—	—	—	—
	03-24-97	113	—	—	—	—	—	—	—	—	—
	04-02-97	128	—	—	—	—	—	—	—	—	—
	04-22-97	110	—	—	—	—	—	—	—	—	—
	04-30-97	122	—	—	—	—	—	—	—	—	—
	05-07-97	119	—	—	—	—	—	—	—	—	—
	05-15-97	107	—	—	—	—	—	—	—	—	—
	05-21-97	109	—	—	—	—	—	—	—	—	—
12S 19E 02ADC2	04-27-94	32	—	—	—	—	—	—	—	—	—
INJECTION	04-28-94	33	—	—	—	—	—	—	—	—	—
	05-02-94	35	—	—	—	—	—	—	—	—	—
	05-17-94	33	—	—	—	—	—	—	—	—	—
	05-18-94	32	—	—	—	—	—	—	—	—	—
	05-23-94	35	—	—	—	—	—	—	—	—	—
	02-08-95	41	—	—	—	—	—	—	—	—	—
	02-22-95	41	—	—	—	—	—	—	—	—	—
	03-22-95	38	—	—	—	—	—	—	—	—	—
	03-27-95	35	—	—	—	—	—	—	—	—	—
	04-03-95	35	—	—	—	—	—	—	—	—	—
	04-11-95	30	—	—	—	—	—	—	—	—	—
	04-17-95	31	—	—	—	—	—	—	—	—	—
	04-26-95	32	—	—	—	—	—	—	—	—	—
	05-01-95	32	—	—	—	—	—	—	—	—	—
	05-04-95	30	—	—	—	—	—	—	—	—	—
	05-09-95	35	—	—	—	—	—	—	—	—	—
	05-16-95	33	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATOP	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
12S 19E 02DAA2	04-08-96	—	—	—	—	—	—	—	—	—
	04-17-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	02-04-97	—	—	—	—	—	—	—	—	—
	02-10-97	—	—	—	—	—	—	—	—	—
	02-19-97	—	—	—	—	—	—	—	—	—
	02-25-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-10-97	—	—	—	—	—	—	—	—	—
	03-17-97	—	—	—	—	—	—	—	—	—
	03-24-97	—	—	—	—	—	—	—	—	—
	04-02-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-30-97	—	—	—	—	—	—	—	—	—
	05-07-97	—	—	—	—	—	—	—	—	—
	05-15-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—
12S 19E 02ADC2	04-27-94	—	—	—	—	—	—	—	—	—
INJECTION	04-28-94	—	—	—	—	—	—	—	—	—
	05-02-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-18-94	—	—	—	—	—	—	—	—	—
	05-23-94	—	—	—	—	—	—	—	—	—
	02-08-95	—	—	—	—	—	—	—	—	—
	02-22-95	—	—	—	—	—	—	—	—	—
	03-22-95	—	—	—	—	—	—	—	—	—
	03-27-95	—	—	—	—	—	—	—	—	—
	04-03-95	—	—	—	—	—	—	—	—	—
	04-11-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-26-95	—	—	—	—	—	—	—	—	—
	05-01-95	—	—	—	—	—	—	—	—	—
	05-04-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 19E 02DAA2	04-08-96	—	<1	<1	—	—	—	4281	—	334.15
	04-17-96	—	<1	<1	—	—	—	4281	—	332.82
	04-23-96	—	<1	<1	—	—	—	4281	—	332.75
	04-30-96	—	<1	<1	—	—	—	4281	—	332.41
	05-07-96	—	<1	<1	—	—	—	4281	—	332.17
	05-21-96	—	<1	K3	—	—	—	4281	—	331.92
	05-29-96	—	<1	K2	—	—	—	4281	—	330.12
	01-22-97	—	<1	<1	—	—	—	4281	—	337.64
	02-04-97	—	<1	<1	—	—	—	4281	—	338.10
	02-10-97	—	<1	<1	—	—	—	4281	—	336.95
	02-19-97	—	<1	<1	—	—	—	4281	—	337.22
	02-25-97	—	<1	<1	—	—	—	4281	—	336.56
	03-04-97	—	<1	<1	—	—	—	4281	—	336.15
	03-10-97	—	<1	<1	—	—	—	4281	—	336.50
	03-17-97	—	<1	<1	—	—	—	4281	—	335.60
	03-24-97	—	<1	<1	—	—	—	4281	—	335.34
	04-02-97	—	<1	K1	—	—	—	4281	—	334.46
	04-22-97	—	K1	K3	—	—	—	4281	—	330.16
	04-30-97	—	<1	<1	—	—	—	4281	—	332.52
	05-07-97	—	K1	K2	—	—	—	4281	—	332.54
	05-15-97	—	K1	K1	—	—	—	4281	—	332.59
	05-21-97	—	<1	<1	—	—	—	4281	—	332.79
12S 19E 02ADC2	04-27-94	—	K730	—	—	—	—	4278	750.00	—
INJECTION	04-28-94	—	K67	210	—	—	—	4278	750.00	—
	05-02-94	—	170	K120	—	—	—	4278	750.00	—
	05-17-94	—	K1000	350	—	—	—	4278	750.00	—
	05-18-94	—	220	—	—	—	—	4278	750.00	—
	05-23-94	—	K130	K50	—	—	—	4278	750.00	—
	02-08-95	—	190	230	—	—	—	4278	750.00	—
	02-22-95	—	440	280	—	—	—	4278	750.00	—
	03-22-95	—	K140	460	—	—	—	4278	750.00	32.78
	03-27-95	—	K17	K73	—	—	—	4278	750.00	29.95
	04-03-95	—	K30	K90	—	—	—	4278	750.00	—
	04-11-95	—	K83	450	—	—	—	4278	750.00	—
	04-17-95	—	K33	160	—	—	—	4278	750.00	—
	04-26-95	—	K60	220	—	—	—	4278	750.00	—
	05-01-95	—	K230	K530	—	—	—	4278	750.00	—
	05-04-95	—	140	190	—	—	—	4278	750.00	—
	05-09-95	—	K180	290	—	—	—	4278	750.00	—
	05-16-95	—	K190	K210	—	—	—	4278	750.00	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
12S 19E 02ADC2 INJECTION	422437114113802	05-23-95	13.0	3550	7.9	109	8.2
		05-25-95	8.5	2880	6.4	97	7.7
		02-21-96	4.0	2720	6.0	127	7.7
		03-05-96	6.5	2660	5.9	123	7.8
		03-12-96	6.0	2330	5.2	119	7.8
		03-19-96	4.5	2040	4.5	118	7.6
		03-26-96	7.5	1880	4.2	112	8.0
		04-01-96	6.5	3020	6.7	113	7.8
		04-08-96	13.0	2680	6.0	103	8.2
		04-17-96	9.0	2100	4.7	96	8.3
		04-24-96	7.5	2060	4.6	94	7.2
		04-30-96	9.0	2610	5.8	89	7.4
		05-07-96	7.5	2200	4.9	88	7.6
		05-13-96	17.5	2250	5.0	85	7.8
		05-21-96	11.0	1870	4.2	85	7.5
		05-29-96	10.0	1810	4.0	99	7.5
		02-04-97	3.5	2960	6.6	126	7.7
		02-10-97	4.0	2900	6.4	128	6.9
		02-25-97	1.0	322	0.72	129	7.0
		03-04-97	1.0	220	0.49	139	6.6
		03-10-97	6.5	480	1.1	132	7.9
		03-17-97	8.5	545	1.2	123	7.0
		03-27-97	7.5	2570	5.7	106	7.6
		04-02-97	3.0	3480	7.7	109	8.1
		04-08-97	6.0	2940	6.5	107	7.6
		04-15-97	10.5	2810	6.2	104	7.7
		04-22-97	7.5	2430	5.4	82	7.6
		04-30-97	5.0	2590	5.8	88	7.4
		05-07-97	11.0	2390	5.3	86	8.3
		05-15-97	12.5	2090	4.6	83	8.1
		05-21-97	16.0	2470	5.5	88	8.6
11S 19E 35DDD1	422504114112501	05-05-94	19.0	—	—	344	—
		05-09-94	19.5	—	—	456	7.2
		05-11-94	19.5	—	—	458	7.2
		05-18-94	18.5	—	—	395	7.1
		05-24-94	19.0	—	—	484	7.1
		08-22-94	19.0	—	—	530	7.4
		08-22-94	—	—	—	—	—
		02-08-95	16.5	—	—	—	7.4
		02-22-95	17.5	—	—	418	7.3

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
12S 19E 02ADC2	05-23-95	57	—	—	—	—	—	—	—	—	—
INJECTION	05-25-95	33	—	—	—	—	—	—	—	—	—
	02-21-96	44	—	—	—	—	—	—	—	—	—
	03-05-96	49	—	—	—	—	—	—	—	—	—
	03-12-96	42	—	—	—	—	—	—	—	—	—
	03-19-96	40	—	—	—	—	—	—	—	—	—
	03-26-96	39	—	—	—	—	—	—	—	—	—
	04-01-96	39	—	—	—	—	—	—	—	—	—
	04-08-96	37	—	—	—	—	—	—	—	—	—
	04-17-96	32	—	—	—	—	—	—	—	—	—
	04-24-96	31	—	—	—	—	—	—	—	—	—
	04-30-96	32	—	—	—	—	—	—	—	—	—
	05-07-96	32	—	—	—	—	—	—	—	—	—
	05-13-96	31	—	—	—	—	—	—	—	—	—
	05-21-96	31	—	—	—	—	—	—	—	—	—
	05-29-96	36	—	—	—	—	—	—	—	—	—
	02-04-97	44	—	—	—	—	—	—	—	—	—
	02-10-97	39	—	—	—	—	—	—	—	—	—
	02-25-97	47	—	—	—	—	—	—	—	—	—
	03-04-97	44	—	—	—	—	—	—	—	—	—
	03-10-97	44	—	—	—	—	—	—	—	—	—
	03-17-97	43	—	—	—	—	—	—	—	—	—
	03-27-97	37	—	—	—	—	—	—	—	—	—
	04-02-97	39	—	—	—	—	—	—	—	—	—
	04-08-97	36	—	—	—	—	—	—	—	—	—
	04-15-97	36	—	—	—	—	—	—	—	—	—
	04-22-97	29	—	—	—	—	—	—	—	—	—
	04-30-97	32	—	—	—	—	—	—	—	—	—
	05-07-97	35	—	—	—	—	—	—	—	—	—
	05-15-97	32	—	—	—	—	—	—	—	—	—
	05-21-97	34	—	—	—	—	—	—	—	—	—
11S 19E 35DDD1	05-05-94	—	—	—	—	—	—	—	—	—	—
	05-09-94	160	—	—	—	—	—	—	—	—	—
	05-11-94	161	<0.010	<0.010	—	<0.20	—	2.20	0.06	0.020	150
	05-18-94	140	—	—	—	—	—	—	—	—	—
	05-24-94	164	—	—	—	—	—	—	—	—	—
	08-22-94	172	0.010	<0.010	—	—	—	2.80	0.03	0.010	160
	08-22-94	—	—	—	—	—	—	—	—	—	—
	02-08-95	163	—	—	—	—	—	—	—	—	—
	02-22-95	162	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENTI-I-FIER	DATE	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM AD-SORP-TION RATIO	SODIUM PERCENT	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SULFATE DIS-SOLVED (MG/L AS SO4)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
12S 19E 02ADC2	05-23-95	—	—	—	—	—	—	—	—	—
INJECTION	05-25-95	—	—	—	—	—	—	—	—	—
	02-21-96	—	—	—	—	—	—	—	—	—
	03-05-96	—	—	—	—	—	—	—	—	—
	03-12-96	—	—	—	—	—	—	—	—	—
	03-19-96	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-17-96	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-13-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	02-04-97	—	—	—	—	—	—	—	—	—
	02-10-97	—	—	—	—	—	—	—	—	—
	02-25-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-10-97	—	—	—	—	—	—	—	—	—
	03-17-97	—	—	—	—	—	—	—	—	—
	03-27-97	—	—	—	—	—	—	—	—	—
	04-02-97	—	—	—	—	—	—	—	—	—
	04-08-97	—	—	—	—	—	—	—	—	—
	04-15-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-30-97	—	—	—	—	—	—	—	—	—
	05-07-97	—	—	—	—	—	—	—	—	—
	05-15-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—
11S 19E 35DDD1	05-05-94	—	—	—	—	—	—	—	—	—
	05-09-94	—	—	—	—	—	—	—	—	—
	05-11-94	47	7.1	35	1	32	10	23	26	0.40
	05-18-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	08-22-94	52	7.7	41	1	34	11	26	33	0.30
	08-22-94	—	—	—	—	—	—	—	—	—
	02-08-95	—	—	—	—	—	—	—	—	—
	02-22-95	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 19E 02ADC2	05-23-95	—	>400	K160	—	—	—	4278	750.00	—
INJECTION	05-25-95	—	560	K240	—	—	—	4278	750.00	—
	02-21-96	—	K230	K310	—	—	—	4278	750.00	—
	03-05-96	—	K53	—	—	—	—	4278	750.00	—
	03-12-96	—	K33	K120	—	—	—	4278	750.00	—
	03-19-96	—	K10	K7	—	—	—	4278	750.00	—
	03-26-96	—	K33	K310	—	—	—	4278	750.00	—
	04-01-96	—	K22	K73	—	—	—	4278	750.00	—
	04-08-96	—	K17	K67	—	—	—	4278	750.00	—
	04-17-96	—	K13	K270	—	—	—	4278	750.00	—
	04-24-96	—	K30	K20	—	—	—	4278	750.00	—
	04-30-96	—	K80	K63	—	—	—	4278	750.00	—
	05-07-96	—	K50	210	—	—	—	4278	750.00	—
	05-13-96	—	K820	230	—	—	—	4278	750.00	—
	05-21-96	—	K150	K130	—	—	—	4278	750.00	—
	05-29-96	—	K130	260	—	—	—	4278	750.00	—
	02-04-97	—	K3	K40	—	—	—	4278	750.00	—
	02-10-97	—	K690	K57	—	—	—	4278	750.00	—
	02-25-97	—	K810	K230	—	—	—	4278	750.00	—
	03-04-97	—	K10	K7	—	—	—	4278	750.00	—
	03-10-97	—	K7	K47	—	—	—	4278	750.00	—
	03-17-97	—	K67	K3	—	—	—	4278	750.00	—
	03-27-97	—	K42	K17	—	—	—	4278	750.00	—
	04-02-97	—	K7	220	—	—	—	4278	750.00	—
	04-08-97	—	K5	K230	—	—	—	4278	750.00	—
	04-15-97	—	K2	K23	—	—	—	4278	750.00	—
	04-22-97	—	K3	K40	—	—	—	4278	750.00	—
	04-30-97	—	K13	K20	—	—	—	4278	750.00	—
	05-07-97	—	K28	K49	—	—	—	4278	750.00	—
	05-15-97	—	K12	K49	—	—	—	4278	750.00	—
	05-21-97	—	K18	K60	—	—	—	4278	750.00	—
11S 19E 35DDD1	05-05-94	—	—	—	—	—	—	4240	575.00	319.59
	05-09-94	—	<1	<1	—	—	—	4240	575.00	322.77
	05-11-94	64	<1	<1	319	0.43	—	4240	575.00	325.55
	05-18-94	—	<1	<1	—	—	—	4240	575.00	328.15
	05-24-94	—	<1	<1	—	—	—	4240	575.00	329.39
	08-22-94	65	<1	—	351	0.48	0.01	4240	575.00	—
	08-22-94	—	—	—	—	—	—	4240	575.00	—
	02-08-95	—	<1	<1	—	—	—	4240	575.00	341.85
	02-22-95	—	<1	K1	—	—	—	4240	575.00	335.57

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 35DDD1	422504114112501	03-22-95	18.5	—	—	294	7.1
		03-29-95	19.0	—	—	283	7.2
		04-03-95	17.5	—	—	281	7.2
		04-11-95	17.5	—	—	277	7.3
		04-17-95	17.0	—	—	287	7.2
		04-24-95	17.5	—	—	303	7.3
		05-01-95	19.0	—	—	302	7.4
		05-09-95	19.0	—	—	311	7.3
		05-16-95	19.5	—	—	321	7.3
		05-23-95	19.5	—	—	417	7.3
		02-14-96	17.0	—	—	450	7.3
		02-21-96	16.5	—	—	288	7.2
		02-26-96	19.0	—	—	290	7.2
		03-04-96	19.5	—	—	298	7.2
		03-12-96	20.0	—	—	370	7.0
		03-18-96	19.5	—	—	300	7.0
		03-27-96	16.5	—	—	304	7.2
		04-01-96	19.5	—	—	312	7.1
		04-08-96	19.5	—	—	321	7.0
		04-18-96	17.0	—	—	324	7.2
		04-23-96	19.5	—	—	327	7.1
		04-30-96	19.5	—	—	329	7.1
		05-07-96	19.0	—	—	338	6.9
		05-21-96	18.5	—	—	331	7.0
		05-28-96	20.0	—	—	332	6.9
		01-22-97	16.0	—	—	498	7.0
		02-04-97	15.0	—	—	305	7.1
		02-10-97	16.0	—	—	292	7.1
		02-19-97	18.5	—	—	391	7.1
		02-24-97	19.0	—	—	367	7.0
		03-04-97	18.5	—	—	395	7.0
		03-10-97	19.0	—	—	358	7.0
		03-17-97	17.5	—	—	307	7.0
		03-24-97	19.0	—	—	281	7.1
		04-01-97	15.0	—	—	295	7.2
		04-08-97	16.0	—	—	307	7.1
		04-22-97	17.5	—	—	328	7.2
		04-30-97	18.5	—	—	327	7.0
		05-07-97	20.5	—	—	330	7.5
		05-15-97	17.5	—	—	347	7.4

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 35DDD1	03-22-95	102	—	—	—	—	—	—	—	—	—
	03-29-95	102	—	—	—	—	—	—	—	—	90
	04-03-95	98	—	—	—	—	—	—	—	—	—
	04-11-95	98	—	—	—	—	—	—	—	—	—
	04-17-95	100	—	—	—	—	—	—	—	—	—
	04-24-95	101	—	—	—	—	—	—	—	—	—
	05-01-95	101	—	—	—	—	—	—	—	—	—
	05-09-95	104	—	—	—	—	—	—	—	—	—
	05-16-95	97	—	—	—	—	—	—	—	—	—
	05-23-95	143	—	—	—	—	—	—	—	—	—
	02-14-96	156	—	—	—	—	—	—	—	—	—
	02-21-96	101	—	—	—	—	—	—	—	—	—
	02-26-96	101	—	—	—	—	—	—	—	—	—
	03-04-96	107	—	—	—	—	—	—	—	—	—
	03-12-96	126	—	—	—	—	—	—	—	—	—
	03-18-96	100	—	—	—	—	—	—	—	—	—
	03-27-96	103	—	—	—	—	—	—	—	—	—
	04-01-96	104	—	—	—	—	—	—	—	—	—
	04-08-96	107	—	—	—	—	—	—	—	—	—
	04-18-96	107	—	—	—	—	—	—	—	—	—
	04-23-96	108	—	—	—	—	—	—	—	—	—
	04-30-96	106	—	—	—	—	—	—	—	—	—
	05-07-96	108	—	—	—	—	—	—	—	—	—
	05-21-96	106	—	—	—	—	—	—	—	—	—
	05-28-96	107	—	—	—	—	—	—	—	—	—
	01-22-97	174	—	—	—	—	—	—	—	—	—
	02-04-97	104	—	—	—	—	—	—	—	—	—
	02-10-97	100	—	—	—	—	—	—	—	—	—
	02-19-97	136	—	—	—	—	—	—	—	—	—
	02-24-97	126	—	—	—	—	—	—	—	—	—
	03-04-97	142	—	—	—	—	—	—	—	—	—
	03-10-97	127	—	—	—	—	—	—	—	—	—
	03-17-97	116	—	—	—	—	—	—	—	—	—
	03-24-97	103	—	—	—	—	—	—	—	—	—
	04-01-97	103	—	—	—	—	—	—	—	—	—
	04-08-97	103	—	—	—	—	—	—	—	—	—
	04-22-97	103	—	—	—	—	—	—	—	—	—
	04-30-97	110	—	—	—	—	—	—	—	—	—
	05-07-97	110	—	—	—	—	—	—	—	—	—
	05-15-97	111	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 35DDD1	03-22-95	—	—	—	—	—	—	—	—	—
	03-29-95	29	4.2	18	0.8	28	8.6	16	13	0.40
	04-03-95	—	—	—	—	—	—	—	—	—
	04-11-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-24-95	—	—	—	—	—	—	—	—	—
	05-01-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	02-14-96	—	—	—	—	—	—	—	—	—
	02-21-96	—	—	—	—	—	—	—	—	—
	02-26-96	—	—	—	—	—	—	—	—	—
	03-04-96	—	—	—	—	—	—	—	—	—
	03-12-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-27-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	02-04-97	—	—	—	—	—	—	—	—	—
	02-10-97	—	—	—	—	—	—	—	—	—
	02-19-97	—	—	—	—	—	—	—	—	—
	02-24-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-10-97	—	—	—	—	—	—	—	—	—
	03-17-97	—	—	—	—	—	—	—	—	—
	03-24-97	—	—	—	—	—	—	—	—	—
	04-01-97	—	—	—	—	—	—	—	—	—
	04-08-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-30-97	—	—	—	—	—	—	—	—	—
	05-07-97	—	—	—	—	—	—	—	—	—
	05-15-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997—Continued

SITE 4

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 35DDD1	03-22-95	—	<1	K1	—	—	—	4240	575.00	330.00
	03-29-95	69	<1	44	219	0.30	—	4240	575.00	319.23
	04-03-95	—	<1	<1	—	—	—	4240	575.00	316.05
	04-11-95	—	<1	<1	—	—	—	4240	575.00	312.38
	04-17-95	—	<1	<1	—	—	—	4240	575.00	309.28
	04-24-95	—	<1	<1	—	—	—	4240	575.00	309.25
	05-01-95	—	<1	<1	—	—	—	4240	575.00	305.21
	05-09-95	—	<1	<1	—	—	—	4240	575.00	305.05
	05-16-95	—	<1	<1	—	—	—	4240	575.00	304.13
	05-23-95	—	<1	<1	—	—	—	4240	575.00	309.87
	02-14-96	—	<1	<1	—	—	—	4240	575.00	321.50
	02-21-96	—	<1	<1	—	—	—	4240	575.00	316.25
	02-26-96	—	<1	<1	—	—	—	4240	575.00	315.05
	03-04-96	—	<1	<1	—	—	—	4240	575.00	311.75
	03-12-96	—	<1	<1	—	—	—	4240	575.00	308.43
	03-18-96	—	<1	K1	—	—	—	4240	575.00	303.77
	03-27-96	—	<1	<1	—	—	—	4240	575.00	300.97
	04-01-96	—	<1	K1	—	—	—	4240	575.00	297.72
	04-08-96	—	<1	<1	—	—	—	4240	575.00	295.75
	04-18-96	—	<1	<1	—	—	—	4240	575.00	293.16
	04-23-96	—	<1	<1	—	—	—	4240	575.00	292.70
	04-30-96	—	<1	<1	—	—	—	4240	575.00	291.22
	05-07-96	—	<1	<1	—	—	—	4240	575.00	299.30
	05-21-96	—	<1	K1	—	—	—	4240	575.00	300.40
	05-28-96	—	<1	<1	—	—	—	4240	575.00	298.70
	01-22-97	—	<1	<1	—	—	—	4240	575.00	322.49
	02-04-97	—	<1	K1	—	—	—	4240	575.00	317.84
	02-10-97	—	<1	<1	—	—	—	4240	575.00	312.04
	02-19-97	—	<1	<1	—	—	—	4240	575.00	314.21
	02-24-97	—	<1	<1	—	—	—	4240	575.00	313.59
	03-04-97	—	<1	<1	—	—	—	4240	575.00	312.13
	03-10-97	—	<1	<1	—	—	—	4240	575.00	310.43
	03-17-97	—	<1	<1	—	—	—	4240	575.00	308.75
	03-24-97	—	<1	<1	—	—	—	4240	575.00	300.23
	04-01-97	—	<1	<1	—	—	—	4240	575.00	297.86
	04-08-97	—	<1	<1	—	—	—	4240	575.00	293.05
	04-22-97	—	<1	<1	—	—	—	4240	575.00	291.24
	04-30-97	—	<1	<1	—	—	—	4240	575.00	292.40
	05-07-97	—	<1	<1	—	—	—	4240	575.00	293.81
	05-15-97	—	<1	<1	—	—	—	4240	575.00	299.68

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 4

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	FLOW RATE (G/M)	DISCHARGE, INST. (CUBIC FEET PER SECOND)	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)
11S 19E 35DDD1	422504114112501	04-15-97	19.5	—	—	324	7.0
		05-21-97	20.0	—	—	362	7.5

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 35DDD1	04-15-97	—	—	—	—	—	—	—	—	—	—
	05-21-97	119	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 35DDD1	04-15-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	SILICA, DISSOLVED (MG/L AS SIO2)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 35DDD1	04-15-97	—	<1	<1	—	—	—	4240	575.00	291.23
	05-21-97	—	<1	<1	—	—	—	4240	575.00	304.49

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	FLOW RATE (G/M)	DISCHARGE, INST. (CUBIC FEET PER SECOND)	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)
PARSHALL FLUME AT INFILTRATION POND	13088415	04-08-93	5.0	1220	2.7	105	7.9
		04-13-93	2.5	765	1.7	104	7.9
		04-16-93	8.5	675	1.5	103	7.8
		04-21-93	5.5	765	1.7	95	8.5
		04-27-93	6.5	630	1.4	91	8.3
		05-03-93	12.0	1120	2.5	88	7.7
		05-10-93	17.5	630	1.4	96	8.0
		05-09-94	15.0	711	1.6	88	7.8
		05-13-94	15.0	567	1.3	95	7.5
		03-22-95	8.5	1080	2.4	102	7.4
		03-27-95	7.0	—	1.7	102	7.7
		04-03-95	12.0	716	1.6	102	8.1
		04-10-95	9.5	1380	3.1	92	7.6
		04-17-95	11.0	1020	2.3	87	8.1
		04-24-95	10.0	423	0.94	93	8.3
		05-01-95	7.0	765	1.7	88	7.9
		05-16-95	12.5	1470	3.3	97	7.8
		05-22-95	14.5	927	2.1	103	7.6
		02-13-96	5.5	464	1.0	127	7.1
		03-05-96	5.5	585	1.3	118	7.2
		03-12-96	5.5	2700	6.0	120	7.0
		03-20-96	6.5	1830	4.1	131	8.0
		03-25-96	5.0	220	0.49	122	7.8
		04-02-96	7.5	162	0.36	126	7.8
		04-08-96	13.5	1200	2.7	112	7.7
		04-23-96	9.0	837	1.9	105	7.3
		04-30-96	8.0	320	0.71	104	7.8
		05-07-96	9.5	396	0.88	91	7.6
		05-14-96	12.5	320	0.71	91	7.5
		05-20-96	11.5	540	1.2	88	7.3
		05-28-96	13.0	945	2.1	93	7.3
		01-28-97	3.0	148	0.33	115	7.8
		02-03-97	3.5	189	0.42	115	7.3
		02-18-97	5.0	117	0.26	132	7.3
		03-04-97	2.5	234	0.52	160	7.2
		03-10-97	8.0	86	0.19	110	7.3
		03-18-97	6.5	86	0.19	133	7.6
		04-08-97	5.0	990	2.2	127	7.7
		04-15-97	6.0	180	0.40	125	7.5
		04-22-97	7.0	765	1.7	92	8.1

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	HARD-NESS TOTAL (MG/L AS CACO3)
PARSHALL FLUME AT INFILTRATION POND	04-08-93	36	—	—	—	—	—	—	—	—	—
	04-13-93	34	—	—	—	—	—	—	—	—	—
	04-16-93	36	—	—	—	—	—	—	—	—	—
	04-21-93	34	—	—	—	—	—	—	—	—	—
	04-27-93	33	—	—	—	—	—	—	—	—	—
	05-03-93	30	—	—	—	—	—	—	—	—	—
	05-10-93	35	—	—	—	—	—	—	—	—	—
	05-09-94	32	—	—	—	—	—	—	—	—	—
	05-13-94	34	—	—	—	—	—	—	—	—	—
	03-22-95	36	—	—	—	—	—	—	—	—	—
	03-27-95	35	—	—	—	—	—	—	—	—	—
	04-03-95	37	—	—	—	—	—	—	—	—	—
	04-10-95	33	—	—	—	—	—	—	—	—	—
	04-17-95	32	—	—	—	—	—	—	—	—	—
	04-24-95	33	—	—	—	—	—	—	—	—	—
	05-01-95	32	—	—	—	—	—	—	—	—	—
	05-16-95	36	—	—	—	—	—	—	—	—	—
	05-22-95	36	—	—	—	—	—	—	—	—	—
	02-13-96	39	—	—	—	—	—	—	—	—	—
	03-05-96	38	—	—	—	—	—	—	—	—	—
	03-12-96	42	—	—	—	—	—	—	—	—	—
	03-20-96	47	—	—	—	—	—	—	—	—	—
	03-25-96	40	—	—	—	—	—	—	—	—	—
	04-02-96	42	—	—	—	—	—	—	—	—	—
	04-08-96	37	—	—	—	—	—	—	—	—	—
	04-23-96	36	—	—	—	—	—	—	—	—	—
	04-30-96	32	—	—	—	—	—	—	—	—	—
	05-07-96	31	—	—	—	—	—	—	—	—	—
	05-14-96	33	—	—	—	—	—	—	—	—	—
	05-20-96	31	—	—	—	—	—	—	—	—	—
	05-28-96	34	—	—	—	—	—	—	—	—	—
	01-28-97	41	—	—	—	—	—	—	—	—	—
	02-03-97	40	—	—	—	—	—	—	—	—	—
	02-18-97	44	—	—	—	—	—	—	—	—	—
	03-04-97	50	—	—	—	—	—	—	—	—	—
	03-10-97	49	—	—	—	—	—	—	—	—	—
	03-18-97	42	—	—	—	—	—	—	—	—	—
	04-08-97	42	—	—	—	—	—	—	—	—	—
	04-15-97	39	—	—	—	—	—	—	—	—	—
	04-22-97	34	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
PARSHALL FLUME AT INFILTRATION POND	04-08-93	—	—	—	—	—	—	—	—	—
	04-13-93	—	—	—	—	—	—	—	—	—
	04-16-93	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—
	04-27-93	—	—	—	—	—	—	—	—	—
	05-03-93	—	—	—	—	—	—	—	—	—
	05-10-93	—	—	—	—	—	—	—	—	—
	05-09-94	—	—	—	—	—	—	—	—	—
	05-13-94	—	—	—	—	—	—	—	—	—
	03-22-95	—	—	—	—	—	—	—	—	—
	03-27-95	—	—	—	—	—	—	—	—	—
	04-03-95	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-24-95	—	—	—	—	—	—	—	—	—
	05-01-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-22-95	—	—	—	—	—	—	—	—	—
	02-13-96	—	—	—	—	—	—	—	—	—
	03-05-96	—	—	—	—	—	—	—	—	—
	03-12-96	—	—	—	—	—	—	—	—	—
	03-20-96	—	—	—	—	—	—	—	—	—
	03-25-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	01-28-97	—	—	—	—	—	—	—	—	—
	02-03-97	—	—	—	—	—	—	—	—	—
	02-18-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-10-97	—	—	—	—	—	—	—	—	—
	03-18-97	—	—	—	—	—	—	—	—	—
	04-08-97	—	—	—	—	—	—	—	—	—
	04-15-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
PARSHALL FLUME AT INFILTRATION POND	04-08-93	—	110	280	—	—	—	—	—	—
	04-13-93	—	K17	<1	—	—	—	—	—	—
	04-16-93	—	>200	>200	—	—	—	—	—	—
	04-21-93	—	K17	K24	—	—	—	—	—	—
	04-27-93	—	K23	K47	—	—	—	—	—	—
	05-03-93	—	K120	K300	—	—	—	—	—	—
	05-10-93	—	K760	170	—	—	—	—	—	—
	05-09-94	—	K340	K140	—	—	—	—	—	—
	05-13-94	—	K100	370	—	—	—	—	—	—
	03-22-95	—	K1700	K1500	—	—	—	—	—	—
	03-27-95	—	K67	760	—	—	—	—	—	—
	04-03-95	—	K12	K110	—	—	—	—	—	—
	04-10-95	—	K710	K730	—	—	—	—	—	—
	04-17-95	—	K80	430	—	—	—	—	—	—
	04-24-95	—	K50	130	—	—	—	—	—	—
	05-01-95	—	260	260	—	—	—	—	—	—
	05-16-95	—	K190	K160	—	—	—	—	—	—
	05-22-95	—	K250	K47	—	—	—	—	—	—
	02-13-96	—	K33	460	—	—	—	—	—	—
	03-05-96	—	K13	1100	—	—	—	—	—	—
	03-12-96	—	210	K1500	—	—	—	—	—	—
	03-20-96	—	K53	K3900	—	—	—	—	—	—
	03-25-96	—	K23	K150	—	—	—	—	—	—
	04-02-96	—	K100	K190	—	—	—	—	—	—
	04-08-96	—	K70	K110	—	—	—	—	—	—
	04-23-96	—	K83	K180	—	—	—	—	—	—
	04-30-96	—	120	K97	—	—	—	—	—	—
	05-07-96	—	300	97	—	—	—	—	—	—
	05-14-96	—	310	K67	—	—	—	—	—	—
	05-20-96	—	K93	K40	—	—	—	—	—	—
	05-28-96	—	410	310	—	—	—	—	—	—
	01-28-97	—	K170	530	—	—	—	—	—	—
	02-03-97	—	870	K230	—	—	—	—	—	—
	02-18-97	—	K250	K110	—	—	—	—	—	—
	03-04-97	—	K83	K260	—	—	—	—	—	—
	03-10-97	—	K4	K160	—	—	—	—	—	—
	03-18-97	—	K490	K1100	—	—	—	—	—	—
	04-08-97	—	K20	K910	—	—	—	—	—	—
	04-15-97	—	K44	K130	—	—	—	—	—	—
	04-22-97	—	K62	K67	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
PARSHALL FLUME AT INFILTRATION POND	13088415	04-29-97	9.0	765	1.7	97	8.2
		05-07-97	8.5	855	1.9	96	8.0
		05-13-97	12.0	720	1.6	94	8.1
		05-21-97	15.0	234	0.52	105	7.9
11S 19E 36CDD1	422501114105601	04-06-93	13.5	—	—	473	7.7
		04-08-93	14.0	—	—	499	7.7
		04-13-93	14.0	—	—	474	7.7
		04-21-93	14.0	—	—	493	7.8
		04-27-93	10.0	—	—	482	7.5
		05-03-93	10.0	—	—	460	7.4
		05-11-93	10.5	—	—	416	7.4
		05-18-93	11.0	—	—	405	7.3
		03-30-94	14.0	—	—	521	7.8
		05-04-94	13.0	—	—	646	7.7
		05-09-94	14.0	—	—	617	7.8
		05-17-94	12.5	—	—	672	7.6
		05-23-94	12.0	—	—	719	7.7
		02-08-95	10.5	—	—	653	7.5
		03-29-95	11.5	—	—	638	7.5
		04-03-95	11.5	—	—	640	7.5
		04-12-95	12.0	—	—	652	7.6
		04-19-95	12.0	—	—	665	7.6
		04-27-95	11.5	—	—	718	7.7
		05-03-95	14.0	—	—	615	7.6
		05-11-95	11.0	—	—	753	7.7
		05-17-95	12.0	—	—	728	7.8
		05-23-95	11.5	—	—	759	7.4
		01-30-96	12.5	—	—	609	7.2
		02-13-96	12.5	—	—	605	7.3
		02-27-96	12.0	—	—	590	7.2
		03-04-96	13.0	—	—	593	7.3
		03-12-96	11.5	—	—	590	7.2
		03-19-96	9.5	—	—	660	7.3
		03-27-96	9.5	—	—	682	7.5
		04-02-96	9.5	—	—	680	7.6
		04-09-96	10.5	—	—	684	7.4
		04-18-96	9.5	—	—	671	7.3
		04-24-96	10.5	—	—	630	7.3
		04-30-96	10.0	—	—	674	7.4
		05-07-96	10.0	—	—	668	7.0

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
PARSHALL FLUME AT INFILTRATION POND	04-29-97	37	—	—	—	—	—	—	—	—	—
	05-07-97	37	—	—	—	—	—	—	—	—	—
	05-13-97	35	—	—	—	—	—	—	—	—	—
	05-21-97	38	—	—	—	—	—	—	—	—	—
11S 19E 36CDD1	04-06-93	197	—	—	—	—	—	—	—	—	—
	04-08-93	211	—	—	—	—	—	—	—	—	—
	04-13-93	198	—	—	—	—	—	—	—	—	—
	04-21-93	181	—	—	—	—	—	—	—	—	—
	04-27-93	160	—	—	—	—	—	—	—	—	—
	05-03-93	146	—	—	—	—	—	—	—	—	—
	05-11-93	142	—	—	—	—	—	—	—	—	—
	05-18-93	142	—	—	—	—	—	—	—	—	—
	03-30-94	216	0.020	<0.010	—	0.20	—	7.90	0.12	0.040	190
	05-04-94	255	—	—	—	—	—	—	—	—	—
	05-09-94	233	—	—	—	—	—	—	—	—	—
	05-17-94	264	—	—	—	—	—	—	—	—	—
	05-23-94	276	—	—	—	—	—	—	—	—	—
	02-08-95	273	—	—	—	—	—	—	—	—	—
	03-29-95	266	<0.015	<0.010	—	<0.20	—	9.80	0.12	0.040	230
	04-03-95	261	—	—	—	—	—	—	—	—	—
	04-12-95	268	—	—	—	—	—	—	—	—	—
	04-19-95	254	—	—	—	—	—	—	—	—	—
	04-27-95	275	—	—	—	—	—	—	—	—	—
	05-03-95	249	—	—	—	—	—	—	—	—	—
	05-11-95	305	—	—	—	—	—	—	—	—	—
	05-17-95	316	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—	—
	01-30-96	251	—	—	—	—	—	—	—	—	—
	02-13-96	259	—	—	—	—	—	—	—	—	—
	02-27-96	247	<0.015	<0.010	—	<0.20	—	7.80	0.15	0.050	220
	03-04-96	237	—	—	—	—	—	—	—	—	—
	03-12-96	240	—	—	—	—	—	—	—	—	—
	03-19-96	272	—	—	—	—	—	—	—	—	—
	03-27-96	278	—	—	—	—	—	—	—	—	—
	04-02-96	275	—	—	—	—	—	—	—	—	—
	04-09-96	278	—	—	—	—	—	—	—	—	—
	04-18-96	278	—	—	—	—	—	—	—	—	—
	04-24-96	252	—	—	—	—	—	—	—	—	—
	04-30-96	279	—	—	—	—	—	—	—	—	—
	05-07-96	268	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
PARSHALL FLUME AT INFILTRATION POND	04-29-97	—	—	—	—	—	—	—	—	—
	05-07-97	—	—	—	—	—	—	—	—	—
	05-13-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—
11S 19E 36CDD1	04-06-93	—	—	—	—	—	—	—	—	—
	04-08-93	—	—	—	—	—	—	—	—	—
	04-13-93	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—
	04-27-93	—	—	—	—	—	—	—	—	—
	05-03-93	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—
	03-30-94	56	12	34	1	27	10	13	21	0.20
	05-04-94	—	—	—	—	—	—	—	—	—
	05-09-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-23-94	—	—	—	—	—	—	—	—	—
	02-08-95	—	—	—	—	—	—	—	—	—
	03-29-95	67	15	43	1	28	11	13	23	0.20
	04-03-95	—	—	—	—	—	—	—	—	—
	04-12-95	—	—	—	—	—	—	—	—	—
	04-19-95	—	—	—	—	—	—	—	—	—
	04-27-95	—	—	—	—	—	—	—	—	—
	05-03-95	—	—	—	—	—	—	—	—	—
	05-11-95	—	—	—	—	—	—	—	—	—
	05-17-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	01-30-96	—	—	—	—	—	—	—	—	—
	02-13-96	—	—	—	—	—	—	—	—	—
	02-27-96	65	14	39	1	27	12	12	22	0.20
	03-04-96	—	—	—	—	—	—	—	—	—
	03-12-96	—	—	—	—	—	—	—	—	—
	03-19-96	—	—	—	—	—	—	—	—	—
	03-27-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-24-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH SBELOW LAND SURFACE (WATER LEVEL) (FEET)
PARSHALL FLUME AT	04-29-97	—	K43	K97	—	—	—	—	—	—
INFILTRATION POND	05-07-97	—	K460	K100	—	—	—	—	—	—
	05-13-97	—	K280	K93	—	—	—	—	—	—
	05-21-97	—	K310	K150	—	—	—	—	—	—
11S 19E 36CDD1	04-06-93	—	<1	K3	—	—	—	4235	350.00	—
	04-08-93	—	<1	K13	—	—	—	4235	350.00	—
	04-13-93	—	<1	<1	—	—	—	4235	350.00	—
	04-21-93	—	K3	K2	—	—	—	4235	350.00	—
	04-27-93	—	K1	K3	—	—	—	4235	350.00	175.05
	05-03-93	—	<1	K3	—	—	—	4235	350.00	172.35
	05-11-93	—	K3	K2	—	—	—	4235	350.00	165.30
	05-18-93	—	<1	K1	—	—	—	4235	350.00	172.00
	03-30-94	48	<1	<1	359	0.49	0.03	4235	350.00	297.95
	05-04-94	—	<1	<1	—	—	—	4235	350.00	287.72
	05-09-94	—	<1	K2	—	—	—	4235	350.00	287.90
	05-17-94	—	<1	K1	—	—	—	4235	350.00	288.44
	05-23-94	—	<1	K1	—	—	—	4235	350.00	289.87
	02-08-95	—	<1	<1	—	—	—	4235	350.00	294.40
	03-29-95	44	<1	<1	419	0.57	—	4235	350.00	288.12
	04-03-95	—	<1	<1	—	—	—	4235	350.00	287.15
	04-12-95	—	<1	K1	—	—	—	4235	350.00	285.51
	04-19-95	—	<1	<1	—	—	—	4235	350.00	283.78
	04-27-95	—	<1	<1	—	—	—	4235	350.00	281.57
	05-03-95	—	<1	<1	—	—	—	4235	350.00	279.55
	05-11-95	—	<1	<1	—	—	—	4235	350.00	274.40
	05-17-95	—	<1	<1	—	—	—	4235	350.00	274.02
	05-23-95	—	K21	37	—	—	—	4235	350.00	243.39
	01-30-96	—	<1	<1	—	—	—	4235	350.00	—
	02-13-96	—	<1	88	—	—	—	4235	350.00	275.83
	02-27-96	48	<1	K6	364	0.50	—	4235	350.00	271.82
	03-04-96	—	<1	K3	—	—	—	4235	350.00	270.34
	03-12-96	—	<1	K3	—	—	—	4235	350.00	268.17
	03-19-96	—	<1	K4	—	—	—	4235	350.00	258.05
	03-27-96	—	<1	K2	—	—	—	4235	350.00	—
	04-02-96	—	<1	K2	—	—	—	4235	350.00	264.40
	04-09-96	—	<1	K1	—	—	—	4235	350.00	—
	04-18-96	—	<1	K3	—	—	—	4235	350.00	—
	04-24-96	—	<1	K1	—	—	—	4235	350.00	—
	04-30-96	—	<1	K2	—	—	—	4235	350.00	—
	05-07-96	—	<1	K1	—	—	—	4235	350.00	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 36CDD1	422501114105601	05-21-96	10.5	—	—	634	6.9
		05-29-96	10.5	—	—	653	6.9
		01-22-97	10.0	—	—	668	7.3
		02-03-97	10.5	—	—	744	6.9
		02-11-97	11.0	—	—	756	6.8
		02-19-97	11.0	—	—	757	7.1
		02-24-97	10.0	—	—	750	6.9
		03-04-97	8.5	—	—	732	6.9
		03-12-97	10.0	—	—	735	7.4
		03-18-97	12.0	—	—	712	6.9
		04-02-97	10.0	—	—	706	7.6
		04-16-97	10.0	—	—	733	7.2
		04-22-97	10.0	—	—	730	7.2
		04-29-97	10.0	—	—	758	7.1
		05-08-97	10.5	—	—	740	7.0
		05-13-97	10.5	—	—	768	7.2
		05-21-97	10.0	—	—	749	7.1
11S 19E 36DCD1	422504114103701	04-08-93	15.5	—	—	308	7.4
		04-13-93	15.5	—	—	312	7.3
		04-21-93	16.5	—	—	308	7.3
		04-27-93	17.0	—	—	316	7.2
		05-03-93	17.0	—	—	317	7.2
		05-11-93	18.0	—	—	317	7.1
		05-19-93	19.0	—	—	318	7.0
		03-10-94	15.5	—	—	332	7.3
		05-04-94	17.0	—	—	338	7.2
		05-09-94	20.5	—	—	330	7.0
		05-17-94	19.0	—	—	330	7.2
		05-23-94	20.5	—	—	330	7.1
		02-09-95	16.0	—	—	518	7.3
		03-28-95	14.5	—	—	515	7.2
		04-03-95	17.0	—	—	603	7.3
		04-11-95	16.5	—	—	574	7.3
		04-17-95	16.0	—	—	527	7.3
		04-25-95	16.5	—	—	472	7.3
		05-03-95	16.5	—	—	573	7.3
		05-11-95	15.0	—	—	562	7.3
		05-16-95	17.5	—	—	397	7.3
		05-23-95	16.5	—	—	382	7.3
		09-05-95	17.0	—	—	348	7.0

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	HARD-NESS TOTAL (MG/L AS CACO3)
11S 19E 36CDD1	05-21-96	261	—	—	—	—	—	—	—	—	—
	05-29-96	260	—	—	—	—	—	—	—	—	—
	01-22-97	323	—	—	—	—	—	—	—	—	—
	02-03-97	336	—	—	—	—	—	—	—	—	—
	02-11-97	330	—	—	—	—	—	—	—	—	—
	02-19-97	327	—	—	—	—	—	—	—	—	—
	02-24-97	330	—	—	—	—	—	—	—	—	—
	03-04-97	325	—	—	—	—	—	—	—	—	—
	03-12-97	318	—	—	—	—	—	—	—	—	—
	03-18-97	312	—	—	—	—	—	—	—	—	—
	04-02-97	306	—	—	—	—	—	—	—	—	—
	04-16-97	304	—	—	—	—	—	—	—	—	—
	04-22-97	298	—	—	—	—	—	—	—	—	—
	04-29-97	324	—	—	—	—	—	—	—	—	—
	05-08-97	318	—	—	—	—	—	—	—	—	—
	05-13-97	321	—	—	—	—	—	—	—	—	—
	05-21-97	313	—	—	—	—	—	—	—	—	—
11S 19E 36DCD1	04-08-93	98	—	—	—	—	—	—	—	—	—
	04-13-93	97	—	—	—	—	—	—	—	—	—
	04-21-93	98	—	—	—	—	—	—	—	—	—
	04-27-93	97	—	—	—	—	—	—	—	—	—
	05-03-93	93	—	—	—	—	—	—	—	—	—
	05-11-93	102	—	—	—	—	—	—	—	—	—
	05-19-93	97	—	—	—	—	—	—	—	—	—
	03-10-94	106	0.020	<0.010	—	<0.20	—	0.660	0.03	0.010	100
	05-04-94	98	—	—	—	—	—	—	—	—	—
	05-09-94	96	—	—	—	—	—	—	—	—	—
	05-17-94	99	—	—	—	—	—	—	—	—	—
	05-23-94	97	—	—	—	—	—	—	—	—	—
	02-09-95	113	—	—	—	—	—	—	—	—	—
	03-28-95	112	—	—	—	—	—	—	—	—	—
	04-03-95	118	—	—	—	—	—	—	—	—	—
	04-11-95	118	—	—	—	—	—	—	—	—	—
	04-17-95	112	—	—	—	—	—	—	—	—	—
	04-25-95	108	—	—	—	—	—	—	—	—	—
	05-03-95	112	—	—	—	—	—	—	—	—	—
	05-11-95	116	—	—	—	—	—	—	—	—	—
	05-16-95	101	—	—	—	—	—	—	—	—	—
	05-23-95	100	—	—	—	—	—	—	—	—	—
	09-05-95	101	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 36CDD1	05-21-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	02-03-97	—	—	—	—	—	—	—	—	—
	02-11-97	—	—	—	—	—	—	—	—	—
	02-19-97	—	—	—	—	—	—	—	—	—
	02-24-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-12-97	—	—	—	—	—	—	—	—	—
	03-18-97	—	—	—	—	—	—	—	—	—
	04-02-97	—	—	—	—	—	—	—	—	—
	04-16-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-08-97	—	—	—	—	—	—	—	—	—
	05-13-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—
11S 19E 36DCD1	04-08-93	—	—	—	—	—	—	—	—	—
	04-13-93	—	—	—	—	—	—	—	—	—
	04-21-93	—	—	—	—	—	—	—	—	—
	04-27-93	—	—	—	—	—	—	—	—	—
	05-03-93	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—
	05-19-93	—	—	—	—	—	—	—	—	—
	03-10-94	33	4.9	17	0.7	24	10	31	14	0.40
	05-04-94	—	—	—	—	—	—	—	—	—
	05-09-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-23-94	—	—	—	—	—	—	—	—	—
	02-09-95	—	—	—	—	—	—	—	—	—
	03-28-95	—	—	—	—	—	—	—	—	—
	04-03-95	—	—	—	—	—	—	—	—	—
	04-11-95	—	—	—	—	—	—	—	—	—
	04-17-95	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—
	05-03-95	—	—	—	—	—	—	—	—	—
	05-11-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	09-05-95	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 36CDD1	05-21-96	—	<1	<1	—	—	—	4235	350.00	—
	05-29-96	—	<1	K1	—	—	—	4235	350.00	—
	01-22-97	—	<1	K8	—	—	—	4235	350.00	—
	02-03-97	—	<1	39	—	—	—	4235	350.00	—
	02-11-97	—	<1	K19	—	—	—	4235	350.00	—
	02-19-97	—	<1	K7	—	—	—	4235	350.00	—
	02-24-97	—	<1	K6	—	—	—	4235	350.00	—
	03-04-97	—	<1	K3	—	—	—	4235	350.00	227.60
	03-12-97	—	<1	K2	—	—	—	4235	350.00	222.68
	03-18-97	—	<1	K3	—	—	—	4235	350.00	217.73
	04-02-97	—	<1	K6	—	—	—	4235	350.00	214.65
	04-16-97	—	<1	K1	—	—	—	4235	350.00	205.70
	04-22-97	—	<1	<1	—	—	—	4235	350.00	195.90
	04-29-97	—	<1	<1	—	—	—	4235	350.00	—
	05-08-97	—	<1	<1	—	—	—	4235	350.00	—
	05-13-97	—	<1	K1	—	—	—	4235	350.00	—
	05-21-97	—	<1	<1	—	—	—	4235	350.00	215.05
11S 19E 36DCD1	04-08-93	—	<1	<1	—	—	—	4233	—	256.95
	04-13-93	—	<1	<1	—	—	—	4233	—	256.12
	04-21-93	—	<1	<1	—	—	—	4233	—	255.54
	04-27-93	—	<1	<1	—	—	—	4233	—	254.76
	05-03-93	—	<1	<1	—	—	—	4233	—	255.19
	05-11-93	—	<1	<1	—	—	—	4233	—	254.08
	05-19-93	—	<1	<1	—	—	—	4233	—	255.14
	03-10-94	66	<1	<1	243	0.33	0.03	4233	—	253.44
	05-04-94	—	<1	<1	—	—	—	4233	—	250.40
	05-09-94	—	<1	<1	—	—	—	4233	—	253.60
	05-17-94	—	<1	<1	—	—	—	4233	—	256.60
	05-23-94	—	<1	<1	—	—	—	4233	—	259.45
	02-09-95	—	<1	K11	—	—	—	4233	—	258.65
	03-28-95	—	<1	<1	—	—	—	4233	—	251.55
	04-03-95	—	<1	<1	—	—	—	4233	—	249.80
	04-11-95	—	<1	<1	—	—	—	4233	—	248.40
	04-17-95	—	<1	<1	—	—	—	4233	—	246.95
	04-25-95	—	<1	<1	—	—	—	4233	—	245.70
	05-03-95	—	<1	<1	—	—	—	4233	—	244.48
	05-11-95	—	<1	<1	—	—	—	4233	—	243.02
	05-16-95	—	<1	<1	—	—	—	4233	—	245.48
	05-23-95	—	<1	<1	—	—	—	4233	—	245.44
	09-05-95	—	—	—	—	—	—	4233	—	263.23

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 36DCD1	422504114103701	01-30-96	14.0	—	—	348	7.0
		02-13-96	14.5	—	—	350	7.3
		02-26-96	12.5	—	—	350	7.2
		03-04-96	15.0	—	—	358	7.1
		03-12-96	19.0	—	—	333	6.9
		03-19-96	16.0	—	—	351	7.0
		03-26-96	16.5	—	—	343	7.2
		04-02-96	17.5	—	—	348	7.1
		04-09-96	17.5	—	—	351	7.2
		04-18-96	17.0	—	—	349	7.0
		04-23-96	18.0	—	—	348	7.2
		04-30-96	8.0	—	—	351	7.2
		05-07-96	18.0	—	—	347	7.0
		05-21-96	17.5	—	—	348	7.1
		05-28-96	18.0	—	—	357	7.0
		01-22-97	16.0	—	—	353	7.1
		01-27-97	13.0	—	—	353	7.3
		02-03-97	16.5	—	—	345	7.1
		02-10-97	16.0	—	—	342	6.7
		02-18-97	17.5	—	—	350	7.0
		02-24-97	17.0	—	—	344	7.0
		03-04-97	15.0	—	—	348	7.1
		03-10-97	17.0	—	—	351	7.0
		03-17-97	17.5	—	—	353	7.0
		04-01-97	12.0	—	—	352	7.2
		04-08-97	15.0	—	—	351	7.1
		04-22-97	17.5	—	—	353	7.1
		04-29-97	15.5	—	—	350	6.9
		05-08-97	16.0	—	—	345	7.5
		05-13-97	20.5	—	—	339	7.5
		05-21-97	19.0	—	—	355	7.5

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHATE, ORTHO, DIS-SOLVED (MG/L AS PO4)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P)	HARD-NESS TOTAL (MG/L AS CACO3)
11S 19E 36DCD1	01-30-96	96	—	—	—	—	—	—	—	—	—
	02-13-96	100	—	—	—	—	—	—	—	—	—
	02-26-96	99	—	—	—	—	—	—	—	—	—
	03-04-96	98	—	—	—	—	—	—	—	—	—
	03-12-96	98	—	—	—	—	—	—	—	—	—
	03-19-96	101	—	—	—	—	—	—	—	—	—
	03-26-96	98	—	—	—	—	—	—	—	—	—
	04-02-96	98	—	—	—	—	—	—	—	—	—
	04-09-96	101	—	—	—	—	—	—	—	—	—
	04-18-96	98	—	—	—	—	—	—	—	—	—
	04-23-96	101	—	—	—	—	—	—	—	—	—
	04-30-96	102	—	—	—	—	—	—	—	—	—
	05-07-96	98	—	—	—	—	—	—	—	—	—
	05-21-96	98	—	—	—	—	—	—	—	—	—
	05-28-96	99	—	—	—	—	—	—	—	—	—
	01-22-97	99	—	—	—	—	—	—	—	—	—
	01-27-97	99	—	—	—	—	—	—	—	—	—
	02-03-97	97	—	—	—	—	—	—	—	—	—
	02-10-97	98	—	—	—	—	—	—	—	—	—
	02-18-97	99	—	—	—	—	—	—	—	—	—
	02-24-97	100	—	—	—	—	—	—	—	—	—
	03-04-97	99	—	—	—	—	—	—	—	—	—
	03-10-97	102	—	—	—	—	—	—	—	—	—
	03-17-97	101	—	—	—	—	—	—	—	—	—
	04-01-97	101	—	—	—	—	—	—	—	—	—
	04-08-97	103	—	—	—	—	—	—	—	—	—
	04-22-97	96	—	—	—	—	—	—	—	—	—
	04-29-97	101	—	—	—	—	—	—	—	—	—
	05-08-97	103	—	—	—	—	—	—	—	—	—
	05-13-97	101	—	—	—	—	—	—	—	—	—
	05-21-97	103	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Dry Creek area, 1993 through June 1997 —Continued

SITE 5

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUOSULFATE DISSOLVED (MG/L AS SO4)	RIDE, DISSOLVED (MG/L AS F)
11S 19E 36DCD1	01-30-96	—	—	—	—	—	—	—	—	—
	02-13-96	—	—	—	—	—	—	—	—	—
	02-26-96	—	—	—	—	—	—	—	—	—
	03-04-96	—	—	—	—	—	—	—	—	—
	03-12-96	—	—	—	—	—	—	—	—	—
	03-19-96	—	—	—	—	—	—	—	—	—
	03-26-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-09-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-21-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	01-27-97	—	—	—	—	—	—	—	—	—
	02-03-97	—	—	—	—	—	—	—	—	—
	02-10-97	—	—	—	—	—	—	—	—	—
	02-18-97	—	—	—	—	—	—	—	—	—
	02-24-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-10-97	—	—	—	—	—	—	—	—	—
	03-17-97	—	—	—	—	—	—	—	—	—
	04-01-97	—	—	—	—	—	—	—	—	—
	04-08-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-08-97	—	—	—	—	—	—	—	—	—
	05-13-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	SILICA, DISSOLVED (MG/L AS SIO2)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 36DCD1	01-30-96	—	<1	<1	—	—	—	4233	—	—
	02-13-96	—	<1	<1	—	—	—	4233	—	247.82
	02-26-96	—	<1	<1	—	—	—	4233	—	243.78
	03-04-96	—	<1	<1	—	—	—	4233	—	243.55
	03-12-96	—	<1	<1	—	—	—	4233	—	243.00
	03-19-96	—	<1	<1	—	—	—	4233	—	241.14
	03-26-96	—	<1	<1	—	—	—	4233	—	240.18
	04-02-96	—	<1	K2	—	—	—	4233	—	239.40
	04-09-96	—	<1	<1	—	—	—	4233	—	238.12
	04-18-96	—	<1	<1	—	—	—	4233	—	237.14
	04-23-96	—	<1	K2	—	—	—	4233	—	237.00
	04-30-96	—	<1	<1	—	—	—	4233	—	236.49
	05-07-96	—	<1	<1	—	—	—	4233	—	236.51
	05-21-96	—	<1	<1	—	—	—	4233	—	236.78
	05-28-96	—	<1	<1	—	—	—	4233	—	236.32
	01-22-97	—	<1	<1	—	—	—	4233	—	249.06
	01-27-97	—	<1	<1	—	—	—	4233	—	248.60
	02-03-97	—	<1	<1	—	—	—	4233	—	249.34
	02-10-97	—	<1	<1	—	—	—	4233	—	246.86
	02-18-97	—	<1	<1	—	—	—	4233	—	246.06
	02-24-97	—	<1	<1	—	—	—	4233	—	246.00
	03-04-97	—	<1	<1	—	—	—	4233	—	244.77
	03-10-97	—	<1	<1	—	—	—	4233	—	244.40
	03-17-97	—	<1	<1	—	—	—	4233	—	243.38
	04-01-97	—	<1	<1	—	—	—	4233	—	239.95
	04-08-97	—	<1	<1	—	—	—	4233	—	238.71
	04-22-97	—	<1	K1	—	—	—	4233	—	235.55
	04-29-97	—	<1	<1	—	—	—	4233	—	236.21
	05-08-97	—	<1	K1	—	—	—	4233	—	237.01
	05-13-97	—	<1	K1	—	—	—	4233	—	—
	05-21-97	—	<1	<1	—	—	—	4233	—	240.02

Table 3. Mean daily flow for gaging station 13088400, Dry Creek near Artesian City, October 1993 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year; WTR YR, water year]

	October 1993–September 1994											
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	.66	1.1	e.85	e.95	e.80	e2.7	e5.7	e17	e9.2	e1.1	e.50	e.04
2	.65	1.1	e.90	e1.0	e.85	e3.2	e5.3	e18	e8.8	e1.0	e.55	e.04
3	.65	1.1	e.90	e1.1	e.90	e3.4	e5.5	e18	e8.0	e1.1	e.45	e.04
4	.62	1.1	e.95	e1.2	e.95	e3.3	e5.5	e19	e7.4	e1.1	e.35	e.04
5	.59	1.2	e1.0	e1.0	e1.0	e3.2	e5.7	e24	e6.8	e1.1	e.25	e.04
6	.61	1.1	e1.0	e1.1	e1.0	e3.0	e5.4	e25	e6.3	e1.3	e.20	e.03
7	.61	.98	e1.0	e1.1	e1.0	e3.3	e5.1	e28	e6.3	e1.1	e.15	e.03
8	.59	e1.0	e1.0	e1.1	e.95	e3.4	e4.9	e28	e6.3	e.90	e.15	e.02
9	.62	e1.0	e1.2	e1.1	e1.0	e3.4	e4.9	e28	e5.7	e.80	e.15	e.02
10	.65	e1.0	e1.1	e1.0	e1.1	e3.4	e5.2	e28	e5.1	e.75	e.10	e.02
11	.74	e.95	e.95	e1.0	e1.0	e3.4	e5.8	e28	e4.7	e.70	e.15	e.02
12	.70	e.95	e1.0	e1.0	e1.0	e3.5	e6.9	e27	e4.3	e.60	e.20	e.01
13	.70	e.90	e.95	e.95	e1.0	e3.8	e7.7	e26	e4.1	e.55	e.20	e.01
14	.74	e.90	e1.0	e1.0	e1.2	e4.0	e8.1	e24	e4.0	e.50	e.20	e.00
15	.79	e.95	e1.2	e1.0	e1.2	e4.2	e8.9	e24	e3.9	e.50	e.20	e.00
16	.94	e.90	e1.1	e1.0	e1.3	e4.5	e10	e23	e3.8	e.45	e.15	e.00
17	.92	e.85	e1.0	e1.0	e1.3	e4.7	e12	e20	e3.6	e.45	e.10	e.00
18	.95	e.90	e.95	e1.1	e1.4	e5.0	e14	e18	e3.4	e.40	e.10	e.00
19	.93	e.95	e.90	e1.1	e1.3	e5.2	e18	e18	e3.0	e.35	e.10	e.00
20	.91	e1.0	e.80	e1.1	e1.4	e5.2	e25	e17	e2.6	e.35	e.10	e.00
21	.90	e.95	e.75	e1.1	e1.4	e4.9	e26	e16	e2.4	e.30	e.05	e.00
22	.88	e.90	e.80	e1.0	e1.4	e5.0	e30	e16	e2.1	e.30	e.10	e.00
23	.88	e.80	e.80	e1.1	e1.6	e5.1	e29	e15	e2.0	e.30	e.10	e.00
24	.88	e.70	e.85	e1.2	e1.6	e4.9	e28	e14	e1.8	e.40	e.05	e.00
25	.95	e.60	e.95	e1.1	e1.8	e4.6	e27	e14	e1.7	e.40	e.05	e.00
26	.95	e.85	e.90	e1.1	e2.7	e4.2	e22	e14	e1.6	e.35	e.05	e.00
27	1.1	e.95	e.85	e1.0	e2.6	e4.2	e18	e14	e1.5	e.30	e.05	e.00
28	1.0	e.90	e.90	e.95	e2.5	e4.6	e18	e14	e1.4	e.30	e.05	.00
29	1.1	e.85	e.90	e.90	—	e5.2	e17	e10	e1.3	e.30	e.05	e.00
30	1.1	e.90	e.85	e.80	—	e5.8	e17	e9.7	e1.2	e.35	e.05	e.00
31	1.1	—	e.90	e.70	—	e6.0	—	e9.7	—	e.35	e.05	—
TOTAL	25.41	28.33	29.20	31.85	37.25	130.3	401.6	604.4	124.3	18.75	5.00	0.36
MEAN	.82	.94	.94	1.03	1.33	4.20	13.4	19.5	4.14	.60	.16	.012
MAX	1.1	1.2	1.2	1.2	2.7	6.0	30	28	9.2	1.3	.55	.04
MIN	.59	.60	.75	.70	.80	2.7	4.9	9.7	1.2	.30	.05	.00
AC-FT	50	56	58	63	74	258	797	1200	247	37	9.9	.7

CAL YR 1993:	TOTAL	112.28	MEAN	.80	MAX	1.2	MIN .40	AC-FT 223
WTR YR 1994:	TOTAL	1436.75	MEAN	3.94	MAX	30	MIN .00	AC-FT 2850

Table 3. Mean daily flow for gaging station 13088400, Dry Creek near Artesian City, October 1993 through June 1997—Continued

	October 1994–September 1995											
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	e.05	.86	1.3	.85	7.1	5.1	12	29	15	13	1.6	.80
2	e.05	.95	1.3	.98	7.6	4.9	12	36	15	12	1.5	.79
3	e.05	.95	1.2	.92	7.6	5.1	11	40	18	12	1.5	.77
4	e.10	.95	1.4	.92	7.6	4.9	12	42	15	11	1.5	.77
5	e.10	.95	1.3	1.0	7.0	4.6	14	44	21	9.7	1.3	.87
6	e.10	.95	1.2	.97	6.6	4.5	15	46	30	8.7	1.2	.87
7	e.10	.95	1.2	1.0	6.3	4.3	18	81	30	8.1	1.2	.87
8	e.15	.96	1.2	1.0	5.8	4.3	21	76	107	7.6	1.3	.86
9	e.15	.96	1.0	1.0	5.6	4.4	20	71	137	7.2	1.2	.86
10	e.15	.95	1.2	1.1	5.3	4.4	19	68	147	7.0	1.0	.86
11	e.15	.95	1.2	1.2	5.2	6.0	18	71	144	6.5	.97	.86
12	e.20	1.0	1.2	1.2	4.9	6.6	17	69	120	6.1	.99	.87
13	e.20	1.0	1.1	1.3	4.5	6.9	19	68	99	6.1	.97	.80
14	e.20	.95	1.1	1.6	4.2	7.1	20	57	84	5.6	.96	.73
15	e.20	.94	1.2	1.9	3.7	8.2	19	44	74	5.0	.92	.70
16	e.20	.95	1.2	1.5	3.8	8.8	18	44	63	4.6	.83	.65
17	e.25	.97	1.2	1.5	3.6	8.9	17	42	54	4.3	.87	.61
18	e.30	.93	1.2	1.3	3.9	9.5	17	38	50	3.9	.89	.56
19	e.35	.94	1.1	1.3	4.6	11	17	38	47	3.7	.88	.53
20	e.40	1.0	1.1	1.3	5.0	11	17	45	39	5.1	.81	.52
21	e.40	.97	1.1	1.3	5.2	20	17	32	35	3.7	.82	.51
22	e.45	.76	1.1	1.2	5.2	24	16	29	30	3.2	.93	.52
23	e.50	.93	1.1	1.2	5.0	25	16	28	25	3.1	1.1	.53
24	e.50	.96	1.1	1.2	5.1	23	16	25	23	3.1	1.0	.55
25	.55	.95	1.1	1.2	5.2	21	16	26	21	3.0	1.0	.57
26	.58	.91	1.2	1.3	5.3	19	17	22	19	2.6	.96	.53
27	.67	.89	1.2	1.3	5.3	17	18	20	18	2.4	.94	.55
28	.74	.91	1.2	1.5	5.2	16	19	18	16	2.1	.91	.57
29	.77	.93	1.1	1.8	—	14	24	18	14	1.9	.88	.57
30	.81	1.1	.91	2.0	—	13	28	16	13	1.9	.88	.57
31	.81	—	.89	5.0	—	13	—	16	—	1.9	.87	—
TOTAL	10.23	28.37	35.90	42.84	151.4	335.5	520	1299	1523	176.1	32.68	20.62
MEAN	.33	.95	1.16	1.38	5.41	10.8	17.3	41.9	50.8	5.68	1.05	.69
MAX	.81	1.1	1.4	5.0	7.6	25	28	81	147	13	1.6	.87
MIN	.05	.76	.89	.85	3.6	4.3	11	16	13	1.9	.81	.51
AC-FT	20	56	71	85	300	665	1030	2580	3020	349	65	41

CAL YR 1994:	TOTAL 1428.31	MEAN 3.91	MAX 30	MIN .00	AC-FT 2830			
WTR YR 1995:	TOTAL 4175.64	MEAN 11.4	MAX 1 47	MIN .05	AC-FT 8280			

Table 3. Mean daily flow for gaging station 13088400, Dry Creek near Artesian City, October 1993 through June 1997—Continued

	October 1995–September 1996											
Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
1	.57	1.0	1.7	4.4	1.4	6.4	17	62	42	4.8	1.0	.17
2	.57	.91	2.1	3.5	1.7	5.9	20	65	39	4.2	.95	.18
3	.58	.89	1.8	3.7	1.7	6.3	21	65	36	3.8	.96	.18
4	.59	.95	2.5	3.6	1.8	25	22	59	33	4.2	.97	.18
5	.62	.95	2.9	3.3	2.3	27	23	55	29	4.0	.90	.18
6	.62	1.0	3.3	3.0	2.4	24	25	51	27	3.7	.87	.22
7	.62	1.0	2.8	3.0	20	21	30	48	24	3.3	.87	.25
8	.61	1.1	2.1	3.0	27	18	40	47	22	3.1	.80	.22
9	.58	1.5	2.4	3.2	28	17	58	45	20	2.8	.73	.19
10	.58	1.4	2.3	4.2	25	19	77	41	18	2.6	.68	.18
11	.57	1.4	2.9	4.2	19	23	79	39	16	2.4	.63	.19
12	.58	2.2	5.1	4.0	17	27	74	37	15	2.1	.58	.30
13	.65	2.2	8.0	4.0	14	27	63	36	14	1.9	.56	.28
14	.70	1.8	7.7	3.6	13	25	54	36	13	1.8	.62	.28
15	.69	1.6	7.0	3.4	12	23	47	37	12	1.7	.61	.30
16	.67	1.4	6.2	3.9	12	23	47	46	12	2.0	.53	.47
17	.73	1.4	5.6	4.0	12	21	46	43	11	2.1	.49	.46
18	.74	1.3	4.8	3.8	17	20	44	46	9.8	2.1	.44	.49
19	.79	1.2	4.3	3.8	18	19	40	44	9.2	1.8	.46	.50
20	.83	1.3	4.3	3.6	16	19	38	41	8.5	1.7	.40	.54
21	.84	1.3	4.3	3.8	15	20	34	37	8.3	1.5	.36	.50
22	.86	1.3	3.0	3.5	15	22	31	37	7.8	1.4	.34	.54
23	.88	1.2	2.4	2.9	13	23	29	33	7.3	1.3	.31	.59
24	.87	1.2	2.2	2.8	12	22	36	30	7.0	1.2	.26	.60
25	.90	1.3	1.9	2.9	11	20	41	29	6.9	1.1	.24	.60
26	.91	1.6	1.8	2.5	9.8	19	53	26	6.6	1.0	.22	.64
27	.95	1.5	1.6	2.2	8.3	18	64	28	6.3	.93	.20	.66
28	.94	1.5	1.8	2.1	7.5	17	65	40	6.8	.90	.20	.65
29	.94	2.0	1.7	2.4	7.0	16	61	43	6.0	.97	.21	.61
30	.95	1.8	3.5	2.4	—	16	60	44	5.1	.99	.20	.58
31	1.0	—	8.8	2.0	—	16	—	44	—	1.0	.19	—
TOTAL	22.93	41.20	112.8	102.7	359.9	605.6	1339	1334	478.6	68.39	16.78	11.73
MEAN	.74	1.37	3.64	3.31	12.4	19.5	44.6	43.0	16.0	2.21	.54	.39
MAX	1.0	2.2	8.8	4.4	28	27	79	65	42	4.8	1.0	.66
MIN	.57	.89	1.6	2.0	1.4	5.9	17	26	5.1	.90	.19	.17
AC-FT	45	82	224	204	714	1200	2660	2650	949	136	33	23

CAL YR 1995:	TOTAL	4278.07	MEAN	11.7	MAX	147	MIN	.51	AC-FT	8490
WTR YR 1996:	TOTAL	4493.63	MEAN	12.3	MAX	79	MIN	.17	AC-FT	8910

Table 3. Mean daily flow for gaging station 13088400, Dry Creek near Artesian City, October 1993 through June 1997—Continued

	October 1996–June 1997								
Day	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	.60	1.6	1.9	38	31	5.7	31	100	18
2	.64	1.6	1.5	71	28	5.6	32	92	18
3	.65	1.7	1.6	82	22	5.2	29	82	18
4	.66	1.7	1.6	62	19	4.9	27	82	16
5	.69	1.7	2.3	44	17	5.0	27	91	18
6	.70	1.7	2.0	32	15	4.9	26	102	17
7	.71	1.8	2.0	27	13	5.1	25	105	16
8	.71	1.8	2.2	21	12	5.4	23	110	16
9	.72	1.8	2.4	18	11	5.0	24	110	14
10	.70	1.8	2.5	16	10	6.3	23	106	14
11	.68	1.8	2.9	15	9.5	8.2	23	107	13
12	.70	1.9	3.7	11	9.2	9.7	24	108	16
13	.73	1.9	6.0	12	8.8	10	24	103	16
14	.71	2.0	6.6	12	8.8	10	25	100	14
15	.83	2.1	6.4	11	9.9	10	27	96	12
16	.97	2.3	6.7	9.7	8.6	10	35	80	11
17	1.1	2.3	5.6	9.3	8.8	12	55	74	10
18	1.2	2.8	5.4	9.6	8.8	15	88	71	9.6
19	1.3	3.4	5.3	9.8	8.9	18	111	60	9.0
20	1.3	2.8	5.2	9.7	9.0	25	127	54	8.5
21	1.3	2.2	4.8	9.1	8.5	33	128	52	8.1
22	1.3	2.3	4.5	8.9	7.8	40	114	47	7.5
23	1.4	2.4	4.2	8.4	7.2	41	113	41	7.2
24	1.6	2.0	3.9	7.9	7.4	42	103	42	7.0
25	2.0	2.1	4.1	8.9	7.3	40	95	37	6.7
26	1.9	1.7	26	22	7.4	38	95	31	6.2
27	1.7	1.7	65	25	7.4	45	93	26	5.9
28	1.7	1.7	34	22	7.3	43	103	25	5.8
29	1.7	1.7	35	24	—	37	109	23	5.8
30	1.6	1.7	35	18	—	32	105	21	5.8
31	1.6	—	34	22	—	30	—	19	—
TOTAL	34.10	60.0	324.3	696.3	328.6	602.0	1864	2197	350.1
MEAN	1.10	2.00	10.5	22.5	11.7	19.4	62.1	70.9	11.7
MAX	2.0	3.4	65	82	31	45	128	110	18
MIN	.60	1.6	1.5	7.9	7.2	4.9	23	19	5.8
AC-FT	68	119	643	1380	652	1190	3700	4360	694

CAL YR 1996:	TOTAL	4735.10	MEAN	12.9	MAX	79	MIN	.17	AC-FT	9390
WTR YR 1997 to date:	TOTAL	6456.40	MEAN	—	MAX	128	MIN	.60	AC-FT	12806

Table 4. Mean daily rates of injection for gaging station 13088412, Dry Creek injection site 3 near Artesian City, 12S-20E-6BAC2, 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.16	—	—	—	—	—	—	—
2	—	—	—	.00	.06	—	—	—	—	—	—	—
3	—	—	—	.00	.71	—	—	—	—	—	—	—
4	—	—	—	.00	.95	—	—	—	—	—	—	—
5	—	—	—	.00	.00	—	—	—	—	—	—	—
6	—	—	—	.00	.00	—	—	—	—	—	—	—
7	—	—	—	.00	.00	—	—	—	—	—	—	—
8	—	—	—	.00	.00	—	—	—	—	—	—	—
9	—	—	—	.00	.00	—	—	—	—	—	—	—
10	—	—	—	.00	.00	—	—	—	—	—	—	—
11	—	—	—	.00	.00	—	—	—	—	—	—	—
12	—	—	—	.00	.00	—	—	—	—	—	—	—
13	—	—	—	.00	.00	—	—	—	—	—	—	—
14	—	—	—	.00	.00	—	—	—	—	—	—	—
15	—	—	—	1.4	.00	—	—	—	—	—	—	—
16	—	—	—	3.5	.00	—	—	—	—	—	—	—
17	—	—	—	3.3	.00	—	—	—	—	—	—	—
18	—	—	—	.94	.00	—	—	—	—	—	—	—
19	—	—	—	.02	.00	—	—	—	—	—	—	—
20	—	—	—	.00	.00	—	—	—	—	—	—	—
21	—	—	—	.00	.00	—	—	—	—	—	—	—
22	—	—	—	.00	.00	—	—	—	—	—	—	—
23	—	—	—	.00	.00	—	—	—	—	—	—	—
24	—	—	—	.00	.00	—	—	—	—	—	—	—
25	—	—	—	.00	.00	—	—	—	—	—	—	—
26	—	—	—	.00	.00	—	—	—	—	—	—	—
27	—	—	—	.01	.00	—	—	—	—	—	—	—
28	—	—	—	.18	.00	—	—	—	—	—	—	—
29	—	—	—	.17	.00	—	—	—	—	—	—	—
30	—	—	—	.26	.00	—	—	—	—	—	—	—
31	—	—	—	—	.00	—	—	—	—	—	—	—
TOTAL	—	—	—	9.78	1.88	—	—	—	—	—	—	—
MEAN	—	—	—	.33	.061	—	—	—	—	—	—	—
MAX	—	—	—	3.5	.95	—	—	—	—	—	—	—
MIN	—	—	—	.00	.00	—	—	—	—	—	—	—
AC-FT	—	—	—	19	3.7	—	—	—	—	—	—	—

CAL YR 1994: TOTAL 11.66 MEAN .18 MAX 3.5 MIN .00 AC-FT 23

Table 4. Mean daily rates of injection for gaging station 13088412, Dry Creek injection site 3 near Artesian City, 12S-20E-6BAC2, 1994 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
					1995							
1	—	.00	.00	.00	.46	.03	.00	—	—	—	—	—
2	—	.00	.00	.00	.23	.00	.00	—	—	—	—	—
3	—	.00	.00	.00	.00	1.8	.00	—	—	—	—	—
4	—	.00	.00	.60	.00	4.6	.00	—	—	—	—	—
5	—	.00	.00	3.5	.00	4.2	.00	—	—	—	—	—
6	—	.65	.00	4.7	.00	5.5	.00	—	—	—	—	—
7	—	.90	.00	4.5	.00	5.8	.00	—	—	—	—	—
8	—	.15	.00	4.0	.00	5.4	.00	—	—	—	—	—
9	—	.00	.00	2.1	.00	3.9	.00	—	—	—	—	—
10	—	.00	.00	2.8	.00	3.3	.00	—	—	—	—	—
11	—	.00	.00	3.4	.00	3.2	.00	—	—	—	—	—
12	—	.00	.00	2.7	.00	3.1	.00	—	—	—	—	—
13	—	.00	.00	3.0	.06	3.1	.00	—	—	—	—	—
14	—	.00	.00	3.5	.02	3.0	.00	—	—	—	—	—
15	—	.00	.38	3.1	.00	1.8	.00	—	—	—	—	—
16	—	.00	1.2	3.1	.71	.12	.00	—	—	—	—	—
17	—	.00	1.5	2.9	1.7	.00	.00	—	—	—	—	—
18	—	.00	1.5	2.6	.65	.00	.00	—	—	—	—	—
19	—	.00	1.5	2.7	1.0	.00	.00	—	—	—	—	—
20	—	.00	1.6	2.7	2.2	.00	.00	—	—	—	—	—
21	—	.00	2.1	2.5	2.2	.00	.00	—	—	—	—	—
22	—	.00	1.8	2.7	4.9	.00	.00	—	—	—	—	—
23	—	.00	2.6	2.0	5.0	.00	.00	—	—	—	—	—
24	—	.00	4.5	1.7	5.2	.00	.00	—	—	—	—	—
25	—	.00	5.1	1.4	5.3	.00	.00	—	—	—	—	—
26	—	.00	4.8	2.2	5.2	.00	.00	—	—	—	—	—
27	—	.00	3.1	3.1	5.5	.00	.00	—	—	—	—	—
28	—	.00	1.7	3.0	5.5	.00	.00	—	—	—	—	—
29	—	—	1.6	2.7	4.8	.00	.00	—	—	—	—	—
30	—	—	.70	2.4	4.5	.00	.00	—	—	—	—	—
31	—	—	.00	—	3.0	—	.00	—	—	—	—	—
TOTAL	—	1.70	35.68	75.60	58.13	48.85	0.00	—	—	—	—	—
MEAN	—	.061	1.15	2.52	1.88	1.63	.000	—	—	—	—	—
MAX	—	.90	5.1	4.7	5.5	5.8	.00	—	—	—	—	—
MIN	—	.00	.00	.00	.00	.00	.00	—	—	—	—	—
AC-FT	—	3.4	71	150	115	97	.00	—	—	—	—	—

CAL YR 1995: TOTAL 219.96 MEAN 1.18 MAX 5.8 MIN .00 AC-FT 436

Table 4. Mean daily rates of injection for gaging station 13088412, Dry Creek injection site 3 near Artesian City, 12S-20E-6BAC2, 1994 through June 1997—Continued

	1996											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	.00	2.6	e2.4	.00	.00	—	—	—	—	—	—
2	—	.00	1.1	e2.6	.00	.00	—	—	—	—	—	—
3	—	.00	2.7	e2.6	.00	.00	—	—	—	—	—	—
4	—	.00	2.9	e2.9	.00	.00	—	—	—	—	—	—
5	—	.00	3.0	e2.6	.00	.00	—	—	—	—	—	—
6	—	.00	3.0	e2.6	.00	.00	—	—	—	—	—	—
7	—	.00	3.0	e2.6	.00	.00	—	—	—	—	—	—
8	—	.00	3.0	e2.6	.00	.00	—	—	—	—	—	—
9	—	.00	3.0	e2.6	.00	.00	—	—	—	—	—	—
10	—	.00	3.0	e2.6	.00	.00	—	—	—	—	—	—
11	—	.00	2.7	e2.6	.00	.00	—	—	—	—	—	—
12	—	1.3	2.6	e2.6	.00	.00	—	—	—	—	—	—
13	—	2.7	2.9	e2.8	.00	.00	—	—	—	—	—	—
14	—	2.6	2.9	e2.7	.00	.00	—	—	—	—	—	—
15	—	2.4	3.0	e2.7	.00	.00	—	—	—	—	—	—
16	—	2.1	3.3	e2.8	.00	.00	—	—	—	—	—	—
17	—	.50	3.3	e2.8	.00	.00	—	—	—	—	—	—
18	—	2.5	2.1	e2.8	.00	.00	—	—	—	—	—	—
19	—	2.8	.00	e2.8	.00	.00	—	—	—	—	—	—
20	—	2.8	.75	e2.8	.54	.00	—	—	—	—	—	—
21	—	2.8	2.9	2.7	.00	.00	—	—	—	—	—	—
22	—	2.8	2.8	2.7	.00	.00	—	—	—	—	—	—
23	—	2.9	3.0	2.7	.00	.00	—	—	—	—	—	—
24	—	2.8	3.0	2.7	.00	.00	—	—	—	—	—	—
25	—	2.1	2.8	2.7	.00	.00	—	—	—	—	—	—
26	—	1.4	2.8	2.7	.00	.00	—	—	—	—	—	—
27	—	2.7	e2.8	2.7	.14	.00	—	—	—	—	—	—
28	—	2.8	e2.8	2.7	2.2	.00	—	—	—	—	—	—
29	—	2.8	e2.8	1.9	1.0	.00	—	—	—	—	—	—
30	—	—	e2.8	.00	.00	.00	—	—	—	—	—	—
31	—	—	e2.8	—	.00	—	—	—	—	—	—	—
TOTAL	—	42.80	82.15	77.00	3.88	0.00	—	—	—	—	—	—
MEAN	—	1.48	2.65	2.57	.13	.000	—	—	—	—	—	—
MAX	—	2.9	3.3	2.9	2.2	.00	—	—	—	—	—	—
MIN	—	.00	.00	.00	.00	.00	—	—	—	—	—	—
AC-FT	—	85	163	153	7.7	.00	—	—	—	—	—	—

CAL YR 1996: TOTAL 205.83 MEAN 1.36 MAX 3.3 MIN .00 AC-FT 408

Table 4. Mean daily rates of injection for gaging station 13088412, Dry Creek injection site 3 near Artesian City, 12S-20E-6BAC2, 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	.00	2.6	.17	.00	2.8	.00
2	.00	2.6	.00	.00	2.7	.00
3	.00	2.6	.00	.00	2.7	.00
4	.00	2.7	.00	.00	2.7	.00
5	.00	2.5	.00	.00	2.7	.00
6	.00	1.5	.00	.00	2.7	.00
7	.00	2.7	.00	.43	2.7	.00
8	.77	2.6	.00	.00	2.7	.00
9	2.2	2.5	.00	1.6	.98	.00
10	2.2	2.5	.04	2.4	.00	.00
11	2.2	2.4	.00	2.6	.00	.00
12	2.1	2.1	.00	2.7	.00	1.7
13	2.2	.00	.00	2.6	.00	2.6
14	2.4	.00	.00	2.6	.00	2.5
15	2.6	.00	.00	2.6	.00	2.3
16	2.7	.00	.00	2.1	.00	2.3
17	2.7	.00	.00	2.0	.00	1.4
18	2.7	1.3	1.2	2.5	.00	.00
19	1.8	2.3	2.0	2.5	.00	.00
20	2.6	2.4	.00	2.5	.00	.00
21	2.7	2.4	.00	2.6	.00	.00
22	2.5	.98	.00	2.7	.00	.00
23	2.7	.00	.00	2.8	.00	.00
24	1.9	.00	.03	2.9	.00	.00
25	.52	.00	.00	3.0	.00	.00
26	.00	.84	.00	2.9	.00	.00
27	.61	.00	.00	2.9	.00	.00
28	2.2	.38	.00	2.9	.00	.00
29	2.4	—	.00	2.8	.00	.00
30	2.4	—	.00	2.8	.00	.00
31	2.5	—	.00	—	.01	—
TOTAL	49.60	39.90	3.44	57.43	22.69	12.80
MEAN	1.60	1.43	.11	1.91	.73	.43
MAX	2.7	2.7	2.0	3.0	2.8	2.6
MIN	.00	.00	.00	.00	.00	.00
AC-FT	98	79	6.8	114	45	25

CAL YR 1997 to date: TOTAL 185.86 MAX 3.0 MIN .00 AC-FT 368

Table 5. Mean daily rates of injection for gaging station 130884125, Dry Creek injection site 3 near Artesian City, 12S-20E-6BBD3, January 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.59	—	—	—	—	—	—	—
2	—	—	—	.00	1.5	—	—	—	—	—	—	—
3	—	—	—	.00	.83	—	—	—	—	—	—	—
4	—	—	—	.00	.37	—	—	—	—	—	—	—
5	—	—	—	.00	1.3	—	—	—	—	—	—	—
6	—	—	—	.00	1.3	—	—	—	—	—	—	—
7	—	—	—	.00	1.3	—	—	—	—	—	—	—
8	—	—	—	.00	1.3	—	—	—	—	—	—	—
9	—	—	—	.00	.40	—	—	—	—	—	—	—
10	—	—	—	.00	.00	—	—	—	—	—	—	—
11	—	—	—	.00	.00	—	—	—	—	—	—	—
12	—	—	—	.00	.00	—	—	—	—	—	—	—
13	—	—	—	.00	.00	—	—	—	—	—	—	—
14	—	—	—	1.1	.00	—	—	—	—	—	—	—
15	—	—	—	1.9	.00	—	—	—	—	—	—	—
16	—	—	—	1.1	.00	—	—	—	—	—	—	—
17	—	—	—	1.2	.00	—	—	—	—	—	—	—
18	—	—	—	2.0	.00	—	—	—	—	—	—	—
19	—	—	—	1.8	.00	—	—	—	—	—	—	—
20	—	—	—	.60	.00	—	—	—	—	—	—	—
21	—	—	—	.00	.00	—	—	—	—	—	—	—
22	—	—	—	.00	.00	—	—	—	—	—	—	—
23	—	—	—	S.00	.00	—	—	—	—	—	—	—
24	—	—	—	.00	.00	—	—	—	—	—	—	—
25	—	—	—	.00	.00	—	—	—	—	—	—	—
26	—	—	—	.89	.00	—	—	—	—	—	—	—
27	—	—	—	.80	.00	—	—	—	—	—	—	—
28	—	—	—	.18	.00	—	—	—	—	—	—	—
29	—	—	—	.03	.00	—	—	—	—	—	—	—
30	—	—	—	.22	.00	—	—	—	—	—	—	—
31	—	—	—	—	.00	—	—	—	—	—	—	—
TOTAL	—	—	—	11.82	8.89	—	—	—	—	—	—	—
MEAN	—	—	—	.39	.29	—	—	—	—	—	—	—
MAX	—	—	—	2.0	1.5	—	—	—	—	—	—	—
MIN	—	—	—	.00	.00	—	—	—	—	—	—	—
AC-FT	—	—	—	23	18	—	—	—	—	—	—	—

CAL YR 1994: TOTAL 20.71 MEAN .32 MAX 2.0 MIN .00 AC-FT 41

Table 5. Mean daily rates of injection for gaging station 130884125, Dry Creek injection site 3 near Artesian City, 12S-20E-6BBD3, January 1994 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
						1995						
1	—	.00	.00	.00	.14	.02	.14	—	—	—	—	—
2	—	.00	.00	.00	.00	.00	.00	—	—	—	—	—
3	—	.00	.00	.00	.00	1.4	.00	—	—	—	—	—
4	—	.00	.00	.00	.00	3.1	.00	—	—	—	—	—
5	—	.00	.00	.00	.00	1.6	.00	—	—	—	—	—
6	—	.05	.00	.24	.00	2.1	.00	—	—	—	—	—
7	—	.37	.00	.77	.00	4.2	.00	—	—	—	—	—
8	—	.56	.00	1.4	.00	4.4	.00	—	—	—	—	—
9	—	.00	.00	1.6	.00	3.8	.00	—	—	—	—	—
10	—	.00	.00	1.6	.00	3.5	.00	—	—	—	—	—
11	—	.00	.00	1.3	.00	3.4	.00	—	—	—	—	—
12	—	.00	.00	1.6	.75	3.3	.00	—	—	—	—	—
13	—	.00	.00	1.6	3.6	3.3	.00	—	—	—	—	—
14	—	.00	.05	1.5	4.6	3.3	.00	—	—	—	—	—
15	—	.00	.21	1.5	4.2	2.4	.00	—	—	—	—	—
16	—	.00	1.0	1.6	4.5	.08	.00	—	—	—	—	—
17	—	.00	1.6	1.5	6.0	.00	.00	—	—	—	—	—
18	—	.00	1.6	1.5	5.4	.00	.00	—	—	—	—	—
19	—	.00	1.6	1.4	4.0	.00	.00	—	—	—	—	—
20	—	.00	1.6	1.4	2.9	.00	.00	—	—	—	—	—
21	—	.00	2.1	1.4	2.6	.04	.00	—	—	—	—	—
22	—	.00	2.5	1.5	2.5	.25	.00	—	—	—	—	—
23	—	.00	2.4	1.5	3.1	.00	.00	—	—	—	—	—
24	—	.00	2.3	1.6	3.4	.00	.00	—	—	—	—	—
25	—	.00	1.3	1.3	2.9	.00	.00	—	—	—	—	—
26	—	.00	.93	1.2	2.0	.00	.00	—	—	—	—	—
27	—	.00	.52	1.2	.96	.00	.00	—	—	—	—	—
28	—	.00	.72	1.2	.89	.00	.00	—	—	—	—	—
29	—	—	1.5	1.1	.88	.00	.00	—	—	—	—	—
30	—	—	1.1	.14	.78	.00	.00	—	—	—	—	—
31	—	—	.07	—	.00	—	.00	—	—	—	—	—
TOTAL	0.00	0.98	23.10	32.65	56.10	40.19	0.14	—	—	—	—	—
MEAN	.00	.035	.75	1.09	1.81	1.34	.005	—	—	—	—	—
MAX	.00	.56	2.5	1.6	6.0	4.4	.14	—	—	—	—	—
MIN	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	—
AC-FT	.00	1.9	46	65	111	80	.3	—	—	—	—	—

CAL YR 1995: TOTAL 153.16 MEAN .82 MAX 6.0 MIN .00 AC-FT 304

Table 5. Mean daily rates of injection for gaging station 130884125, Dry Creek injection site 3 near Artesian City, 12S-20E-6BBD3, January 1994 through June 1997—Continued

Day	1996 Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	.00	1.9	2.4	.00	.00	—	—	—	—	—	—
2	—	.00	1.1	4.3	.00	.00	—	—	—	—	—	—
3	—	.00	1.2	5.6	.00	.00	—	—	—	—	—	—
4	—	.00	2.9	5.8	.00	.00	—	—	—	—	—	—
5	—	.00	4.6	4.3	.00	.00	—	—	—	—	—	—
6	—	.00	4.7	3.9	.00	.00	—	—	—	—	—	—
7	—	.03	4.5	3.8	.00	.00	—	—	—	—	—	—
8	—	.20	4.6	3.7	.00	.00	—	—	—	—	—	—
9	—	.42	1.6	3.6	.00	.00	—	—	—	—	—	—
10	—	.52	.00	3.7	.00	.00	—	—	—	—	—	—
11	—	.74	.76	3.6	.00	.00	—	—	—	—	—	—
12	—	3.0	1.6	3.6	.00	.00	—	—	—	—	—	—
13	—	5.1	4.5	3.6	.00	.00	—	—	—	—	—	—
14	—	5.1	4.5	3.6	.00	.00	—	—	—	—	—	—
15	—	3.5	4.6	3.6	.00	.00	—	—	—	—	—	—
16	—	2.9	4.2	3.6	.00	.00	—	—	—	—	—	—
17	—	3.2	4.1	3.6	.00	.00	—	—	—	—	—	—
18	—	1.7	2.6	3.6	.00	.00	—	—	—	—	—	—
19	—	2.8	.00	3.6	.00	.00	—	—	—	—	—	—
20	—	3.2	.68	3.5	1.9	.00	—	—	—	—	—	—
21	—	2.6	.90	3.5	4.9	.00	—	—	—	—	—	—
22	—	2.3	.46	3.5	5.0	.00	—	—	—	—	—	—
23	—	1.6	.45	3.5	5.4	.00	—	—	—	—	—	—
24	—	1.2	.33	3.5	5.0	.00	—	—	—	—	—	—
25	—	1.5	.32	3.5	5.2	.00	—	—	—	—	—	—
26	—	3.2	.26	3.5	4.9	.00	—	—	—	—	—	—
27	—	3.0	2.1	3.5	5.3	.00	—	—	—	—	—	—
28	—	2.7	4.9	3.5	5.3	.00	—	—	—	—	—	—
29	—	2.7	5.1	2.3	2.2	.00	—	—	—	—	—	—
30	—	—	4.1	.00	.00	.00	—	—	—	—	—	—
31	—	—	4.6	—	.00	—	—	—	—	—	—	—
TOTAL	—	53.21	78.16	107.30	45.10	0.00	—	—	—	—	—	—
MEAN	—	1.83	2.52	3.58	1.45	.000	—	—	—	—	—	—
MAX	—	5.1	5.1	5.8	5.4	.00	—	—	—	—	—	—
MIN	—	.00	.00	.00	.00	.00	—	—	—	—	—	—
AC-FT	—	106	155	213	89	.00	—	—	—	—	—	—

CAL YR 1996: TOTAL 283.77 MEAN 1.88 MAX 5.8 MIN .00 AC-FT 563

Table 5. Mean daily rates of injection for gaging station 130884125, Dry Creek injection site 3 near Artesian City, 12S-20E-6BBD3, January 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	.00	3.6	.21	.00	3.5	.00
2	.00	4.5	.00	.00	3.5	.00
3	.00	4.8	.00	.00	3.3	.00
4	.00	5.3	.00	.00	3.5	.00
5	.00	5.9	.00	.00	3.5	.00
6	.00	5.8	.00	.00	3.5	.00
7	.00	5.5	.00	1.4	3.5	.00
8	.67	4.8	.00	4.6	3.4	.00
9	1.7	3.1	.00	2.6	1.3	.00
10	1.6	1.8	.77	2.1	.00	.00
11	1.4	1.1	1.5	4.8	.00	.00
12	1.2	.75	1.3	5.3	.00	3.8
13	1.5	1.8	1.4	5.2	.00	6.3
14	2.6	3.0	1.3	5.2	.00	5.4
15	4.1	3.4	1.3	5.2	.00	3.5
16	5.2	3.5	1.4	5.2	.00	3.7
17	5.4	3.6	1.6	5.2	.00	1.3
18	5.5	2.6	1.5	5.2	.00	.00
19	5.4	1.5	1.5	5.1	.00	.00
20	4.6	1.7	3.3	5.1	.00	.00
21	4.3	1.7	4.3	5.6	.00	.00
22	4.1	1.7	3.4	5.4	.00	.00
23	3.7	2.9	3.6	4.2	.00	.00
24	1.2	2.8	2.9	4.1	.00	.00
25	1.3	2.3	.00	3.9	.00	.00
26	1.9	1.6	.00	3.8	.00	.00
27	1.6	1.6	.00	3.7	.00	.00
28	1.3	.51	.00	3.6	.00	.00
29	1.7	—	.00	3.6	.00	.00
30	2.1	—	.00	3.5	.00	.00
31	2.4	—	.00	—	.00	—
TOTAL	66.47	83.16	31.28	103.60	29.00	24.00
MEAN	2.14	2.97	1.01	3.45	.94	.80
MAX	5.5	5.9	4.3	5.6	3.5	6.3
MIN	.00	.51	.00	.00	.00	.00
AC-FT	132	165	62	205	58	48

CAL YR 1997 to date: TOTAL 337.51 MAX 6.3 MIN .00 AC-FT 669

Table 6. Mean daily rates of injection for gaging station 13088405, Dry Creek injection site 4 near Artesian City, 12S-19E-2ADC2, January 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	6.0	.00	.04	.31	.21	.00	—	—
2	—	—	—	.00	5.8	.00	.03	.03	.18	.00	—	—
3	—	—	—	.00	5.9	.00	.00	.00	.11	.00	—	—
4	—	—	—	.00	6.4	.00	.00	.07	.00	.00	—	—
5	—	—	—	.00	6.2	.00	.09	.05	.00	.00	—	—
6	—	—	—	.00	6.4	.00	.06	.00	.00	.00	—	—
7	—	—	—	.00	5.4	.02	.00	.00	.03	.00	—	—
8	—	—	—	.00	3.2	.11	.00	.04	.00	.00	—	—
9	—	—	—	.00	.67	.00	.28	.31	.00	.00	—	—
10	—	—	—	.00	.00	.00	.17	.29	.13	.00	—	—
11	—	—	—	.00	.00	.00	.04	.29	.40	.00	—	—
12	—	—	—	.00	.00	.00	.00	.19	.24	.00	—	—
13	—	—	—	.00	.00	.00	.36	.48	.00	—	—	—
14	—	—	—	.00	.00	.00	.43	.05	.00	—	—	—
15	—	—	—	.00	.84	.00	.22	.00	.00	—	—	—
16	—	—	—	.00	1.3	.00	.10	.16	.00	—	—	—
17	—	—	—	.00	2.3	.00	.11	.09	.00	—	—	—
18	—	—	—	.00	5.0	.00	.00	.05	.00	—	—	—
19	—	—	—	.00	4.8	.13	.08	.27	.00	—	—	—
20	—	—	—	.00	5.2	.29	.08	.09	.02	—	—	—
21	—	—	—	.00	5.1	.11	.13	.13	.02	—	—	—
22	—	—	—	.33	4.1	.21	.14	.09	.00	—	—	—
23	—	—	—	.46	2.0	.07	.13	.00	.20	—	—	—
24	—	—	—	.00	2.8	.00	.00	.22	.00	—	—	—
25	—	—	—	.00	1.9	.00	.01	.05	.00	—	—	—
26	—	—	—	.10	.41	.00	.28	.16	.05	—	—	—
27	—	—	—	1.3	.00	.00	.08	.18	.26	—	—	—
28	—	—	—	1.9	.00	.01	.01	.05	.00	—	—	—
29	—	—	—	6.0	.00	.00	.00	.00	.00	—	—	—
30	—	—	—	5.5	.00	.03	.02	.00	.00	—	—	—
31	—	—	—	—	.00	—	.28	.19	—	—	—	—
TOTAL	—	—	—	15.59	81.72	0.98	3.17	3.84	1.85	0.00	—	—
MEAN	—	—	—	.52	2.64	.033	.10	.12	.062	.000	—	—
MAX	—	—	—	6.0	6.4	.29	.43	.48	.40	.00	—	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	31	162	1.9	6.3	7.6	3.7	.00	—	—

CAL YR 1994: TOTAL 107.15 MEAN .54 MAX 6.4 MIN .00 AC-FT 213

Table 6. Mean daily rates of injection for gaging station 13088405, Dry Creek injection site 4 near Artesian City, 12S-19E-2ADC2, January 1994 through June 1997—Continued

Day	1995 Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	.00	.00	6.7	5.3	.00	.00	.00	.00	—	—	—
2	—	e3.0	.00	5.8	5.4	.00	.00	.00	.00	—	—	—
3	—	e5.2	.00	5.9	5.6	.06	.00	.00	.00	—	—	—
4	—	7.1	.00	4.1	5.4	.00	.00	.00	.00	—	—	—
5	—	7.6	.00	1.2	5.1	.35	.00	.00	.00	—	—	—
6	—	5.6	.00	4.0	4.8	3.5	.00	.00	.00	—	—	—
7	—	3.3	.00	1.4	4.6	6.5	.00	.00	.00	—	—	—
8	—	3.6	.00	4.6	4.7	5.3	.00	.00	.00	—	—	—
9	—	1.5	.00	6.9	5.0	4.7	.00	.00	.00	—	—	—
10	—	1.4	.00	6.8	5.1	6.0	.00	.00	.05	—	—	—
11	—	e1.7	.00	6.7	5.2	5.6	.00	.00	.13	—	—	—
12	—	1.5	.00	6.8	5.3	4.7	.00	.02	.00	—	—	—
13	—	e1.5	.00	6.5	5.3	2.7	.00	.00	.00	—	—	—
14	—	e1.3	.00	6.5	5.2	3.4	.00	.00	.00	—	—	—
15	—	e1.0	.00	6.5	5.0	6.2	.00	.00	.00	—	—	—
16	—	1.0	.00	6.2	5.0	5.8	.00	.00	.00	—	—	—
17	—	.96	.00	6.0	5.0	5.6	.00	.00	.00	—	—	—
18	—	.98	.00	6.0	4.9	5.2	.00	.00	.00	—	—	—
19	—	1.3	.00	5.9	4.9	5.1	.00	.00	.00	—	—	—
20	—	1.4	.00	5.9	4.8	5.3	.00	.04	.00	—	—	—
21	—	e1.6	.00	5.9	4.7	5.2	.04	.00	.00	—	—	—
22	—	e1.6	1.9	4.5	4.5	5.2	.00	.00	.00	—	—	—
23	—	1.6	6.3	2.1	3.8	3.2	.00	.00	.00	—	—	—
24	—	1.8	6.4	2.9	6.4	5.1	.00	.00	.00	—	—	—
25	—	1.9	6.3	2.3	6.0	5.3	.02	.00	.00	—	—	—
26	—	2.0	6.5	5.5	5.8	.65	.00	.00	.00	—	—	—
27	—	1.9	6.4	4.2	5.4	.06	.00	.00	.00	—	—	—
28	—	.03	6.4	4.6	5.3	.09	.00	.05	.00	—	—	—
29	—	—	6.4	5.3	5.3	.61	.00	.00	.00	—	—	—
30	—	—	6.4	5.6	2.9	.00	.00	.00	.00	—	—	—
31	—	—	6.7	—	.96	—	.00	.00	—	—	—	—
TOTAL	—	63.37	59.70	153.3	152.66	101.42	0.06	0.11	0.18	—	—	—
MEAN	—	2.26	1.93	5.11	4.92	3.38	.002	.004	.006	—	—	—
MAX	—	7.6	6.7	6.9	6.4	6.5	.04	.05	.13	—	—	—
MIN	—	.00	.00	1.2	.96	.00	.00	.00	.00	—	—	—
AC-FT	—	126	118	304	303	201	.1	.2	.4	—	—	—

CAL YR 1995: TOTAL 530.80 MEAN 2.19 MAX 7.6 MIN .00 AC-FT 1050

Table 6. Mean daily rates of injection for gaging station 13088405, Dry Creek injection site 4 near Artesian City, 12S-19E-2ADC2, January 1994 through June 1997—Continued

Day	1996 Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	.00	.14	e6.0	e5.3	3.9	.00	—	—	—	—	—
2	—	.00	2.5	5.7	e5.2	4.1	.00	—	—	—	—	—
3	—	.00	.00	5.5	5.1	3.6	.08	—	—	—	—	—
4	—	.00	3.0	5.3	5.1	4.1	.00	—	—	—	—	—
5	—	.00	5.7	5.2	5.0	4.1	.11	—	—	—	—	—
6	—	.00	5.7	e5.1	4.9	4.0	.01	—	—	—	—	—
7	—	.00	5.6	e5.1	4.7	3.9	.17	—	—	—	—	—
8	—	.00	5.6	e5.2	4.6	3.9	.00	—	—	—	—	—
9	—	.00	5.6	e5.3	4.6	3.8	.00	—	—	—	—	—
10	—	.00	5.4	5.1	4.3	3.8	.00	—	—	—	—	—
11	—	.00	5.2	4.9	4.1	3.2	.00	—	—	—	—	—
12	—	.00	4.9	4.7	3.9	.68	.00	—	—	—	—	—
13	—	.00	4.8	4.8	4.4	.25	.00	—	—	—	—	—
14	—	.00	4.6	4.7	4.6	.00	.00	—	—	—	—	—
15	—	.56	4.5	4.6	4.3	.00	.00	—	—	—	—	—
16	—	4.1	2.5	4.6	4.1	.00	.00	—	—	—	—	—
17	—	5.8	4.4	4.7	4.0	.18	.00	—	—	—	—	—
18	—	5.5	4.4	5.1	3.9	.68	.00	—	—	—	—	—
19	—	5.9	4.3	5.0	3.9	.20	.00	—	—	—	—	—
20	—	5.7	4.3	4.7	3.9	.00	.00	—	—	—	—	—
21	—	5.7	4.2	4.7	4.2	.00	.00	—	—	—	—	—
22	—	5.8	4.2	4.6	4.5	.00	.00	—	—	—	—	—
23	—	5.2	4.2	4.7	4.6	.00	.00	—	—	—	—	—
24	—	6.0	4.1	4.5	4.4	.00	.00	—	—	—	—	—
25	—	6.0	4.1	5.0	4.2	.00	.00	—	—	—	—	—
26	—	3.0	4.1	4.9	4.1	.63	.00	—	—	—	—	—
27	—	.00	e4.1	4.8	4.1	.33	.00	—	—	—	—	—
28	—	.00	3.9	4.7	4.0	.15	.00	—	—	—	—	—
29	—	.00	4.0	4.7	3.9	.73	.00	—	—	—	—	—
30	—	—	e4.1	e5.4	3.8	.28	.00	—	—	—	—	—
31	—	—	e4.0	—	2.6	—	.00	—	—	—	—	—
TOTAL	—	59.26	128.14	149.3	134.3	46.51	0.37	—	—	—	—	—
MEAN	—	2.04	4.13	4.98	4.33	1.55	.012	—	—	—	—	—
MAX	—	6.0	5.7	6.0	5.3	4.1	.17	—	—	—	—	—
MIN	—	.00	.00	4.5	2.6	.00	.00	—	—	—	—	—
AC-FT	—	118	254	296	266	92	.7	—	—	—	—	—

CAL YR 1996: TOTAL 517.88 MEAN 2.44 MAX 6.0 MIN .00 AC-FT 1027

Table 6. Mean daily rates of injection for gaging station 13088405, Dry Creek injection site 4 near Artesian City , 12S-19E-2ADC2, January 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	3.8	.00	.85	4.2	5.5	5.1
2	5.7	.00	1.2	5.6	5.5	1.2
3	6.0	2.0	.81	6.8	5.5	.00
4	6.1	6.3	.63	6.6	5.4	.00
5	6.5	6.3	.66	6.5	5.4	.00
6	5.6	6.5	.86	6.4	4.0	.00
7	6.5	6.6	.76	6.4	4.5	.00
8	3.8	6.4	.84	6.3	4.9	.00
9	3.8	6.4	.88	6.2	4.8	.00
10	5.8	6.4	1.0	6.2	4.8	.00
11	5.8	7.2	1.1	6.2	4.7	.00
12	.15	6.3	1.2	6.1	4.6	.00
13	.00	3.6	1.2	6.4	4.2	.00
14	.00	.01	1.2	6.1	4.2	.00
15	.00	.00	1.2	6.0	4.6	.00
16	.00	.00	1.2	5.9	2.0	.00
17	.00	.00	1.2	5.7	2.6	.00
18	.00	.00	1.2	5.5	2.7	.00
19	.00	.00	1.0	5.3	.97	.00
20	.00	.00	6.4	5.3	3.4	.00
21	.00	.00	6.6	5.3	5.3	.00
22	.00	.88	6.6	5.3	5.1	.00
23	.00	1.9	6.3	5.1	5.0	.00
24	.00	.69	5.8	5.4	5.1	.00
25	.00	.75	5.8	5.7	5.1	.00
26	.00	1.2	5.7	5.7	5.1	.00
27	.00	1.2	5.5	5.5	5.1	.00
28	.00	.79	5.5	5.6	3.2	.00
29	.00	—	5.5	5.5	3.2	.00
30	.00	—	5.4	5.5	3.9	.00
31	.00	—	5.3	—	5.3	—
TOTAL	59.55	71.42	89.39	174.3	135.67	6.30
MEAN	1.92	2.55	2.88	5.81	4.38	.21
MAX	6.5	7.2	6.6	6.8	5.5	5.1
MIN	.00	.00	.63	4.2	.97	.00
AC-FT	118	142	177	346	269	12

CAL YR 1997 to date: TOTAL 536.63 MAX 7.2 MIN .00 AC-FT 1060

Table 7. Mean daily rates of recharge for gaging station 13088415, Parshall flume at infiltration pond site 5, near Artesian City, January 1993 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1993											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	1.23	e.21	—	.00	—	—	—	—
2	—	—	—	.00	1.74	e.19	—	.00	—	—	—	—
3	—	—	—	.68	2.40	e.21	—	.00	—	—	—	—
4	—	—	—	2.30	2.06	e.18	—	.00	—	—	—	—
5	—	—	—	2.44	1.74	e.11	—	.00	—	—	—	—
6	—	—	—	2.46	1.63	.00	—	.00	—	—	—	—
7	—	—	—	2.31	1.74	.00	—	.00	—	—	—	—
8	—	—	—	2.61	1.67	.00	—	.00	—	—	—	—
9	—	—	—	2.84	1.59	.00	—	.00	—	—	—	—
10	—	—	—	2.84	1.59	.00	—	.00	—	—	—	—
11	—	—	—	2.84	1.70	.00	—	.00	—	—	—	—
12	—	—	—	2.40	.71	.00	—	.00	—	—	—	—
13	—	—	—	1.63	e.35	.00	—	.00	—	—	—	—
14	—	—	—	1.82	e.35	.00	—	.00	—	—	—	—
15	—	—	—	1.90	e.31	—	—	.00	—	—	—	—
16	—	—	—	2.06	e.28	—	—	.00	—	—	—	—
17	—	—	—	1.90	e.26	—	—	—	—	—	—	—
18	—	—	—	1.67	e.26	—	—	—	—	—	—	—
19	—	—	—	1.51	e.26	—	—	—	—	—	—	—
20	—	—	—	1.77	e.24	—	.00	—	—	—	—	—
21	—	—	—	1.67	e.24	—	.00	—	—	—	—	—
22	—	—	—	1.55	e.23	—	.00	—	—	—	—	—
23	—	—	—	1.51	e.23	—	.00	—	—	—	—	—
24	—	—	—	1.48	e.19	—	.00	—	—	—	—	—
25	—	—	—	1.40	e.18	—	.00	—	—	—	—	—
26	—	—	—	1.30	e.88	—	.00	—	—	—	—	—
27	—	—	—	1.20	e.73	—	.00	—	—	—	—	—
28	—	—	—	1.06	e.28	—	.00	—	—	—	—	—
29	—	—	—	.97	e.24	—	.00	—	—	—	—	—
30	—	—	—	1.03	e.21	—	.00	—	—	—	—	—
31	—	—	—	—	e.23	—	.00	—	—	—	—	—
TOTAL	—	—	—	51.15	25.75	0.90	0.00	0.00	—	—	—	—
MEAN	—	—	—	1.70	.83	.064	.000	.000	—	—	—	—
MAX	—	—	—	2.8	2.4	.21	.00	.00	—	—	—	—
MIN	—	—	—	.00	.18	.00	.00	.00	—	—	—	—
AC-FT	—	—	—	101	51	1.8	.00	.00	—	—	—	—

CAL YR 1993: TOTAL 77.80 MEAN .76 MAX 2.8 MIN .00 AC-FT 154

Table 7. Mean daily rates of recharge for gaging station 13088415, Parshall flume at infiltration pond site 5, near Artesian City, January 1993 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
					1994							
1	—	—	.00	.00	.00	—	—	—	—	—	—	—
2	—	—	.00	.00	.00	—	—	—	—	—	—	—
3	—	—	.00	.00	.73	—	—	—	—	—	—	—
4	—	—	.00	.00	1.7	—	—	—	—	—	—	—
5	—	—	.00	.00	1.9	—	—	—	—	—	—	—
6	—	—	.00	.00	2.0	—	—	—	—	—	—	—
7	—	—	.00	.00	2.3	—	—	—	—	—	—	—
8	—	—	.00	.00	2.4	—	—	—	—	—	—	—
9	—	—	.00	.00	1.8	—	—	—	—	—	—	—
10	—	—	.00	.00	1.4	—	—	—	—	—	—	—
11	—	—	.00	.00	.70	—	—	—	—	—	—	—
12	—	—	.00	.00	.09	—	—	—	—	—	—	—
13	—	—	.00	.00	.00	—	—	—	—	—	—	—
14	—	—	.00	.00	.00	—	—	—	—	—	—	—
15	—	—	.00	.00	.00	—	—	—	—	—	—	—
16	—	—	.00	.00	.00	—	—	—	—	—	—	—
17	—	—	.00	.00	.00	—	—	—	—	—	—	—
18	—	—	.00	.00	e.00	—	—	—	—	—	—	—
19	—	—	.00	.00	e.00	—	—	—	—	—	—	—
20	—	—	.00	.07	e.00	—	—	—	—	—	—	—
21	—	—	.00	.05	e.71	—	—	—	—	—	—	—
22	—	—	.00	.00	1.2	—	—	—	—	—	—	—
23	—	.00	.00	.04	e.21	—	—	—	—	—	—	—
24	—	.00	.00	.03	e.00	—	—	—	—	—	—	—
25	—	.00	.00	.00	e.00	—	—	—	—	—	—	—
26	—	.00	.00	.00	e.00	—	—	—	—	—	—	—
27	—	.00	.00	.00	e.00	—	—	—	—	—	—	—
28	—	.00	.00	.00	e.00	—	—	—	—	—	—	—
29	—	—	.00	.00	e.00	—	—	—	—	—	—	—
30	—	—	.00	.00	e.00	—	—	—	—	—	—	—
31	—	—	.00	—	e.00	—	—	—	—	—	—	—
TOTAL	—	0.00	0.00	0.19	17.14	—	—	—	—	—	—	—
MEAN	—	.000	.000	.006	.55	—	—	—	—	—	—	—
MAX	—	.00	.00	.07	2.4	—	—	—	—	—	—	—
MIN	—	.00	.00	.00	.00	—	—	—	—	—	—	—
AC-FT	—	.00	.00	.4	34	—	—	—	—	—	—	—

CAL YR 1994: TOTAL 17.33 MEAN .18 MAX 2.4 MIN .00 AC-FT 34

Table 7. Mean daily rates of recharge for gaging station 13088415, Parshall flume at infiltration pond site 5, near Artesian City, January 1993 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
						1995						
1	—	—	.00	3.3	2.3	.07	.00	—	—	—	—	—
2	—	—	.00	1.7	4.3	.02	.00	—	—	—	—	—
3	—	—	.00	1.2	3.9	.23	.00	—	—	—	—	—
4	—	—	.00	1.4	2.5	.00	.00	—	—	—	—	—
5	—	—	.00	.49	1.3	.44	.00	—	—	—	—	—
6	—	—	.00	.00	.87	2.8	.00	—	—	—	—	—
7	—	—	.00	.00	1.0	2.2	.00	—	—	—	—	—
8	—	—	.00	.31	.16	1.4	.00	—	—	—	—	—
9	—	—	.00	3.2	.00	.05	.00	—	—	—	—	—
10	—	—	.00	2.7	.00	2.0	.00	—	—	—	—	—
11	—	—	.00	1.8	.00	1.2	.00	—	—	—	—	—
12	—	—	.00	1.9	.00	1.2	.00	—	—	—	—	—
13	—	—	.00	2.0	.00	.62	.00	—	—	—	—	—
14	—	—	.00	2.0	.00	.19	.00	—	—	—	—	—
15	—	—	.00	2.0	.24	.01	.00	—	—	—	—	—
16	—	—	.00	2.0	3.3	.01	.00	—	—	—	—	—
17	—	—	.00	1.9	3.4	.28	.00	—	—	—	—	—
18	—	—	.00	1.9	3.1	.85	.00	—	—	—	—	—
19	—	—	.00	1.2	2.6	.81	.00	—	—	—	—	—
20	—	—	.00	.73	2.0	.47	.00	—	—	—	—	—
21	—	—	.00	.69	1.8	1.1	.00	—	—	—	—	—
22	—	—	.65	.64	1.7	.69	.00	—	—	—	—	—
23	—	—	2.1	.62	.14	.31	.00	—	—	—	—	—
24	—	—	2.0	.57	.24	.05	.00	—	—	—	—	—
25	—	—	1.8	.49	1.7	.01	.00	—	—	—	—	—
26	—	—	1.5	.40	1.5	.32	.00	—	—	—	—	—
27	—	—	1.4	.36	1.0	.45	.00	—	—	—	—	—
28	—	—	1.4	.47	.85	.03	.00	—	—	—	—	—
29	—	—	1.3	.74	.65	.00	.00	—	—	—	—	—
30	—	—	2.4	1.2	.06	.00	.00	—	—	—	—	—
31	—	—	2.8	—	.01	—	.00	—	—	—	—	—
TOTAL	—	—	17.35	37.91	40.62	17.81	0.00	—	—	—	—	—
MEAN	—	—	.56	1.26	1.31	.59	.000	—	—	—	—	—
MAX	—	—	2.8	3.3	4.3	2.8	.00	—	—	—	—	—
MIN	—	—	.00	.00	.00	.00	.00	—	—	—	—	—
AC-FT	—	—	34	75	81	35	.00	—	—	—	—	—

CAL YR 1995: TOTAL 113.69 MEAN .74 MAX 4.3 MIN .00 AC-FT 226

Table 7. Mean daily rates of recharge for gaging station 13088415, Parshall flume at infiltration pond site 5, near Artesian City, January 1993 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
					1996							
1	—	.00	.00	.04	.97	1.6	—	—	—	—	—	—
2	—	.00	.00	.47	.94	1.5	—	—	—	—	—	—
3	—	.00	.00	.95	.85	1.5	—	—	—	—	—	—
4	—	.00	.97	1.1	.82	1.5	—	—	—	—	—	—
5	—	.00	1.5	1.3	.78	1.5	—	—	—	—	—	—
6	—	.00	.75	1.5	.76	1.4	—	—	—	—	—	—
7	—	.44	.04	1.6	.94	.69	—	—	—	—	—	—
8	—	e2.2	.04	2.0	1.3	1.3	—	—	—	—	—	—
9	—	2.4	.53	1.1	1.4	.44	—	—	—	—	—	—
10	—	1.6	2.1	.77	1.3	.04	—	—	—	—	—	—
11	—	1.5	3.3	.59	1.3	.21	—	—	—	—	—	—
12	—	.65	2.5	.30	1.4	.00	—	—	—	—	—	—
13	—	.31	1.4	.12	1.4	.18	—	—	—	—	—	—
14	—	.19	1.5	.00	1.1	.26	—	—	—	—	—	—
15	—	.00	1.5	.00	3.1	.12	—	—	—	—	—	—
16	—	.00	1.6	.00	1.9	.00	—	—	—	—	—	—
17	—	.00	.54	.00	1.8	.00	—	—	—	—	—	—
18	—	.00	.21	.00	1.7	.00	—	—	—	—	—	—
19	—	.00	.35	.00	1.7	.00	—	—	—	—	—	—
20	—	.00	2.9	.00	1.6	.00	—	—	—	—	—	—
21	—	.00	.94	.00	1.6	.01	—	—	—	—	—	—
22	—	.00	1.8	.00	1.7	.02	—	—	—	—	—	—
23	—	.00	1.4	.62	1.3	.19	—	—	—	—	—	—
24	—	.00	.87	2.8	1.1	.00	—	—	—	—	—	—
25	—	.00	.74	3.8	.91	.00	—	—	—	—	—	—
26	—	.00	1.2	2.9	.24	.00	—	—	—	—	—	—
27	—	.11	.82	1.9	1.3	.00	—	—	—	—	—	—
28	—	.66	1.2	1.9	2.0	.00	—	—	—	—	—	—
29	—	.00	.00	1.9	2.0	.00	—	—	—	—	—	—
30	—	—	.35	1.3	1.8	.00	—	—	—	—	—	—
31	—	—	.65	—	1.6	—	—	—	—	—	—	.04
TOTAL	—	10.06	31.70	28.96	42.61	12.46	—	—	—	—	—	0.04
MEAN	—	.35	1.02	.97	1.37	.42	—	—	—	—	—	.040
MAX	—	2.4	3.3	3.8	3.1	1.6	—	—	—	—	—	.04
MIN	—	.00	.00	.00	.24	.00	—	—	—	—	—	.04
AC-FT	—	20	63	57	85	25	—	—	—	—	—	.08

CAL YR 1996: TOTAL 125.83 MEAN .83 MAX 3.8 MIN .00 AC-FT 250

Table 7. Mean daily rates of recharge for gaging station 13088415, Parshall flume at infiltration pond site 5, near Artesian City, January 1993 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	.07	.72	.00	.06	1.0	.00
2	.03	.62	.82	.00	.92	.00
3	.06	.57	.76	.00	.66	.28
4	.43	1.3	.56	.18	1.5	.39
5	.14	1.7	.52	1.5	1.7	.45
6	.00	.78	.45	.04	1.8	.94
7	.94	.21	.43	.86	1.8	1.1
8	1.9	.10	.66	2.2	1.2	2.6
9	3.0	.00	.94	2.0	.70	.83
10	2.4	.00	.81	1.3	1.4	.37
11	1.7	.00	.09	1.2	.84	.92
12	1.3	.00	.00	.80	1.3	1.6
13	1.3	.07	.00	.52	1.6	1.7
14	1.3	1.3	.00	.39	1.0	.30
15	.23	1.1	.00	.36	1.8	1.0
16	.49	.96	.00	.32	1.9	.69
17	.08	.95	.09	.26	3.0	.00
18	.02	.53	1.7	.22	1.0	.00
19	.02	.13	3.4	.20	.76	.00
20	.02	.02	2.2	.82	.94	.00
21	.00	.00	.82	1.7	.83	.00
22	.00	.04	.00	1.7	3.2	.00
23	.00	.28	.00	1.7	2.6	.00
24	.60	.11	.00	1.6	2.2	.00
25	2.1	.05	.00	1.3	1.9	.00
26	2.1	.02	.15	1.2	1.9	.00
27	.12	.04	.37	1.4	1.9	.00
28	.86	.00	.30	1.2	1.7	.00
29	1.3	—	.21	1.5	1.7	.00
30	.86	—	.18	2.0	1.5	.06
31	.74	—	.15	—	.50	—
TOTAL	24.11	11.60	15.61	28.53	46.75	13.23
MEAN	.78	.41	.50	.95	1.51	.44
MAX	3.0	1.7	3.4	2.2	3.2	2.6
MIN	.00	.00	.00	.00	.50	.00
AC-FT	48	23	31	57	93	26

CAL YR 1997 to date: TOTAL 139.83 MAX 3.4 MIN .00 AC-FT 278

Murtaugh Lake Area (sites 6 and 7)

Figures

Tables

— PAGE 143 FOLLOWS —

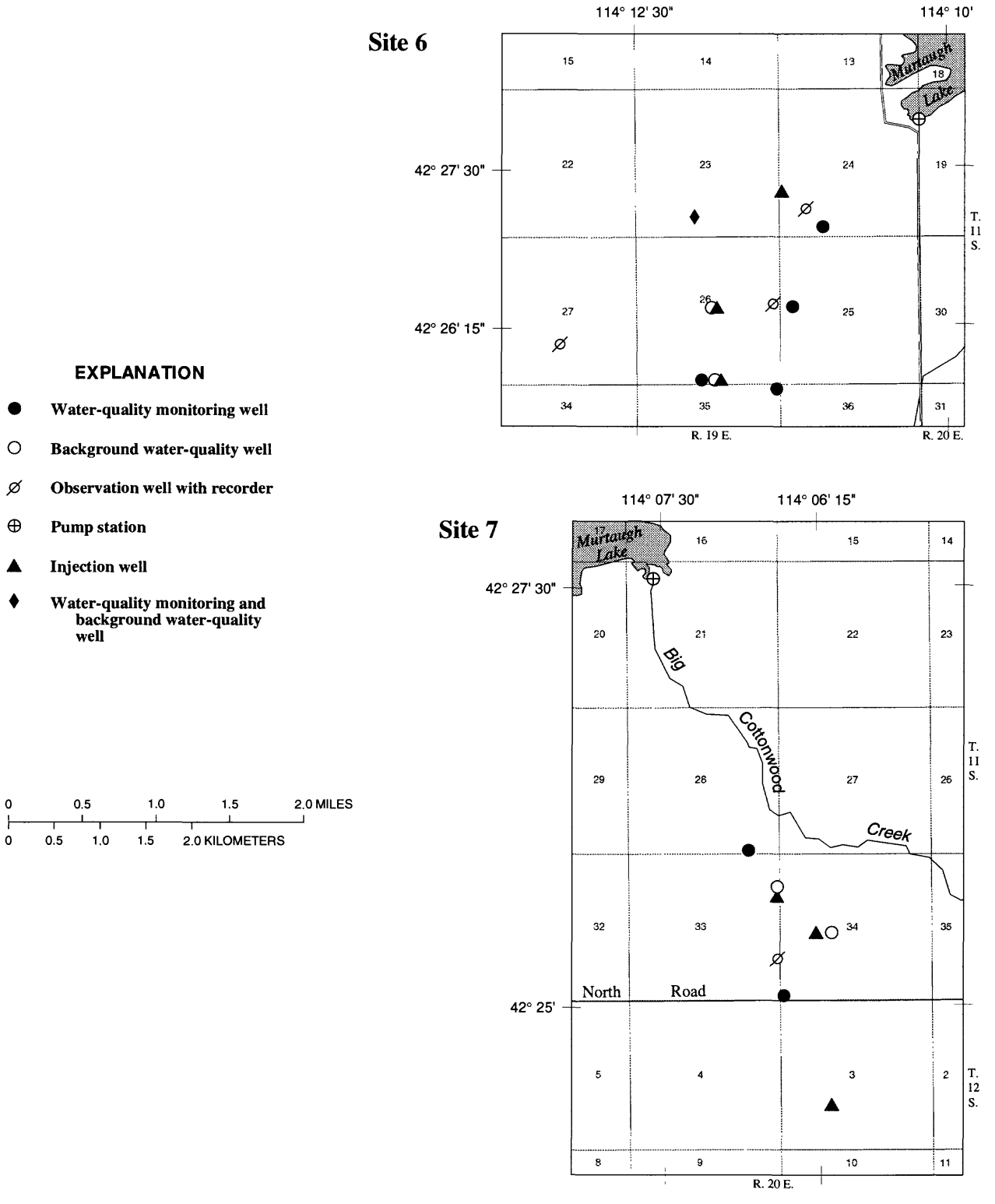

Figure 1. Locations of data collection sites, Murtaugh Lake area.

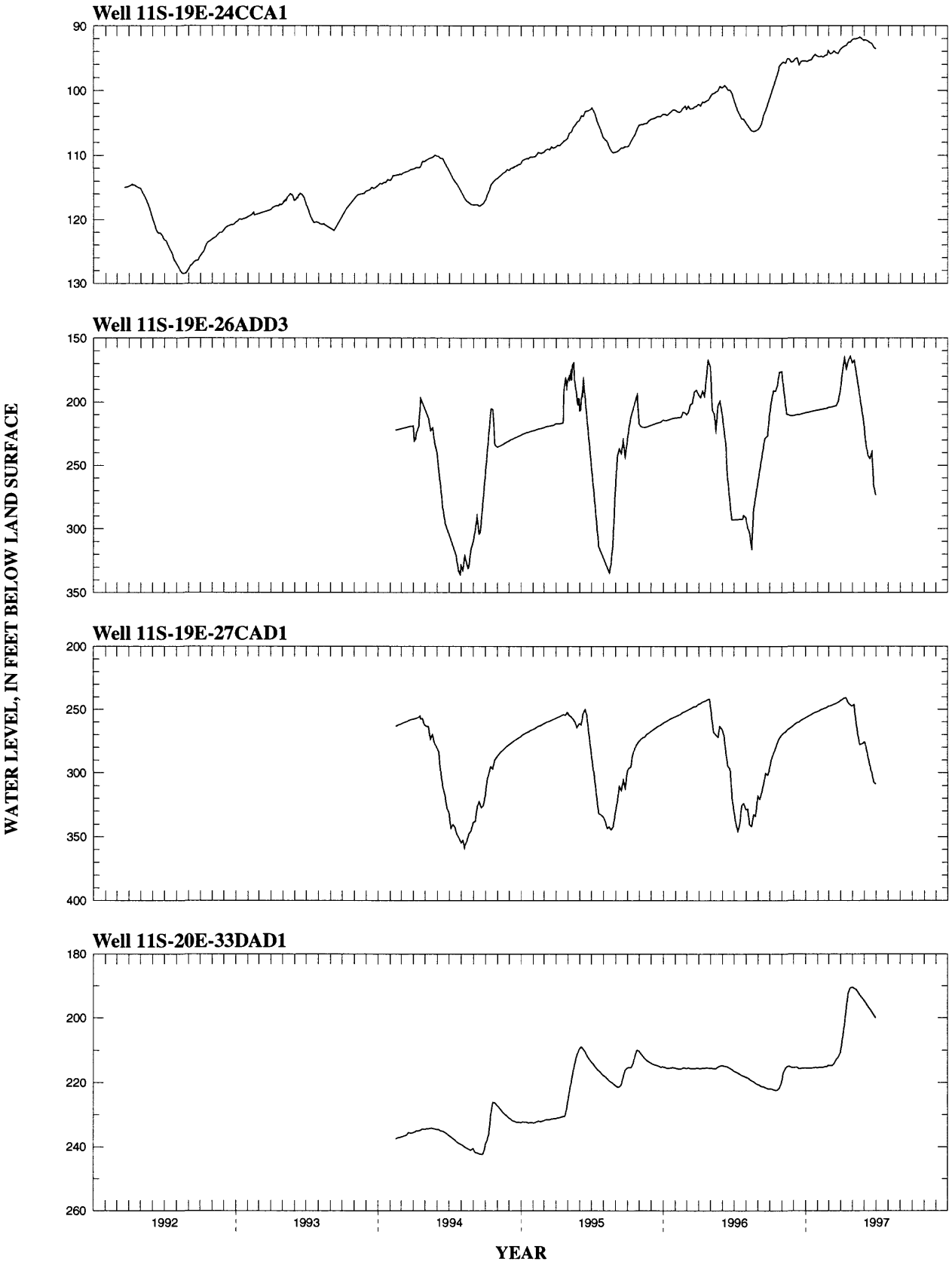

Figure 2. Water-level fluctuations in observation wells in the Murtaugh Lake area, January 1992 through June 1997.

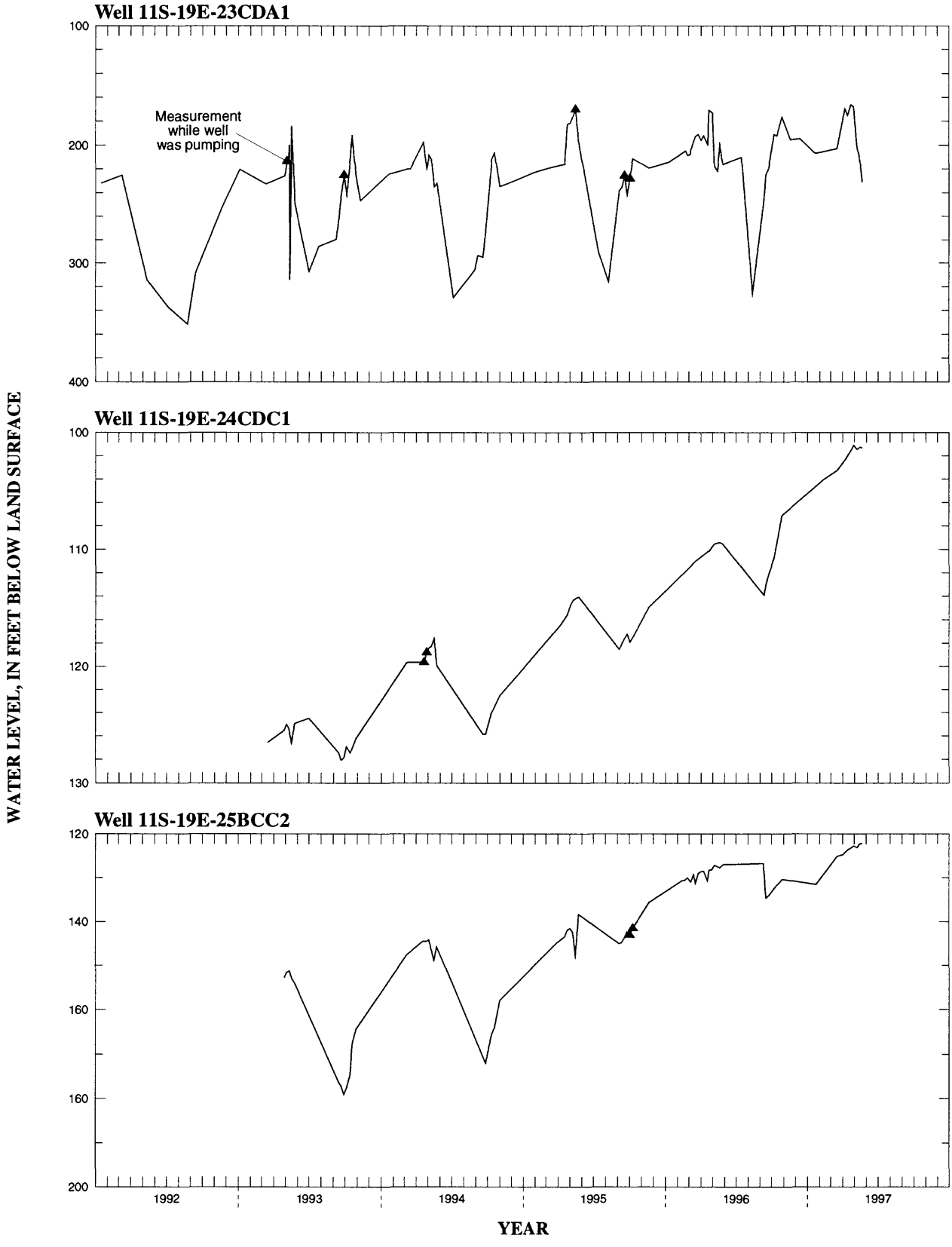

Figure 3. Water-level fluctuations in selected water-quality monitoring wells in the Murtaugh Lake area, January 1992 through June 1997.

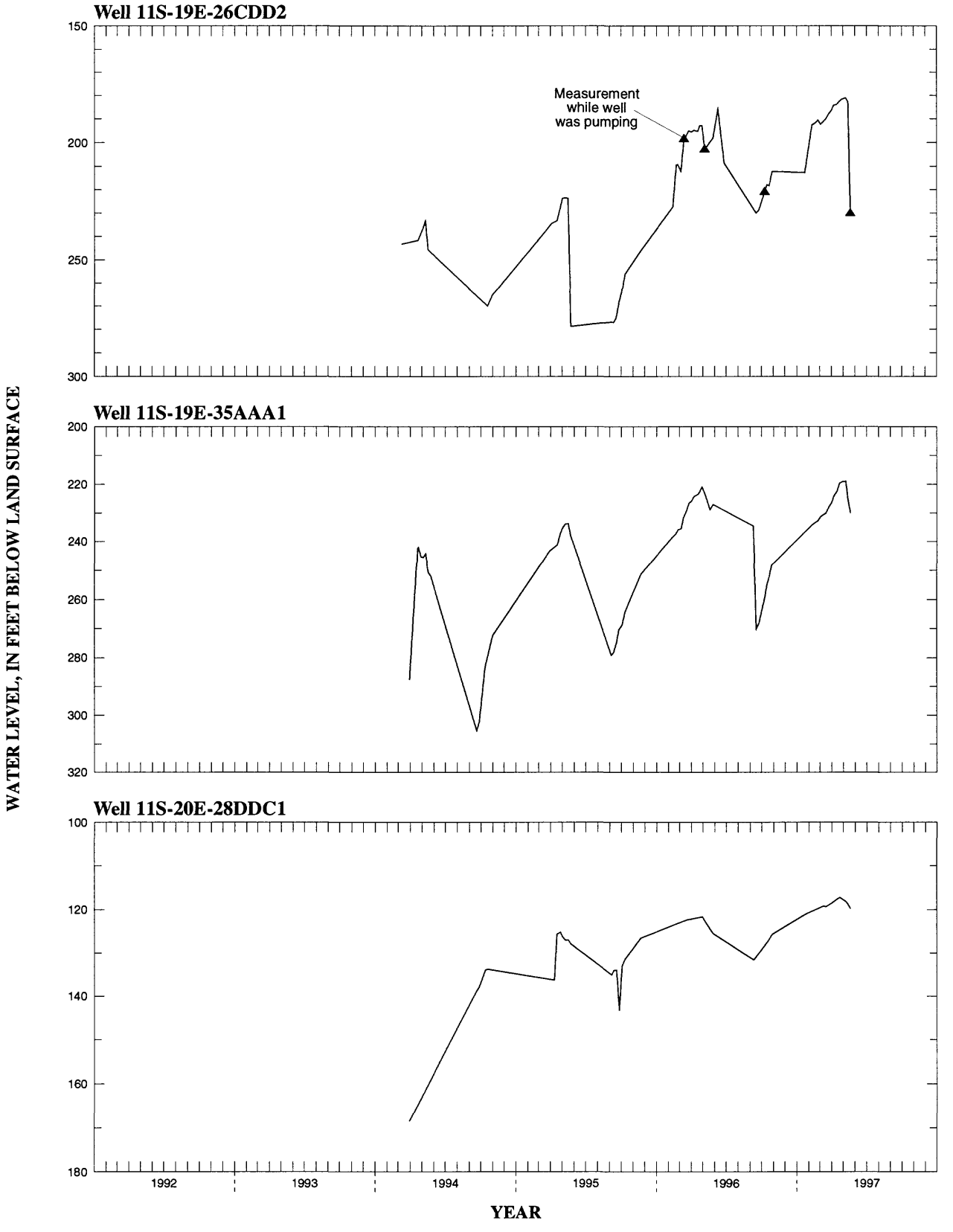

Figure 3. Water-level fluctuations in selected water-quality monitoring wells in the Murtaugh Lake area, January 1992 through June 1997—Continued.

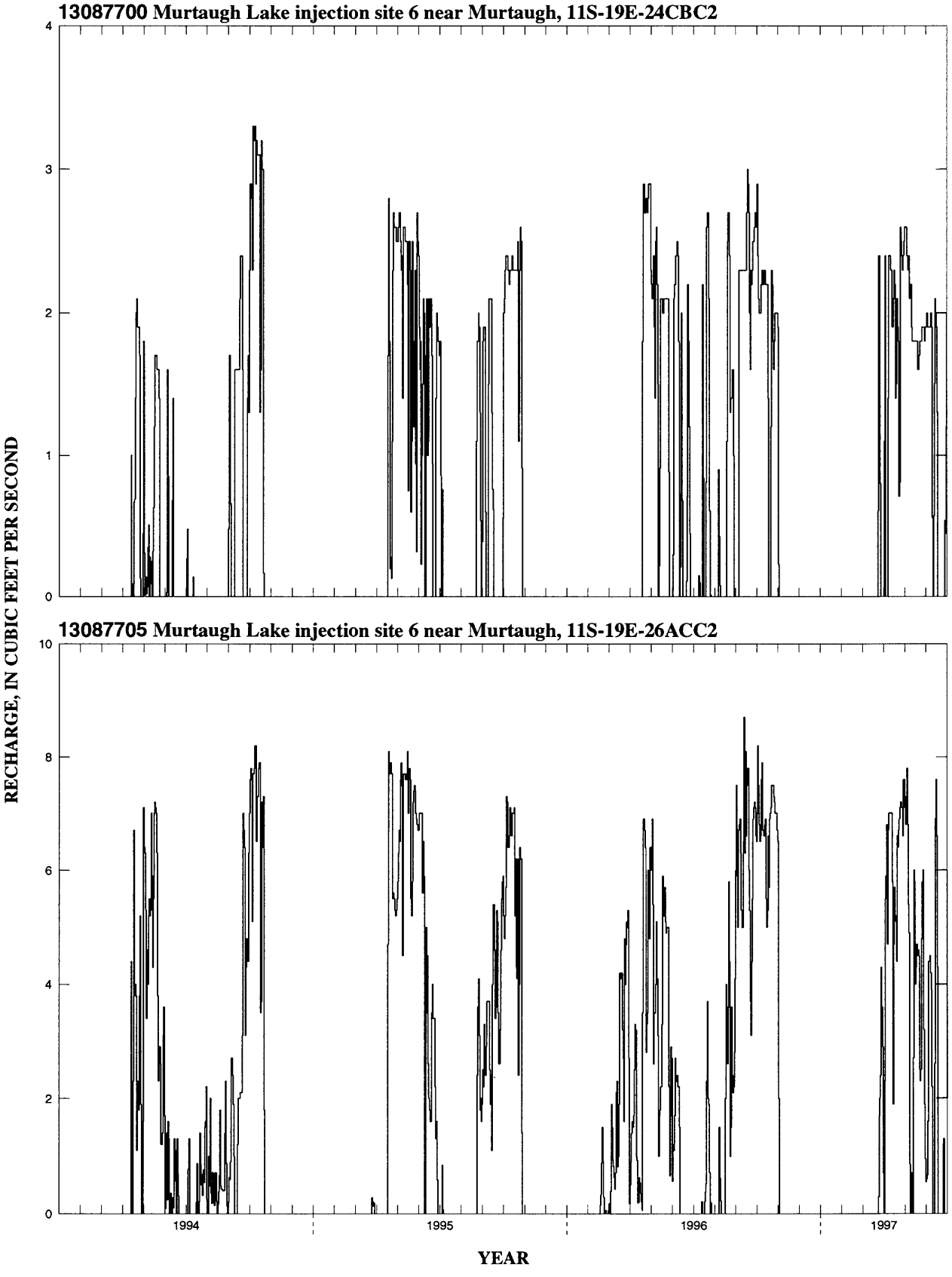

Figure 4. Rates of recharge for site 6, Murtaugh Lake area, January 1994 through June 1997.

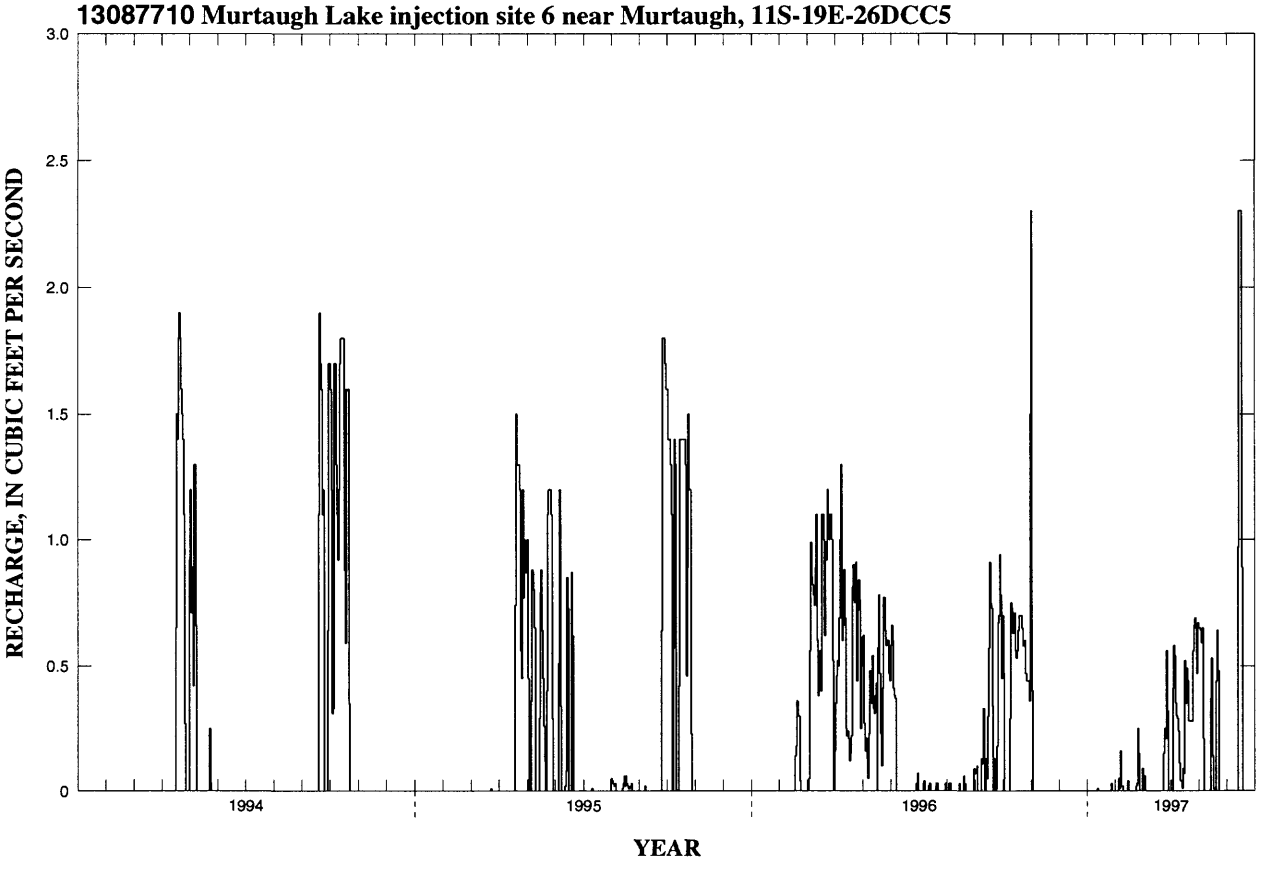

Figure 4. Rates of recharge for site 6, Murtaugh Lake area, January 1994 through June 1997—Continued.

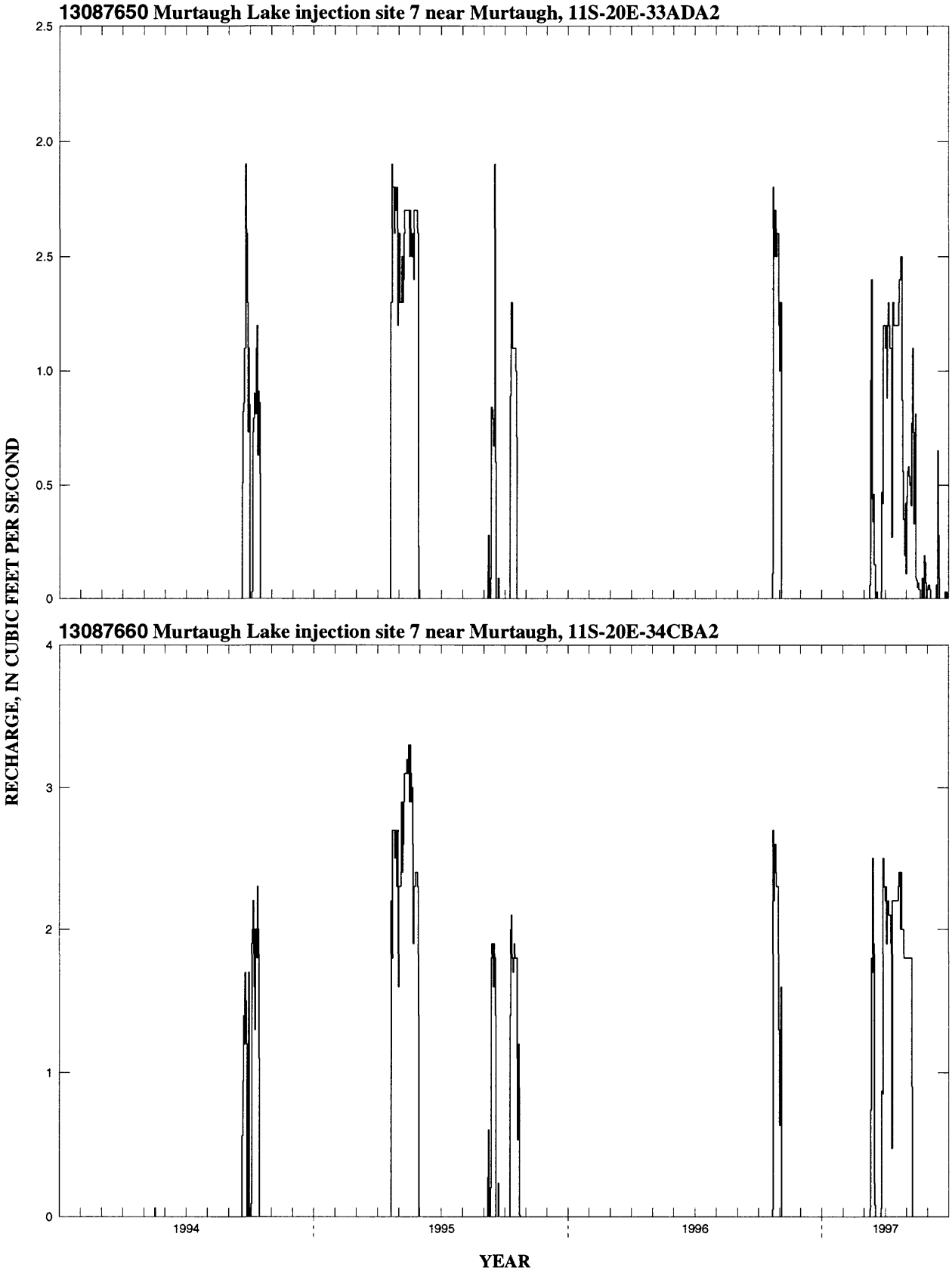

Figure 5. Rates of recharge for site 7, Murtaugh Lake area, January 1994 through June 1997.

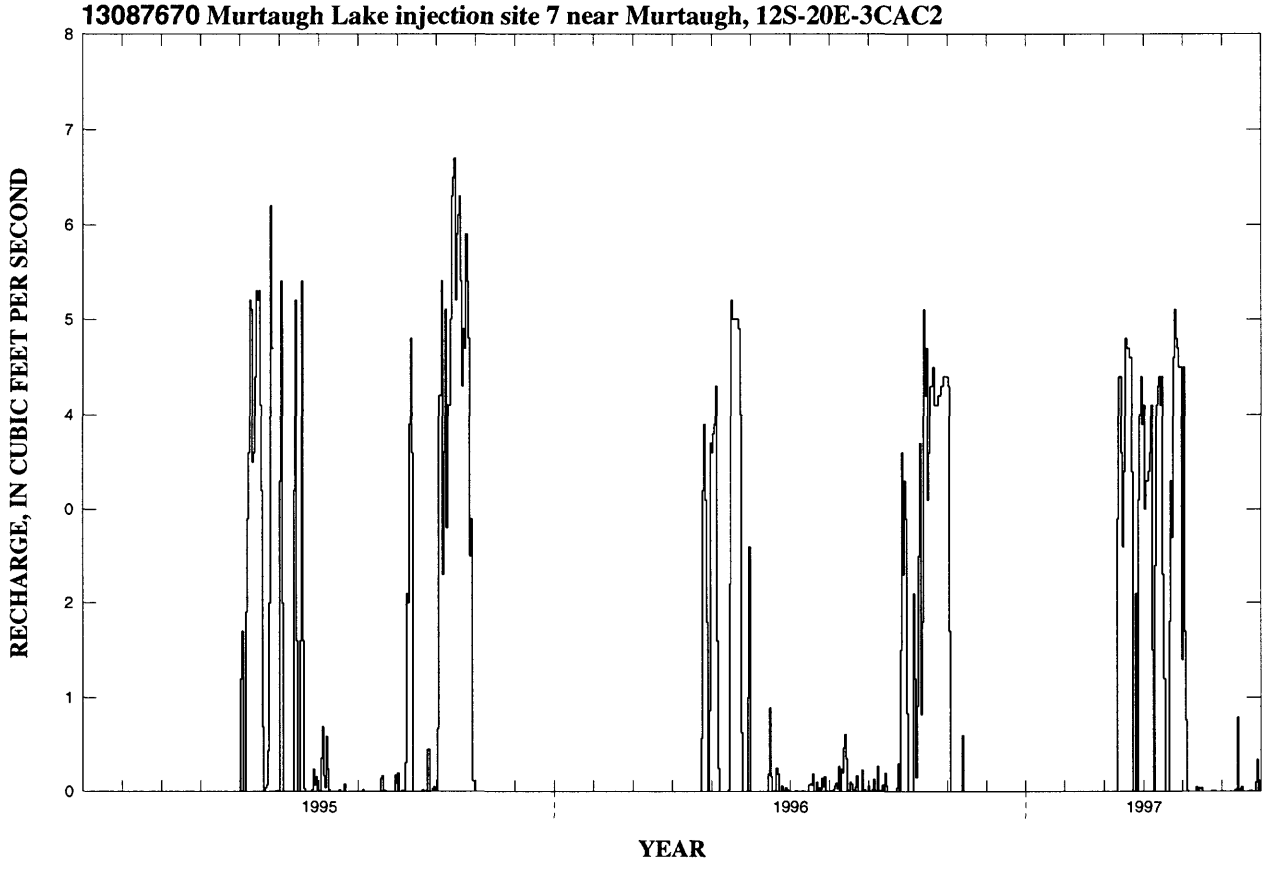

Figure 6. Rates of recharge for site 7, Murtaugh Lake area, January 1995 through June 1997.

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996

Headnotes:

LOCAL IDENTIFIER	site name or number
AC-FT	acre-foot, acre-feet
DEG C	degrees Celsius
COLS.	colonies
DIS., DISS, DISSOLV	dissolved
E	estimate
ELEV.	elevation
FET	fixed endpoint titration
FLT, FLTRD	filtered
FT.	foot, feet
GF 0.7U, 0.7U GF 0.7 UM-MF	pore size of filter—0.7 microgram, membrane filter method
INST.	instantaneous
K	nonideal colony count
MG/L	milligrams per liter
ML	milliliter
NGVD	National Geodetic Vertical Datum of 1929
REC, RECOV., RECOVER	recoverable
SRG, SURROG, SURROGT	surrogate
TOT	total
US/CM	microsiemens per centimeter
UG/L	micrograms per liter
UNFLTRD, UNFILT, UNF	unfiltered
VOC	volatile organic compound
WAT	water
WH, WHL	whole
<	less than
—	no data available

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	SPECIFIC CONDUCTANCE (US/CM)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	PH WATER WHOLE FIELD (STANDARD UNITS)	PH WATER WHOLE LAB (STANDARD UNITS)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)
11S 19E 26DCC4	422555114115604	04-12-94	19.0	455	7.6	97	7.1	7.2	92
		08-30-94	19.5	508	7.5	95	6.9	7.1	94
		04-13-95	19.0	483	7.5	95	7.1	7.2	90
		08-09-95	18.0	603	7.5	92	7.1	7.2	98
11S 19E 26ACC1	422622114115701	05-11-92	27.0	357	5.8	84	7.5	7.9	109
		08-24-92	27.0	351	5.8	85	7.6	7.7	104
		09-30-92	26.5	371	—	—	7.6	—	111
		05-13-93	27.0	429	—	—	7.5	7.7	126
		09-29-93	25.5	424	10.2	134	7.5	7.8	148
		04-12-94	22.5	442	4.4	62	7.5	7.7	156
		08-29-94	20.0	435	12.4	158	7.5	7.6	135
		04-13-95	20.5	503	5.6	70	7.7	7.7	170
		08-09-95	17.0	431	4.1	52	7.7	7.5	134
		05-14-96	18.0	425	8.6	108	7.5	7.8	131
		08-13-96	16.0	564	9.5	112	7.5	7.5	126
11S 19E 23CDA1	422654114115901	05-12-92	14.5	2050	8.1	92	7.4	7.6	195
		08-25-92	15.0	2030	7.9	91	7.4	7.5	200
		09-30-92	16.0	2120	—	—	7.4	—	215
		05-11-93	14.0	1160	—	—	7.5	7.6	156
		09-28-93	14.5	2060	8.0	92	7.4	7.6	225
		03-09-94	12.5	2070	8.5	92	7.6	7.5	233
		04-20-94	15.0	892	6.3	73	7.5	7.7	146
		04-28-94	13.0	2030	—	—	7.4	7.6	218
		08-29-94	15.5	1990	7.4	88	7.4	7.5	201
		04-10-95	12.5	2020	10.8	120	7.6	7.6	215
		04-25-95	13.0	856	—	—	7.5	7.6	146
		05-02-95	14.0	723	—	—	7.6	7.6	149
		05-09-95	14.0	685	—	—	7.5	7.6	146
		08-09-95	15.5	1950	7.3	88	7.5	7.5	202
		02-27-96	11.5	1910	7.2	80	7.4	7.5	213
		05-01-96	14.5	565	—	—	7.4	7.8	123
		08-13-96	16.0	1950	8.1	94	7.5	7.4	210
MURTAUGH LAKE AT PUMP STATION WEST	422728114101601	05-11-92	19.0	433	12.0	146	8.8	8.6	143
		08-25-92	15.0	444	7.6	88	8.4	8.2	144
		09-30-92	17.0	443	—	—	9.0	—	152
		05-18-93	17.5	474	8.9	108	8.5	8.4	154
		09-29-93	13.5	438	8.8	98	8.3	8.4	159
		04-20-94	14.0	454	13.6	155	8.6	8.3	153
		08-29-94	22.0	424	9.0	118	8.3	7.9	146
		05-10-95	13.0	462	—	—	8.5	8.2	158

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, TOTAL (MG/L AS N)	NITRO-GEN DIS-SOLVED (MG/L AS N)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, ORGANIC DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRITE TOTAL (MG/L AS N)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N)	NITRO-GEN, NITRATE TOTAL (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N)
11S 19E 26DCC4	04-12-94	—	—	—	—	0.040	—	0.010	—	1.49	1.49	<0.20	—
	08-30-94	—	—	—	—	0.020	—	<0.010	—	—	1.80	<0.20	—
	04-13-95	—	—	—	—	0.020	—	<0.010	—	—	1.50	<0.20	—
	08-09-95	—	—	—	—	0.020	—	<0.010	—	—	2.30	<0.20	—
11S 19E 26ACC1	05-11-92	—	—	—	—	—	<0.010	—	<0.010	—	0.510	—	<0.20
	08-24-92	—	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	0.010	—	<0.010	—	0.650	—	<0.20
	05-13-93	—	—	—	—	0.040	—	<0.010	—	—	0.110	—	<0.20
	09-29-93	—	—	—	—	0.030	—	<0.010	—	—	0.310	<0.20	—
	04-12-94	—	—	—	—	0.020	—	<0.010	—	—	0.590	<0.20	—
	08-29-94	—	—	—	—	0.010	—	<0.010	—	—	0.590	<0.20	—
	04-13-95	—	—	—	—	<0.015	—	<0.010	—	—	0.610	<0.20	—
	08-09-95	—	—	—	—	<0.015	—	<0.010	—	—	0.400	<0.20	—
	05-14-96	—	—	—	—	0.040	—	<0.010	—	—	0.350	<0.20	—
	08-13-96	—	—	—	—	0.030	—	0.020	—	1.78	1.78	<0.20	—
11S 19E 23CDA1	05-12-92	—	—	—	—	—	<0.010	—	<0.010	—	5.20	—	<0.20
	08-25-92	—	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	6.0	—	0.28	—	—	0.020	—	<0.010	—	5.70	—	0.30
	05-11-93	—	—	—	—	0.030	—	<0.010	—	—	2.60	—	<0.20
	09-28-93	—	5.8	—	0.27	0.030	—	<0.010	—	—	5.50	0.30	—
	03-09-94	—	6.4	—	0.26	0.040	—	<0.010	—	—	6.10	0.30	—
	04-20-94	—	—	—	—	0.020	—	<0.010	—	—	1.80	<0.20	—
	04-28-94	—	6.0	—	0.37	0.030	—	<0.010	—	—	5.60	0.40	—
	08-29-94	—	5.8	—	0.18	0.020	—	<0.010	—	—	5.60	0.20	—
	04-10-95	—	6.0	—	—	<0.015	—	<0.010	—	—	5.70	0.30	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	6.1	—	0.28	0.020	—	<0.010	—	—	5.80	0.30	—
	02-27-96	—	5.7	—	0.28	0.020	—	0.020	—	5.38	5.38	0.30	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	4.8	—	0.26	0.040	—	0.010	—	4.49	4.49	0.30	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	<0.010	—	<0.010	—	—	—	<0.20
	08-25-92	—	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	0.80	—	0.78	—	—	0.020	—	<0.010	—	—	—	0.80
	05-18-93	0.41	—	0.23	—	0.070	—	<0.010	—	—	0.110	—	0.30
	09-29-93	—	0.37	—	0.25	0.050	—	0.020	—	0.051	0.051	0.30	—
	04-20-94	—	—	—	0.27	0.030	—	<0.010	—	—	—	0.30	—
	08-29-94	—	—	—	0.27	0.030	—	<0.010	—	—	—	0.30	—
	05-10-95	—	0.39	—	0.25	0.050	—	0.020	—	0.070	0.070	0.30	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, TOTAL (MG/L AS PO4)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS TOTAL (MG/L AS P)	PHOSPHORUS ORGANIC TOTAL (MG/L AS P)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	HARDNESS TOTAL (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)
11S 19E 26DCC4	04-12-94	1.50	1.50	—	0.06	—	—	0.020	0.60	160	47	9.2	20
	08-30-94	1.80	1.80	—	0.06	—	—	0.020	0.70	180	52	11	22
	04-13-95	1.50	1.50	—	0.06	—	—	0.020	—	170	51	10	21
	08-09-95	2.30	2.30	—	0.03	—	—	0.010	—	220	65	13	24
11S 19E 26ACC1	05-11-92	0.510	—	0.06	—	<0.010	—	—	0.10	110	36	5.2	23
	08-24-92	—	—	—	—	—	—	—	0.40	110	36	5.3	23
	09-30-92	0.650	—	0.03	—	0.030	0.02	—	—	—	—	—	—
	05-13-93	0.110	0.110	—	0.06	0.010	—	0.020	—	140	45	6.7	26
	09-29-93	0.310	0.310	—	0.12	—	—	0.040	—	160	52	8.0	22
	04-12-94	0.590	0.590	—	0.09	—	—	0.030	—	160	51	8.3	24
	08-29-94	0.590	0.590	—	0.06	—	—	0.020	—	160	48	8.6	24
	04-13-95	0.610	0.610	—	0.06	—	—	0.020	—	190	59	11 •	26
	08-09-95	0.400	0.400	—	0.15	—	—	0.050	—	150	45	9.8	23
	05-14-96	0.350	0.350	—	0.12	—	—	0.040	—	160	47	9.7	21
	08-13-96	1.80	1.80	—	0.15	—	—	0.050	—	200	60	13	25
11S 19E 23CDA1	05-12-92	5.20	—	0.09	—	<0.010	—	—	5.8	870	220	77	80
	08-25-92	—	—	—	—	—	—	—	5.9	860	230	70	89
	09-30-92	5.70	—	0.06	—	0.030	0.01	—	—	—	—	—	—
	05-11-93	2.60	2.60	—	0.06	0.030	—	0.020	—	440	120	33	59
	09-28-93	5.50	5.50	—	0.09	—	—	0.030	—	850	230	66	110
	03-09-94	6.10	6.10	—	0.06	—	—	0.020	—	910	250	69	92
	04-20-94	1.80	1.80	—	0.06	—	—	0.020	—	320	87	24	46
	04-28-94	5.60	5.60	—	0.06	—	—	0.020	—	850	230	68	100
	08-29-94	5.60	5.60	—	—	—	—	<0.010	—	850	230	68	92
	04-10-95	5.70	5.70	—	0.06	—	—	0.020	—	830	220	69	100
	04-25-95	—	—	—	—	—	—	—	—	310	85	23	45
	05-02-95	—	—	—	—	—	—	—	—	260	72	19	39
	05-09-95	—	—	—	—	—	—	—	—	250	70	19	39
	08-09-95	5.80	5.80	—	0.03	—	—	0.010	—	800	220	62	84
	02-27-96	5.40	5.40	—	0.06	—	—	0.020	—	780	210	63	93
	05-01-96	—	—	—	—	—	—	—	—	200	54	15	35
	08-13-96	4.50	4.50	—	0.09	—	—	0.030	—	780	210	62	85
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.050	—	0.06	—	<0.010	—	—	2.4	160	38	17	26
	08-25-92	—	—	—	—	—	—	—	5.1	180	43	17	24
	09-30-92	<0.050	—	0.09	—	0.100	0.07	—	—	—	—	—	—
	05-18-93	0.110	0.110	—	0.12	0.070	—	0.040	3.4	180	44	17	26
	09-29-93	0.071	0.071	—	0.12	—	—	0.040	3.8	180	47	16	21
	04-20-94	—	<0.050	—	—	—	—	<0.010	5.1	170	43	16	23
	08-29-94	—	<0.050	—	—	—	—	<0.010	4.9	170	40	16	21
	05-10-95	0.090	0.090	—	0.43	—	—	0.140	6.1	180	44	16	28

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)
11S 19E 26DCC4	04-12-94	0.7	21	9.7	59	35	0.30	57	2	100	<10	<1	<1
	08-30-94	0.7	20	8.8	67	43	0.30	62	2	200	<10	<1	<1
	04-13-95	0.7	20	9.2	62	36	0.30	63	—	—	—	—	—
	08-09-95	0.7	19	9.4	79	53	0.30	59	—	—	—	—	—
11S 19E 26ACC1	05-11-92	0.9	28	12	21	24	0.40	72	3	100	<10	<1	<1
	08-24-92	0.9	28	12	29	26	0.50	60	3	300	<10	<1	2
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	1	27	13	33	41	0.50	66	—	—	—	—	—
	09-29-93	0.8	21	11	23	40	0.60	49	—	—	—	—	—
	04-12-94	0.8	23	13	23	38	0.60	50	—	—	—	—	—
	08-29-94	0.8	24	8.7	23	43	0.60	47	—	—	—	—	—
	04-13-95	0.8	22	9.7	28	44	0.60	48	—	—	—	—	—
	08-09-95	0.8	24	7.5	25	36	0.60	41	—	—	—	—	—
	05-14-96	0.7	22	7.1	20	45	0.60	37	—	—	—	—	—
	08-13-96	0.8	20	7.5	50	68	0.40	39	—	—	—	—	—
11S 19E 23CDA1	05-12-92	1	16	16	250	310	0.30	55	3	100	<10	<1	<1
	08-25-92	1	18	18	320	400	0.30	55	3	<100	<10	<1	2
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	1	22	11	150	190	0.30	56	—	—	—	—	—
	09-28-93	2	22	16	310	400	0.30	51	—	—	—	—	—
	03-09-94	1	18	15	310	400	0.20	52	—	—	—	—	—
	04-20-94	1	23	10	100	130	0.40	57	—	—	—	—	—
	04-28-94	1	20	16	300	390	0.20	52	—	—	—	—	—
	08-29-94	1	19	17	310	390	0.20	57	—	—	—	—	—
	04-10-95	2	20	17	320	390	0.20	53	—	—	—	—	—
	04-25-95	1	23	11	94	130	0.40	58	—	—	—	—	—
	05-02-95	1	24	10	71	100	0.40	59	—	—	—	—	—
	05-09-95	1	24	10	68	90	0.40	60	—	—	—	—	—
	08-09-95	1	18	17	290	360	0.20	55	—	—	—	—	—
	02-27-96	1	20	15	280	370	0.20	52	—	—	—	—	—
	05-01-96	1	27	10	51	82	0.50	60	—	—	—	—	—
	08-13-96	1	19	16	290	370	0.20	54	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	0.9	25	4.3	30	46	0.80	8.9	3	<100	<10	<1	<1
	08-25-92	0.8	22	5.8	28	49	0.80	14	5	<100	<10	<1	<1
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	0.8	23	5.2	32	46	0.70	15	2	<100	<10	<1	2
	09-29-93	0.7	20	4.1	22	41	0.60	16	4	100	<10	<1	<1
	04-20-94	0.8	22	3.9	27	45	0.80	15	3	<100	<10	<1	<1
	08-29-94	0.7	21	4.3	20	43	0.70	16	4	<100	<10	<1	<1
	05-10-95	0.9	25	6.8	28	36	0.60	13	3	<100	<10	<1	<1

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	SELENIUM, TOTAL (UG/L AS SE)
11S 19E 26DCC4	04-12-94	<1	<1	250	<1	10	1	<1	<1	<10	90	20	2
	08-30-94	<1	<1	80	<1	<10	<1	<1	<1	<10	40	20	2
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<1	<1	20	<1	<10	2	<1	<1	<10	<10	20	1
	08-24-92	<1	<1	50	<1	<10	1	<1	<1	20	<10	20	<1
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	<1	2	20	1	10	1	<1	<1	150	<10	20	6
	08-25-92	<1	1	100	<1	10	<1	<1	<1	100	30	20	5
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<1	1	20	<1	20	2	<1	<1	10	80	50	1
	08-25-92	<1	1	90	<1	20	3	<1	<1	<10	40	50	<1
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<1	2	220	<1	30	<1	<1	<1	<10	240	40	<1
	09-29-93	<1	<1	120	<1	30	<1	<1	<1	<10	100	30	<1
	04-20-94	<1	<1	80	<1	20	2	<1	<1	<10	70	50	<1
	08-29-94	<1	<1	30	<1	20	<1	<1	<1	<10	30	40	<1
	05-10-95	<1	2	410	<1	30	2	1	<1	<10	430	50	<1

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	PROPACHLOR, WATER, DISS, REC (UG/L)	BUTYLATE, WATER, DISS, REC (UG/L)	BROMACIL, WATER, DISS, REC (UG/L)	SIMAZINE, WATER, DISS, REC (UG/L)	PROMETON, WATER, DISS, REC (UG/L)	DESETHYL ATRAZINE, WATER, DISS, REC (UG/L)	CYANAZINE, WATER, DISS, REC (UG/L)	FONOFOS WATER DISS REC (UG/L)	DIBROMOMETHANE WATER WHOLE RECOVER (UG/L)	BROMACIL WATER WHL REC (UG/L)	BUTACHLOR WATER WHL REC (UG/L)	BUTYLATE WATER WHL REC (UG/L)
11S 19E 26DCC4	04-12-94	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200	—	—	—
	08-30-94	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	08-24-92	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	08-25-92	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	08-25-92	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	09-29-93	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.100	<0.100
	04-20-94	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200	—	—	—
	08-29-94	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200	—	—	—
	05-10-95	<0.007	<0.002	0.120	<0.005	E0.002	<0.002	<0.004	<0.003	<0.200	—	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	CARBON IN WATER WHOLE RECOVERABLE (UG/L)	CYCLOATE WATER WHOLE RECOVERABLE (UG/L)	DIPHENAMID WATER WHOLE RECOVERABLE (UG/L)	HEXAZINONE WATER WHOLE RECOVERABLE (UG/L)	PROPACHLOR WATER WHOLE RECOV. (UG/L)	TERBACIL WATER WHOLE RECOV. (UG/L)	VERNOLATE WATER WHOLE RECOV. (UG/L)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	DICHLOROBROMOMETHANE TOTAL (UG/L)	CARBONTETRACHLORIDE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)
11S 19E 26DCC4	04-12-94	—	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.200
	08-30-94	—	—	—	—	—	—	—	—	—	<0.200	<0.200	<0.200
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	—	—	<0.200	<0.200	<0.200
	08-24-92	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	—	—	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	<1	<1	—	—	—
	09-29-93	—	—	—	—	—	—	—	<1	<1	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	<1	K2	—	—	—
	08-13-96	—	—	—	—	—	—	—	<1	7	—	—	—
11S 19E 23CDA1	05-12-92	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	—	—	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	—	—	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	<1	<1	—	—	—
	05-11-93	—	—	—	—	—	—	—	<1	<1	—	—	—
	09-28-93	—	—	—	—	—	—	—	<1	K1	—	—	—
	03-09-94	—	—	—	—	—	—	—	<1	<1	—	—	—
	04-20-94	—	—	—	—	—	—	—	<1	<1	—	—	—
	04-28-94	—	—	—	—	—	—	—	<1	<1	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	<1	<1	—	—	—
	04-25-95	—	—	—	—	—	—	—	<1	<1	—	—	—
	05-02-95	—	—	—	—	—	—	—	<1	<1	—	—	—
	05-09-95	—	—	—	—	—	—	—	<1	<1	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	<1	<1	—	—	—
	05-01-96	—	—	—	—	—	—	—	<1	<1	—	—	—
	08-13-96	—	—	—	—	—	—	—	<1	<1	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	—	—	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	—	—	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	K23	K22	<0.200	<0.200	<0.200
	09-29-93	<0.200	<0.100	<0.100	<0.200	<0.100	<0.200	<0.100	K8	K250	<0.200	<0.200	<0.200
	04-20-94	—	—	—	—	—	—	—	<1	<1	<0.200	<0.200	<0.200
	08-29-94	—	—	—	—	—	—	—	K12	300	<0.200	<0.200	<0.200
	05-10-95	—	—	—	—	—	—	—	K20	250	<0.200	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	BROMO-FORM TOTAL (UG/L)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L)	CHLORO-FORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	ACRO-LEIN TOTAL (UG/L)	ACRYLO-NITRILE TOTAL (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)	CHLORO-BENZENE TOTAL (UG/L)	CHLORO-ETHANE TOTAL (UG/L)	ETHYL-BENZENE TOTAL (UG/L)	METHYL-BROMIDE TOTAL (UG/L)
11S 19E 26DCC4	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	<0.002	<0.200	<0.200	<0.200	<0.200
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	<0.002	<0.200	<0.200	<0.200	<0.200
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	08-24-92	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.200	<0.200	<0.200	0.300	0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	09-29-93	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	—	<0.200	<0.200	<0.200	<0.200
	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	<0.002	<0.200	<0.200	<0.200	<0.200
	08-29-94	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0	<0.002	<0.200	<0.200	<0.200	<0.200
	05-10-95	<0.200	<0.200	<0.200	0.200	<0.200	—	—	<0.002	<0.200	<0.200	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	METHYL-CHLORIDE TOTAL (UG/L)	METHYLENE CHLORIDE TOTAL (UG/L)	TETRACHLOROETHYLENE TOTAL (UG/L)	TRICHLOROFLUOROMETHANE TOTAL (UG/L)	1,1-DICHLOROETHANE TOTAL (UG/L)	1,1-DICHLOROETHYLENE TOTAL (UG/L)	1,1,1-TRICHLOROETHANE TOTAL (UG/L)	1,1,2-TRICHLOROETHANE TOTAL (UG/L)	ETHANE, 1,1,2,2-TETRACHLORO-WAT UNF REC (UG/L)	BENZENE O-DICHLORO-WATER UNFLTRD REC (UG/L)	1,2-DICHLOROPROPANE TOTAL (UG/L)	1,2-TRANSDICHLOROETHENE TOTAL (UG/L)
11S 19E 26DCC4	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-24-92	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-29-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-29-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-10-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L)	P,P' DDE DISSOLV (UG/L)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L)	NAPHTH-ALENE TOTAL (UG/L)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L)	CIS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)
11S 19E 26DCC4	04-12-94	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200	<0.200	<0.200	<0.035	<0.018	<0.050
	08-30-94	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200	<0.200	<0.200	<0.035	<0.018	<0.050
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	08-24-92	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	08-25-92	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	08-25-92	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	09-29-93	<0.200	<0.200	<0.200	<1.00	—	<0.200	<0.200	<0.200	<0.200	—	—	—
	04-20-94	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200	<0.200	<0.200	<0.035	<0.018	<0.050
	08-29-94	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200	<0.200	<0.200	<0.035	<0.018	<0.050
	05-10-95	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200	<0.200	<0.200	<0.035	<0.018	<0.050

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-PYRIFOS TOTAL RECOVER (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)	DISUL-FOTON UNFILT RECOVER (UG/L)	PHORATE TOTAL (UG/L)	PRO-PAZINE TOTAL (UG/L)
11S 19E 26DCC4	04-12-94	<0.035	<0.026	—	<0.014	<0.035	<0.035	<0.018	—	<0.004	—	—	—
	08-30-94	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018	—	<0.004	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	08-24-92	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	08-25-92	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	08-25-92	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	09-29-93	—	—	—	—	—	—	—	<0.010	—	<0.010	<0.010	<0.100
	04-20-94	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018	—	<0.004	—	—	—
	08-29-94	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018	—	<0.004	—	—	—
	05-10-95	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018	—	<0.004	—	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	TRI-FLURA-LIN TOTAL RECOVER (UG/L)	DEF TOTAL (UG/L)	SIME-TRYNE TOTAL (UG/L)	SIMA-ZINE TOTAL (UG/L)	PROME-TONE TOTAL (UG/L)	PROME-TRYNE TOTAL (UG/L)	VINYL CHLO-RIDE TOTAL (UG/L)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L)	LINDANE DIS-SOLVED (UG/L)	DI-ELDRIN DIS-SOLVED (UG/L)	ETHION, TOTAL (UG/L)	METO-LACHLOR WATER DISSOLV (UG/L)
11S 19E 26DCC4	04-12-94	—	—	—	—	—	—	<0.200	<0.200	<0.004	<0.001	—	<0.002
	08-30-94	—	—	—	—	—	—	<0.200	<0.200	<0.004	<0.001	—	<0.002
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	08-24-92	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	08-25-92	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	08-25-92	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	09-29-93	<0.100	<0.010	<0.100	<0.100	<0.200	<0.100	<0.200	<0.200	—	—	<0.010	—
	04-20-94	—	—	—	—	—	—	<0.200	<0.200	<0.004	<0.001	—	<0.002
	08-29-94	—	—	—	—	—	—	<0.200	<0.200	<0.004	<0.001	—	<0.002
	05-10-95	—	—	—	—	—	—	<0.200	<0.200	<0.004	<0.001	—	<0.002

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	MALA-THION, TOTAL (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	PARA-THION, TOTAL (UG/L)	PARA-THION, DIS-SOLVED (UG/L)	DI-AZINON, TOTAL (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	METHYL PARA-THION, TOTAL (UG/L)	ATRA-ZINE WATER UNFLTRD REC (UG/L)	ATRA-ZINE, WATER, DISS, REC (UG/L)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L)	PIC-LORAM UNFILT RECOVER (UG/L)	2,4-D, TOTAL (UG/L)
11S 19E 26DCC4	04-12-94	—	<0.005	—	<0.004	—	<0.002	—	—	<0.001	<0.200	—	—
	08-30-94	—	<0.005	—	<0.004	—	<0.002	—	—	<0.001	<0.200	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	<0.010	<0.010
	08-24-92	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	<0.010	<0.010
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	<0.010	<0.010
	08-25-92	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	<0.010	<0.010
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	0.050	<0.010
	08-25-92	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	<0.010	0.120
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	<0.010	0.090
	09-29-93	<0.010	—	<0.010	—	<0.010	—	<0.010	<0.100	—	<0.200	<0.010	<0.010
	04-20-94	—	<0.005	—	<0.004	—	<0.002	—	—	<0.001	<0.200	—	—
	08-29-94	—	<0.005	—	<0.004	—	<0.002	—	—	<0.001	<0.200	—	—
	05-10-95	—	<0.005	—	<0.004	—	<0.002	—	—	E0.006	<0.200	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	2,4-D, DIS-SOLVED (UG/L)	2,4,5-T TOTAL (UG/L)	2,4,5-T DIS-SOLVED (UG/L)	SILVEX, TOTAL (UG/L)	SILVEX, DIS-SOLVED (UG/L)	TOTAL TRI-THION (UG/L)	ALA-CHLOR, WATER, DISS, REC, (UG/L)	TRI-CLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-PHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ACETO-CHLOR, WATER FLTRD REC (UG/L)	PIC-LORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ORY-ZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)
11S 19E 26DCC4	04-12-94	<0.035	—	<0.035	—	<0.021	—	<0.002	<0.050	<0.035	—	<0.050	<0.019
	08-30-94	<0.035	—	<0.035	—	<0.021	—	<0.002	<0.050	<0.035	—	<0.050	<0.019
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	08-24-92	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	08-25-92	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	08-25-92	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	09-29-93	—	<0.010	—	<0.010	—	<0.010	—	—	—	—	—	—
	04-20-94	<0.035	—	<0.035	—	<0.021	—	<0.002	<0.050	<0.035	—	<0.050	<0.019
	08-29-94	<0.035	—	<0.035	—	<0.021	—	<0.002	<0.050	<0.035	—	<0.050	<0.019
	05-10-95	<0.035	—	<0.035	—	<0.021	—	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L)	ESFENVALERATE, WAT,FLT GF 0.7U REC (UG/L)	DNOC WAT,FLT GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOBENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L)
11S 19E 26DCC4	04-12-94	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017
	08-30-94	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	—	—	—	—	—	—	—	—	—	—	—
	08-24-92	—	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	—	—	—	—	—	—	—	—	—	—	—	—
	08-25-92	—	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	—	—	—	—	—	—	—
	08-25-92	—	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017
	08-29-94	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017
	05-10-95	<0.024	<0.015	<0.007	<0.017	<0.013	<0.019	<0.035	0.070	<0.035	<0.032	<0.020	<0.017

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L)	CHLORAMBEN, WATER, FLTRD, GF 0.7U REC (UG/L)	3-HYDROXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)
11S 19E 26DCC4	04-12-94	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	299
	08-30-94	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	331
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	313
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	372
11S 19E 26ACC1	05-11-92	—	—	—	—	—	—	—	—	—	—	—	259
	08-24-92	—	—	—	—	—	—	—	—	—	—	—	254
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—	307
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	296
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	304
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	287
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	331
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	270
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	268
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	347
11S 19E 23CDA1	05-12-92	—	—	—	—	—	—	—	—	—	—	—	1130
	08-25-92	—	—	—	—	—	—	—	—	—	—	—	1300
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—	724
	09-28-93	—	—	—	—	—	—	—	—	—	—	—	1340
	03-09-94	—	—	—	—	—	—	—	—	—	—	—	1360
	04-20-94	—	—	—	—	—	—	—	—	—	—	—	550
	04-28-94	—	—	—	—	—	—	—	—	—	—	—	1310
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	1310
	04-10-95	—	—	—	—	—	—	—	—	—	—	—	1320
	04-25-95	—	—	—	—	—	—	—	—	—	—	—	534
	05-02-95	—	—	—	—	—	—	—	—	—	—	—	460
	05-09-95	—	—	—	—	—	—	—	—	—	—	—	444
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	1240
	02-27-96	—	—	—	—	—	—	—	—	—	—	—	1230
	05-01-96	—	—	—	—	—	—	—	—	—	—	—	381
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	1230
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	—	—	—	—	—	—	257
	08-25-92	—	—	—	—	—	—	—	—	—	—	—	268
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—	—	—	279
	09-29-93	—	—	—	—	—	—	—	—	—	—	—	264
	04-20-94	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	265
	08-29-94	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	249
	05-10-95	<0.050	<0.035	<0.011	<0.014	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	268

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	SOLIDS, DISSOLVED (TONS PER AC-FT)	PHOSPHORUS ORTHO TOTAL (MG/L AS P)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	NITROGEN, AMMONIA TOTAL (MG/L AS NH4)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2)	NITROGEN, TOTAL (MG/L AS NO3)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)
11S 19E 26DCC4	04-12-94	0.41	—	<0.100	<0.100	—	0.05	6.6	0.03	—	0.10	4211	965.00
	08-30-94	0.45	—	<0.100	<0.100	—	0.03	—	—	—	<0.10	4211	965.00
	04-13-95	0.43	—	—	—	—	0.03	—	—	—	—	4211	965.00
	08-09-95	0.51	—	—	—	—	0.03	—	—	—	—	4211	965.00
11S 19E 26ACC1	05-11-92	0.35	0.020	<0.100	<0.100	—	—	—	—	—	0.10	4197	835.00
	08-24-92	0.35	—	<0.100	<0.100	—	—	—	—	—	0.10	4197	835.00
	09-30-92	—	0.010	—	—	0.01	—	—	—	—	—	4197	835.00
	05-13-93	0.42	—	—	—	—	0.05	—	—	—	—	4197	835.00
	09-29-93	0.40	—	—	—	—	0.04	—	—	—	—	4197	835.00
	04-12-94	0.41	—	<0.100	<0.100	—	0.03	—	—	—	—	4197	835.00
	08-29-94	0.39	—	—	—	—	0.01	—	—	—	—	4197	835.00
	04-13-95	0.45	—	—	—	—	—	—	—	—	—	4197	835.00
	08-09-95	0.37	—	—	—	—	—	—	—	—	—	4197	835.00
	05-14-96	0.36	—	—	—	—	0.05	—	—	—	—	4197	835.00
	08-13-96	0.47	—	—	—	—	0.04	7.9	0.07	—	—	4197	835.00
11S 19E 23CDA1	05-12-92	1.53	0.030	<0.100	<0.100	—	—	—	—	—	<0.10	4190	1120
	08-25-92	1.77	—	<0.100	<0.100	—	—	—	—	—	<0.10	4190	1120
	09-30-92	—	0.020	—	—	0.03	—	—	—	27	—	4190	1120
	05-11-93	0.99	—	—	—	—	0.04	—	—	—	—	4190	1120
	09-28-93	1.83	—	—	—	—	0.04	—	—	—	—	4190	1120
	03-09-94	1.84	—	—	—	—	0.05	—	—	—	—	4190	1120
	04-20-94	0.75	—	—	—	—	0.03	—	—	—	—	4190	1120
	04-28-94	1.78	—	—	—	—	0.04	—	—	—	—	4190	1120
	08-29-94	1.78	—	—	—	—	0.03	—	—	—	—	4190	1120
	04-10-95	1.80	—	—	—	—	—	—	—	—	—	4190	1120
	04-25-95	0.73	—	—	—	—	—	—	—	—	—	4190	1120
	05-02-95	0.63	—	—	—	—	—	—	—	—	—	4190	1120
	05-09-95	0.60	—	—	—	—	—	—	—	—	—	4190	1120
	08-09-95	1.68	—	—	—	—	0.03	—	—	—	—	4190	1120
	02-27-96	1.68	—	—	—	—	0.03	24	0.07	—	—	4190	1120
	05-01-96	0.52	—	—	—	—	—	—	—	—	—	4190	1120
	08-13-96	1.68	—	—	—	—	0.05	20	0.03	—	—	4190	1120
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	0.35	0.020	0.600	<0.100	—	—	—	—	—	<0.10	4129	—
	08-25-92	0.36	—	2.00	0.200	—	—	—	—	—	<0.10	—	—
	09-30-92	—	0.030	—	—	0.03	—	—	—	—	—	—	—
	05-18-93	0.38	—	2.30	0.100	—	0.09	—	—	—	<0.10	—	—
	09-29-93	0.36	—	2.40	0.100	—	0.06	0.23	0.07	—	<0.10	—	—
	04-20-94	0.36	—	15.0	0.200	—	0.04	—	—	—	<0.10	—	—
	08-29-94	0.34	—	2.40	1.00	—	0.04	—	—	—	<0.10	—	—
	05-10-95	0.36	—	11.0	0.400	—	0.06	0.31	0.07	—	<0.10	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	DES-ISO-PROPYL ATRAZINE WATER, WHOLE, TOTAL (UG/L)	DESETHYL ATRA-ZINE, WATER, WHOLE, TOTAL (UG/L)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L)	STYRENE TOTAL (UG/L)	1,1-DI-CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L)	2,2-DI-CHLORO-PRO-PANE WAT, WH TOTAL (UG/L)	1,3-DI-CHLORO-PROPANE WAT, WH TOTAL (UG/L)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L)	BENZENE N-PROPYL WATER UNFLTRD REC (UG/L)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L)
11S 19E 26DCC4	04-12-94	235.70	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-13-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-24-92	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	60.90	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	203.83	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	218.25	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-25-92	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	199.66	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	225.15	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	220.05	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	197.48	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	219.50	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	216.43	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	182.45	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	181.58	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	175.50	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	315.92	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	208.65	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	173.02	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-25-92	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-29-93	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-20-94	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-29-94	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-10-95	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L)	METHANE BROMO-CHLORO-WAT UNFLTRD REC (UG/L)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L)	1,2,3-TRI-CHLORO-BENZENE WAT, WH REC (UG/L)	1,2-DIBROMO-ETHANE WATER WHOLE TOTAL (UG/L)
11S 19E 26DCC4	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-24-92	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-25-92	<0.200	<0.200	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	09-29-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-29-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-10-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	FREON-113 WATER UNFLTRD REC (UG/L)	ALA-CHLOR TOTAL RECOVER (UG/L)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L)	XYLENE WATER UNFLTRD REC (UG/L)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L)	CYAN-AZINE TOTAL (UG/L)	DICAMBA TOTAL (UG/L)	2, 4-DP TOTAL (UG/L)	AME-TRYNE TOTAL (UG/L)	METRI-BUZIN WATER WHOLE TOT.REC (UG/L)	METOLA-CHLOR WATER WHOLE TOT.REC (UG/L)
11S 19E 26DCC4	04-12-94	<0.200	—	<0.200	<0.200	<0.200	—	—	—	—	—	—
	08-30-94	<0.200	—	<0.200	<0.200	<0.200	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	<0.100	—	<0.200	<0.200	<0.200	<0.010	<0.010	<0.100	<0.100	<0.200
	08-24-92	—	<0.100	—	<0.200	<0.200	<0.200	<0.010	<0.010	<0.100	<0.100	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	08-25-92	—	<0.100	—	<0.200	<0.200	<0.200	<0.010	<0.010	<0.100	<0.100	<0.200
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH	05-11-92	—	<0.100	—	0.400	<0.200	<0.200	0.020	<0.010	<0.100	<0.100	<0.200
LAKE AT	08-25-92	—	<0.100	—	<0.200	<0.200	<0.200	<0.010	<0.010	<0.100	<0.100	<0.200
PUMP STATION	09-30-92	—	—	—	—	—	—	—	—	—	—	—
WEST	05-18-93	<0.500	<0.100	<1.00	0.200	<0.200	<0.200	0.030	<0.010	<0.100	<0.100	<0.200
	09-29-93	<0.500	<0.100	<1.00	<0.200	<0.200	<0.200	<0.010	<0.010	<0.100	<0.100	<0.200
	04-20-94	<0.200	—	<0.200	0.200	<0.200	—	—	—	—	—	—
	08-29-94	<0.200	—	<0.200	<0.200	<0.200	—	—	—	—	—	—
	05-10-95	<0.200	—	<0.200	0.500	<0.200	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL DENTI-FIER	DATE	FONOFOS (DY-FONATE) WATER WHOLE TOT.REC (UG/L)	DIBROMO-CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L)	2,6-DI-ETHYL-ANILINE WAT FLT 0.7 U GF, REC (UG/L)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)
11S 19E 26DCC4	04-12-94	—	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002
	08-30-94	—	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	<0.010	<1.00	—	—	—	—	—	—	—	—	—
	08-24-92	<0.010	<1.00	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
	05-12-92	<0.010	<1.00	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	08-25-92	<0.010	<1.00	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	<0.010	<1.00	—	—	—	—	—	—	—	—	—
	08-25-92	<0.010	<1.00	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	<0.010	<1.00	—	—	—	—	—	—	—	—	—
	09-29-93	<0.010	<1.00	—	—	—	—	—	—	—	—	—
	04-20-94	—	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002
	08-29-94	—	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	<0.002
	05-10-95	—	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007	<0.002	<0.006	0.010

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L)
11S 19E 26DCC4	04-12-94	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004
	08-30-94	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	—	—	—	—	—	—	—	—	—	—
	08-24-92	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	—	—	—	—	—	—	—	—	—	—	—
	08-25-92	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	—	—	—	—	—	—
	08-25-92	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004
	08-29-94	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004
	05-10-95	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003	<0.017	<0.001	<0.004

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)	SPECIFIC CONDUCTANCE LAB (US/CM)	ALKALINITY LAB (MG/L AS CACO3)	DIAZINON D10 SRG WAT FLT 0.7 U GF, REC PERCENT
11S 19E 26DCC4	04-12-94	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	463	92	83.5
	08-30-94	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	512	97	130
	04-13-95	—	—	—	—	—	—	—	—	489	94	—
	08-09-95	—	—	—	—	—	—	—	—	598	102	—
11S 19E 26ACC1	05-11-92	—	—	—	—	—	—	—	—	358	110	—
	08-24-92	—	—	—	—	—	—	—	—	358	113	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	433	127	—
	09-29-93	—	—	—	—	—	—	—	—	441	148	—
	04-12-94	—	—	—	—	—	—	—	—	460	158	—
	08-29-94	—	—	—	—	—	—	—	—	445	144	—
	04-13-95	—	—	—	—	—	—	—	—	513	174	—
	08-09-95	—	—	—	—	—	—	—	—	431	139	—
	05-14-96	—	—	—	—	—	—	—	—	419	139	—
	08-13-96	—	—	—	—	—	—	—	—	562	128	—
11S 19E 23CDA1	05-12-92	—	—	—	—	—	—	—	—	2040	196	—
	08-25-92	—	—	—	—	—	—	—	—	2050	208	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	1130	155	—
	09-28-93	—	—	—	—	—	—	—	—	2090	226	—
	03-09-94	—	—	—	—	—	—	—	—	2080	221	—
	04-20-94	—	—	—	—	—	—	—	—	889	150	—
	04-28-94	—	—	—	—	—	—	—	—	2060	224	—
	08-29-94	—	—	—	—	—	—	—	—	2010	208	—
	04-10-95	—	—	—	—	—	—	—	—	2070	223	—
	04-25-95	—	—	—	—	—	—	—	—	863	156	—
	05-02-95	—	—	—	—	—	—	—	—	743	155	—
	05-09-95	—	—	—	—	—	—	—	—	705	152	—
	08-09-95	—	—	—	—	—	—	—	—	1960	209	—
	02-27-96	—	—	—	—	—	—	—	—	1930	222	—
	05-01-96	—	—	—	—	—	—	—	—	583	128	—
	08-13-96	—	—	—	—	—	—	—	—	1940	213	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	—	—	—	416	126	—
	08-25-92	—	—	—	—	—	—	—	—	461	155	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	474	152	—
	09-29-93	—	—	—	—	—	—	—	—	446	158	—
	04-20-94	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	453	152	97.7
	08-29-94	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	435	147	110
	05-10-95	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005	477	162	114

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	TERBUTH-YLAZINE SURROGT WAT FLT 0.7 U GF, REC PERCENT	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT	ETHANE 12DICL SURROG VOC UNFLTRD REC PERCENT	TOLUENE D8 SURROG VOC UNFLTRD REC PERCENT	BENZENE 14BRFL SURROG VOC UNFLTRD REC PERCENT	BDMC, SURROG, WATER, UNFLTRD REC PERCENT	SAMPLE VOLUME, SCHED-ULE 2050 (ML)	SAMPLE VOLUME SCHED-ULE 2001 (ML)	SAMPLE VOLUME SCHED-ULE 0079 (ML)	SAMPLE VOLUME SCHED-ULE 1389 (ML)	SAMPLE VOLUME SCHED-ULE 1319 (ML)
11S 19E 26DCC4	04-12-94	80.7	78.9	—	—	—	4.00	940	923	—	—	—
	08-30-94	99.0	101	<0.00	<0.00	<0.00	53.0	922	943	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
11S 19E 26ACC1	05-11-92	—	—	—	—	—	—	—	—	—	—	—
	08-24-92	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-13-93	—	—	—	—	—	—	—	—	—	—	—
	09-29-93	—	—	—	—	—	—	—	—	—	—	—
	04-12-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-13-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	05-12-92	—	—	—	—	—	—	—	—	—	—	—
	08-25-92	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—	—	—
	03-09-94	—	—	—	—	—	—	—	—	—	—	—
	04-20-94	—	—	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—	—	—
	08-29-94	—	—	—	—	—	—	—	—	—	—	—
	04-10-95	—	—	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	02-27-96	—	—	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION WEST	05-11-92	—	—	—	—	—	—	—	—	—	—	—
	08-25-92	—	—	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—	—	—
	05-18-93	—	—	—	—	—	—	—	—	921	968	965
	09-29-93	—	—	—	—	—	—	—	—	975	990	992
	04-20-94	98.9	84.9	—	—	—	<0.00	870	944	—	—	—
	08-29-94	98.4	97.2	99.0	<0.00	99.0	68.0	953	942	—	—	—
	05-10-95	115	103	98.0	98.0	<0.00	81.0	942	934	—	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	SPECIFIC CONDUCTANCE (US/CM)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	PH WATER WHOLE FIELD (STANDARD UNITS)	PH WATER WHOLE LAB (STANDARD UNITS)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)
MURTAUGH LAKE AT PUMP STATION WEST	422728114101601	08-08-95	19.0	330	7.1	90	8.9	8.4	107
		05-13-96	16.5	393	10.8	129	8.5	8.5	137
		08-12-96	22.0	303	10.5	140	8.6	8.4	100

LOCAL IDENTIFIER	DATE	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	0.40	0.27	0.030	<0.010	—	0.100	0.30	0.100	0.100	0.06	0.020	5.7
	05-13-96	—	—	0.050	<0.010	—	—	<0.20	—	<0.050	0.03	0.010	—
	08-12-96	—	—	0.030	0.010	0.070	0.070	<0.20	0.080	0.080	0.03	0.010	—

LOCAL IDENTIFIER	DATE	HARDNESS TOTAL (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	ARSENIC TOTAL (UG/L AS AS)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	120	27	13	17	0.7	23	3.4	17	31	0.60	2.4	3
	05-13-96	170	42	15	18	0.6	19	3.2	17	42	0.70	5.3	—
	08-12-96	120	28	12	13	0.5	19	2.6	11	26	0.50	3.6	—

LOCAL IDENTIFIER	DATE	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<100	<10	<1	<1	1	<1	410	<1	20	1	<1	<1
	05-13-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	SELENIUM, TOTAL (UG/L AS SE)	PROPACHLOR, WATER, DISS, REC (UG/L)	BUTYLATE, WATER, DISS, REC (UG/L)	BROMACIL, WATER, DISS, REC (UG/L)	SIMAZINE, WATER, DISS, REC (UG/L)	PROMETON, WATER, DISS, REC (UG/L)	DESETHYL ATRAZINE, WATER, DISS, REC (UG/L)	CYANAZINE, WATER, DISS, REC (UG/L)	FONOFOS WATER DISS REC (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<10	470	30	<1	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003
	05-13-96	—	—	—	—	<0.007	<0.002	—	<0.005	<0.018	<0.004	<0.004	<0.003
	08-12-96	—	—	—	—	<0.007	<0.002	—	<0.005	<0.018	<0.005	<0.004	<0.003

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L)	BROMO-FORM TOTAL (UG/L)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L)	CHLORO-FORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	ALPHA BHC DIS-SOLVED (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.200	K23	210	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.002
	05-13-96	<0.200	K3	K3	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	1.60	0.400	<0.002
	08-12-96	<0.200	80	320	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.002

LOCAL IDENTIFIER	DATE	CHLORO-BENZENE TOTAL (UG/L)	CHLORO-ETHANE TOTAL (UG/L)	ETHYL-BENZENE TOTAL (UG/L)	METHYL-BROMIDE TOTAL (UG/L)	METHYL-CHLO-RIDE TOTAL (UG/L)	METHYL-ENE CHLO-RIDE TOTAL (UG/L)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.200	<0.200	4.10	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-13-96	<0.200	<0.200	0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-12-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENTIFIER	DATE	ETHANE, 1,1,2,2-TETRA-CHLORO-WAT UNF REC (UG/L)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L)	1,2-TRANSDI-CHLORO-ETHENE TOTAL (UG/L)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L)	P,P' DDE DISSOLV (UG/L)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L)	NAPHTH-ALENE TOTAL (UG/L)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.001	<0.200	<0.200	<0.200
	05-13-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.002	<0.200	<0.200	<0.200
	08-12-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.006	<0.200	<0.200	<0.200

LOCAL IDENTIFIER	DATE	CIS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOR-PYRIFOS DIS-SOLVED (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018	<0.004
	05-13-96	<0.200	—	—	—	—	—	—	—	—	—	—	<0.004
	08-12-96	<0.200	—	—	—	—	—	—	—	—	—	—	<0.004

LOCAL IDENTIFIER	DATE	VINYL CHLO-RIDE TOTAL (UG/L)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L)	LINDANE DIS-SOLVED (UG/L)	DI-ELDRIN DIS-SOLVED (UG/L)	METO-LACHLOR WATER DISSOLV (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	PARA-THION, DIS-SOLVED (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, DISS, REC (UG/L)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L)	2,4-D, DIS-SOLVED (UG/L)	2,4,5-T DIS-SOLVED (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.200	<0.200	<0.004	<0.001	E0.001	<0.005	<0.004	<0.002	0.004	<0.200	0.150	<0.035
	05-13-96	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	0.007	<0.200	—	—
	08-12-96	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	0.008	<0.200	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENTIFIER	DATE	SILVEX, DISSOLVED (UG/L)	ALACHLOR, WATER, DISS, REC, (UG/L)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ACETOCHLOR, WATER FLTRD REC (UG/L)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L)	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.021	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017	<0.013
	05-13-96	—	<0.002	—	—	<0.002	—	—	—	—	—	—	—
	08-12-96	—	<0.002	—	—	<0.002	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	ESFENVALERATE, WAT,FLT GF 0.7U REC (UG/L)	DNOC WAT,FLT GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOBENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L)	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L)	CHLORAMBEN, WATER, FLTRD, GF 0.7U REC (UG/L)	3-HYDROXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L)	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014	<0.028
	05-13-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ACLFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	176	0.24	1.80	0.100	0.04	—
	05-13-96	—	—	—	—	—	—	225	0.31	—	—	0.06	—
	08-12-96	—	—	—	—	—	—	157	0.21	—	—	0.04	0.31

LOCAL IDENTIFIER	DATE	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	CIS-1,2-DICHLOROETHENE WATER TOTAL (UG/L)	STYRENE TOTAL (UG/L)	1,1-DICHLOROPROPENE, WAT, WH TOTAL (UG/L)	2,2-DICHLOROPROPANE WAT, WH TOTAL (UG/L)	1,3-DICHLOROPROPANE WAT, WH TOTAL (UG/L)	BENZENE 1,2,4-TRI METHYL UNFILT RECOVER (UG/L)	ISOPROPYLBENZENE WATER WHOLE REC (UG/L)	BENZENE N-PROPYL WATER UNFLTRD REC (UG/L)	BENZENE 1,3,5-TRI METHYL WATER UNFLTRD REC (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	—	<0.10	<0.200	0.300	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-13-96	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	0.500	<0.200	<0.200	<0.200
	08-12-96	0.03	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENTIFIER	DATE	O-CHLOROTOLUENE WATER WHOLE TOTAL (UG/L)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L)	METHANE BROMOCHLOROWAT UNFLTRD REC (UG/L)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L)	BENZENE SEC BUTYLWATER UNFLTRD REC (UG/L)	BENZENE TERTBUTYLWATER UNFLTRD REC (UG/L)	P-ISOPROPYLTOLUENE WATER WHOLE REC (UG/L)	1,2,3-TRI CHLOROPROPANE WATER WHOLE TOTAL (UG/L)	ETHANE, 1,1,1,2-TETRACHLOROWAT UNF REC (UG/L)	1,2,3-TRICHLOROBENZENE WAT, WH REC (UG/L)	1,2-DIBROMOETHANE WATER WHOLE TOTAL (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-13-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-12-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1992 through 1996—Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	FREON-113 WATER UNFLTRD REC (UG/L)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L)	XYLENE WATER UNFLTRD REC (UG/L)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L)	DIBROMO-CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L)	2,6-DI-ETHYL-ANILINE WAT FLT 0.7 U GF, REC (UG/L)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.200	<0.200	22.0	<0.200	<1.00	<0.004	<0.003	<0.002	0.005	<0.002	<0.007
	05-13-96	<0.200	<0.200	1.70	<0.200	<1.00	<0.004	<0.003	<0.002	E0.017	<0.002	<0.007
	08-12-96	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002	<0.007

LOCAL IDENT-I-FIER	DATE	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.002	<0.006	0.036	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	05-13-96	<0.002	<0.006	0.021	<0.004	<0.010	<0.004	E0.003	<0.002	<0.003	<0.013	<0.003
	08-12-96	<0.002	<0.006	0.010	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003

LOCAL IDENT-I-FIER	DATE	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	05-13-96	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	08-12-96	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005

LOCAL IDENT-I-FIER	DATE	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	ALKA-LINITY LAB (MG/L AS CACO3)	DIAZ-INON D10 SRG WAT FLT 0.7 U GF, REC PERCENT	TERBUTH-YLAZINE SURROGT WAT FLT 0.7 U GF, REC PERCENT	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT	ETHANE 12DICL SURROG VOC UNFLTRD REC PERCENT	TOLUENE D8 SURROG VOC UNFLTRD REC PERCENT	BENZENE 14BRFL SURROG VOC UNFLTRD REC PERCENT	BDMC, SURROG, WATER, UNFLTRD REC PERCENT	SAMPLE VOLUME, SCHED-ULE 2050 (ML)	SAMPLE VOLUME SCHED-ULE 2001 (ML)
MURTAUGH LAKE AT PUMP STATION WEST	08-08-95	329	109	62.6	80.7	70.1	98.0	104	96.0	92.0	936	900
	05-13-96	398	139	106	107	89.9	104	101	99.0	—	—	970
	08-12-96	304	110	101	103	101	124	99.0	87.0	—	—	925

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPERATURE WATER DEG C)	SPECIFIC CONDUCTANCE (US/CM)	OXYGEN, DISSOLVED (MG/L)	OXYGEN, DISSOLVED (PERCENT SATURATION)	PH WATER WHOLE FIELD (STANDARD UNITS)	PH WATER WHOLE LAB (STANDARD UNITS)	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)
11S 20E 34CAB1	422525114060101	04-13-94	21.5	1050	6.8	90	7.5	7.6	142
		08-30-94	24.5	945	5.2	75	7.3	7.3	135
		04-18-95	20.0	1260	6.1	80	7.6	7.4	140
		08-09-95	20.5	1250	6.3	83	7.6	7.5	141
		05-08-96	20.5	1290	6.6	88	7.2	7.6	138
		08-13-96	21.5	1260	5.0	67	7.3	7.3	135
11S 20E 33AAD1	422542114062701	04-13-94	21.0	1190	5.4	74	7.3	7.3	156
		08-30-94	22.5	1170	5.8	79	7.2	7.4	147
		04-18-95	21.5	1210	5.4	72	7.4	7.3	155
		08-09-95	21.0	1380	6.3	84	7.5	7.5	152
		05-08-96	21.0	1340	5.8	76	7.2	7.5	144
		08-12-96	22.0	1470	8.9	90	7.4	7.5	149
MURTAUGH LAKE AT PUMP STATION EAST	422734114073601	08-30-94	19.0	391	7.7	96	8.3	7.9	127
		05-10-95	12.5	474	—	—	8.4	8.0	160
		08-08-95	17.5	399	4.7	57	7.8	7.7	146
		05-13-96	16.0	388	11.9	141	8.4	8.3	133
		08-12-96	21.5	371	4.9	63	7.8	7.7	133

LOCAL IDENT-I-FIER	DATE	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
11S 20E 34CAB1	04-13-94	—	—	0.030	0.040	0.140	0.140	<0.20	0.180	0.180	0.15	0.050	2.1
	08-30-94	—	—	0.030	<0.010	—	1.80	<0.20	1.80	1.80	—	<0.010	2.3
	04-18-95	—	—	<0.015	<0.010	—	3.90	<0.20	3.90	3.90	0.03	0.010	—
	08-09-95	—	—	<0.015	<0.010	—	3.80	<0.20	3.80	3.80	0.03	0.010	—
	05-08-96	—	—	<0.015	<0.010	—	3.70	<0.20	3.70	3.70	—	<0.010	—
	08-13-96	—	—	0.030	0.030	2.07	2.07	<0.20	2.10	2.10	0.06	0.020	—
11S 20E 33AAD1	04-13-94	—	—	0.030	0.020	3.08	3.08	<0.20	3.10	3.10	0.03	0.010	3.1
	08-30-94	—	—	0.020	<0.010	—	4.20	<0.20	4.20	4.20	0.03	0.010	5.1
	04-18-95	4.2	0.15	0.050	<0.010	—	4.00	0.20	4.00	4.00	0.06	0.020	—
	08-09-95	—	—	<0.015	<0.010	—	4.20	<0.20	4.20	4.20	—	<0.010	—
	05-08-96	4.2	—	<0.015	<0.010	—	4.00	0.20	4.00	4.00	0.03	0.010	—
	08-12-96	—	—	0.030	0.010	4.59	4.59	<0.20	4.60	4.60	0.06	0.020	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	0.36	0.28	0.020	<0.010	—	0.056	0.30	0.056	0.056	—	<0.010	4.5
	05-10-95	0.28	0.15	0.050	<0.010	—	0.080	0.20	0.080	0.080	0.12	0.040	3.4
	08-08-95	0.41	0.26	0.040	<0.010	—	0.110	0.30	0.110	0.110	0.34	0.110	6.1
	05-13-96	—	—	0.070	<0.010	—	—	<0.20	—	<0.050	0.03	0.010	—
	08-12-96	0.39	0.25	0.050	0.010	0.080	0.080	0.30	0.090	0.090	0.21	0.070	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENTIFIER	DATE	HARDNESS TOTAL (MG/L AS CACO3)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	ARSENIC TOTAL (UG/L AS AS)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA)
11S 20E 34CAB1	04-13-94	450	31	26	0.5	11	10	190	96	0.30	47	13	200
	08-30-94	390	27	24	0.5	12	8.9	170	87	0.30	43	11	200
	04-18-95	530	37	30	0.6	11	10	250	120	0.30	51	—	—
	08-09-95	520	35	29	0.6	11	10	230	120	0.30	52	—	—
	05-08-96	530	38	30	0.6	11	11	250	140	0.30	51	—	—
	08-13-96	520	36	30	0.6	11	9.5	230	140	0.30	47	—	—
11S 20E 33AAD1	04-13-94	490	34	36	0.7	13	9.9	210	130	0.30	46	1	<100
	08-30-94	460	33	36	0.7	14	8.9	200	130	0.30	50	2	100
	04-18-95	490	34	39	0.8	14	9.3	210	130	0.20	49	—	—
	08-09-95	550	37	48	0.9	16	10	230	160	0.30	50	—	—
	05-08-96	560	38	45	0.8	15	11	240	170	0.30	48	—	—
	08-12-96	570	42	48	0.9	15	10	250	190	0.20	49	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	150	16	21	0.8	23	4.1	20	44	0.60	9.4	4	<100
	05-10-95	180	17	26	0.8	23	4.6	30	40	0.70	9.5	3	<100
	08-08-95	160	14	16	0.5	17	4.3	17	30	0.60	12	3	<100
	05-13-96	160	15	18	0.6	19	2.8	16	42	0.70	4.7	—	—
	08-12-96	150	13	15	0.5	18	4.3	13	30	0.60	8.8	—	—

LOCAL IDENTIFIER	DATE	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	LEAD, TOTAL RECOVERABLE (UG/L AS PB)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	SILVER, TOTAL RECOVERABLE (UG/L AS AG)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)
11S 20E 34CAB1	04-13-94	<10	<1	3	<1	2	1800	<1	40	<1	1	<1	<10
	08-30-94	<10	<1	<1	<1	6	60	<1	20	20	<1	<1	<10
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<10	<1	2	<1	9	400	<1	20	<1	<1	<1	<10
	08-30-94	<10	<1	1	<1	<1	40	<1	<10	<1	<1	<1	<10
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<10	<1	<1	<1	1	80	3	20	<1	2	<1	20
	05-10-95	<10	<1	<1	<1	1	460	<1	30	2	<1	<1	10
	08-08-95	<10	<1	<1	<1	<1	410	1	30	<1	<1	<1	20
	05-13-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENTIFIER	DATE	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL)	LITHIUM TOTAL RECOVERABLE (UG/L AS LI)	SELENIUM, TOTAL (UG/L AS SE)	PROPACHLOR, WATER, DISS, REC (UG/L)	BUTYLATE, WATER, DISS, REC (UG/L)	BROMACIL, WATER, DISS, REC (UG/L)	SIMAZINE, WATER, DISS, REC (UG/L)	PROMETON, WATER, DISS, REC (UG/L)	DESETHYL ATRAZINE, WATER, DISS, REC (UG/L)	CYANAZINE, WATER, DISS, REC (UG/L)	FONOFOS WATER DISS REC (UG/L)	DIBROMOMETHANE WATER WHOLE RECOVER (UG/L)
11S 20E 34CAB1	04-13-94	<10	20	4	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200
	08-30-94	<10	30	2	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<10	20	3	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200
	08-30-94	10	20	3	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	70	40	<1	<0.007	<0.002	<0.035	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200
	05-10-95	440	60	<1	<0.007	<0.002	<0.035	<0.005	E0.003	E0.002	<0.004	<0.003	<0.200
	08-08-95	490	30	<1	<0.007	<0.002	<0.035	<0.005	<0.018	E0.004	<0.004	<0.003	<0.200
	05-13-96	—	—	—	<0.007	<0.002	—	<0.005	<0.018	<0.002	<0.004	<0.003	<0.200
	08-12-96	—	—	—	<0.007	<0.002	—	<0.005	<0.018	E0.005	<0.004	<0.003	<0.200

LOCAL IDENTIFIER	DATE	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	DICHLOROBROMOMETHANE TOTAL (UG/L)	CARBONTETRACHLORIDE TOTAL (UG/L)	1,2-DICHLOROETHANE TOTAL (UG/L)	BROMOFORM TOTAL (UG/L)	CHLORODIBROMOMETHANE TOTAL (UG/L)	CHLOROFORM TOTAL (UG/L)	TOLUENE TOTAL (UG/L)	BENZENE TOTAL (UG/L)	ACROLEIN TOTAL (UG/L)	ACRYLONITRILE TOTAL (UG/L)
11S 20E 34CAB1	04-13-94	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
	08-30-94	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	<1	K3	—	—	—	—	—	—	—	—	—	—
	08-13-96	<1	<1	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
	08-30-94	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	<1	K5	—	—	—	—	—	—	—	—	—	—
	08-12-96	14	5	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	180	260	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<20.0	<20.0
	05-10-95	K73	K240	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	—
	08-08-95	K100	K980	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	—
	05-13-96	K93	K93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	—
	08-12-96	910	4400	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	ALPHA BHC DIS-SOLVED (UG/L)	CHLORO-BENZENE TOTAL (UG/L)	CHLORO-ETHANE TOTAL (UG/L)	ETHYL-BENZENE TOTAL (UG/L)	METHYL-BROMIDE TOTAL (UG/L)	METHYL-CHLO-RIDE TOTAL (UG/L)	METHYL-ENE CHLO-RIDE TOTAL (UG/L)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L)
11S 20E 34CAB1	04-13-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-10-95	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-08-95	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-13-96	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-12-96	<0.002	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L)	ETHANE, 1,1,2,2-TETRA-CHLORO-WAT UNF REC (UG/L)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L)	1,2-TRANSDI-CHLORO-ETHENE TOTAL (UG/L)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L)	BENZENE 1,3-DI-CHLORO-WATER UNFLTRD REC (UG/L)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L)	2-CHLORO-ETHYL-VINYL-ETHER TOTAL (UG/L)	P,P' DDE DISSOLV (UG/L)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L)	NAPHTH-ALENE TOTAL (UG/L)
11S 20E 34CAB1	04-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
	05-10-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.006	<0.200	<0.200
	08-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	E0.001	<0.200	<0.200
	05-13-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	E0.004	<0.200	<0.200
	08-12-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	—	<0.006	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L)	CIS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L)	DICAMBA WATER, FLTRD, GF 0.7U REC (UG/L)	LINURON WATER, FLTRD, GF 0.7U REC (UG/L)	MCPA, WATER, FLTRD, GF 0.7U REC (UG/L)	MCPB, WATER, FLTRD, GF 0.7U REC (UG/L)	METHIO-CARB, WATER, FLTRD, GF 0.7U REC (UG/L)	PRO-POXUR, WATER, FLTRD, GF 0.7U REC (UG/L)	BENTA-ZON, WATER, FLTRD, GF 0.7U REC (UG/L)	2,4-DB WATER, FLTRD, GF 0.7U REC (UG/L)	FLUO-METURON WATER, FLTRD, GF 0.7U REC (UG/L)	OXAMYL, WATER, FLTRD, GF 0.7U REC (UG/L)
11S 20E 34CAB1	04-13-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	—	<0.014	<0.035	<0.035	<0.018
	08-30-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	—	<0.014	<0.035	<0.035	<0.018
	08-30-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
	05-10-95	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
	08-08-95	<0.200	<0.200	<0.035	<0.018	<0.050	<0.035	<0.026	<0.035	<0.014	<0.035	<0.035	<0.018
	05-13-96	<0.200	<0.200	—	—	—	—	—	—	—	—	—	—
	08-12-96	<0.200	<0.200	—	—	—	—	—	—	—	—	—	—

LOCAL IDENT-I-FIER	DATE	CHLOR-PYRIFOS DIS-SOLVED (UG/L)	VINYL CHLO-RIDE TOTAL (UG/L)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L)	LINDANE DIS-SOLVED (UG/L)	DI-ELDRIN DIS-SOLVED (UG/L)	METO-LACHLOR WATER DISSOLV (UG/L)	MALA-THION, DIS-SOLVED (UG/L)	PARA-THION, DIS-SOLVED (UG/L)	DI-AZINON, DIS-SOLVED (UG/L)	ATRA-ZINE, WATER, DISS, REC (UG/L)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L)	2,4-D, DIS-SOLVED (UG/L)
11S 20E 34CAB1	04-13-94	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.035
	08-30-94	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.035
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.035
	08-30-94	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.035
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGHT LAKE AT PUMP STATION EAST	08-30-94	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	<0.001	<0.200	<0.035
	05-10-95	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	E0.007	<0.200	<0.035
	08-08-95	<0.004	<0.200	<0.200	<0.004	<0.001	E0.001	<0.005	<0.004	<0.002	0.010	<0.200	<0.035
	05-13-96	<0.004	<0.200	<0.200	<0.004	<0.001	E0.003	<0.005	<0.004	<0.002	<0.001	<0.200	—
	08-12-96	<0.004	<0.200	<0.200	<0.004	<0.001	<0.002	<0.005	<0.004	<0.002	0.007	<0.200	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENTIFIER	DATE	2,4,5-T DISSOLVED (UG/L)	SILVEX, DISSOLVED (UG/L)	ALACHLOR, WATER, DISS, REC, (UG/L)	TRICLOPYR, WATER, FLTRD, GF 0.7U REC (UG/L)	PROPHAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ACETOCHLOR, WATER FLTRD REC (UG/L)	PICLORAM, WATER, FLTRD, GF 0.7U REC (UG/L)	ORYZALIN, WATER, FLTRD, GF 0.7U REC (UG/L)	NORFLURAZON, WATER, FLTRD, GF 0.7U REC (UG/L)	NEBURON, WATER, FLTRD, GF 0.7U REC (UG/L)	1-NAPHTHOL, WATER, FLTRD, GF 0.7U REC (UG/L)	METHOMYL, WATER, FLTRD, GF 0.7U REC (UG/L)
11S 20E 34CAB1	04-13-94	<0.035	<0.021	<0.002	<0.050	<0.035	—	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017
	08-30-94	<0.035	<0.021	<0.002	<0.050	<0.035	—	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.035	<0.021	<0.002	<0.050	<0.035	—	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017
	08-30-94	<0.035	<0.021	<0.002	<0.050	<0.035	—	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.035	<0.021	<0.002	<0.050	<0.035	—	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017
	05-10-95	<0.035	<0.021	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017
	08-08-95	<0.035	<0.021	<0.002	<0.050	<0.035	<0.002	<0.050	<0.019	<0.024	<0.015	<0.007	<0.017
	05-13-96	—	—	<0.002	—	—	<0.002	—	—	—	—	—	—
	08-12-96	—	—	E0.003	—	—	<0.002	—	—	—	—	—	—

LOCAL IDENTIFIER	DATE	FENURON, WATER, FLTRD, GF 0.7U REC (UG/L)	ESFENVALERATE, WAT,FLT GF 0.7U REC (UG/L)	DNOC WAT,FLT GF 0.7U REC (UG/L)	DIURON, WATER, FLTRD, GF 0.7U REC (UG/L)	DINOSEB WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLORPROP, WATER, FLTRD, GF 0.7U REC (UG/L)	DICHLOBENIL, WATER, FLTRD, GF 0.7U REC (UG/L)	DACTHAL MONOACID, WAT,FLT GF 0.7U REC (UG/L)	CLOPYRALID, WATER, FLTRD, GF 0.7U REC (UG/L)	CHLOROTHALONIL, WAT,FLT GF 0.7U REC (UG/L)	CHLORAMBEN, WATER, FLTRD, GF 0.7U REC (UG/L)	3-HYDROXY CARBOFURAN WAT,FLT GF 0.7U REC (UG/L)
11S 20E 34CAB1	04-13-94	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	08-30-94	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	08-30-94	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	05-10-95	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	08-08-95	<0.013	<0.019	<0.035	<0.020	<0.035	<0.032	<0.020	<0.017	<0.050	<0.035	<0.011	<0.014
	05-13-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	CARBOFURAN, WATER, FLTRD, GF 0.7U REC (UG/L)	CARBARYL, WATER, FLTRD, GF 0.7U REC (UG/L)	BROMOXYNIL WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB, WATER, FLTRD, GF 0.7U REC (UG/L)	ALDICARB SULFONE WAT,FLT GF 0.7U REC (UG/L)	ALDICARB SULFOXIDE, WAT,FLT GF 0.7U REC (UG/L)	ACIFLUORFEN WATER, FLTRD, GF 0.7U REC (UG/L)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)
11S 20E 34CAB1	04-13-94	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	616	0.84	—	—	0.04
	08-30-94	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	559	0.76	<0.100	<0.100	0.04
	04-18-95	—	—	—	—	—	—	—	750	1.02	—	—	—
	08-09-95	—	—	—	—	—	—	—	728	0.99	—	—	—
	05-08-96	—	—	—	—	—	—	—	769	1.05	—	—	—
	08-13-96	—	—	—	—	—	—	—	733	1.0	—	—	0.04
11S 20E 33AAD1	04-13-94	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	714	0.97	<0.100	<0.100	0.04
	08-30-94	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	695	0.95	<0.100	<0.100	0.03
	04-18-95	—	—	—	—	—	—	—	722	0.98	—	—	0.06
	08-09-95	—	—	—	—	—	—	—	805	1.09	—	—	—
	05-08-96	—	—	—	—	—	—	—	816	1.11	—	—	—
	08-12-96	—	—	—	—	—	—	—	859	1.17	—	—	0.04
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	224	0.30	2.50	0.900	0.03
	05-10-95	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	270	0.37	4.30	0.100	0.06
	08-08-95	<0.028	<0.008	<0.035	<0.016	<0.016	<0.021	<0.035	224	0.31	1.30	<0.100	0.05
	05-13-96	—	—	—	—	—	—	—	220	0.30	—	—	0.09
	08-12-96	—	—	—	—	—	—	—	203	0.28	—	—	0.06

LOCAL IDENT-I-FIER	DATE	NITROGEN, NITRATE DISSOLVED (MG/L AS NO3)	NITROGEN, NITRITE DISSOLVED (MG/L AS NO2)	MERCURY TOTAL RECOVERABLE (UG/L AS HG)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	CIS-1,2-DICHLOROETHENE WATER TOTAL (UG/L)	STYRENE TOTAL (UG/L)	1,1-DICHLOROPROPENE, WAT, WH TOTAL (UG/L)	2,2-DICHLOROPROPANE WAT, WH TOTAL (UG/L)	1,3-DICHLOROPROPANE WAT. WH TOTAL (UG/L)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L)
11S 20E 34CAB1	04-13-94	0.62	0.13	0.50	4245	—	294.25	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	—	—	0.20	4245	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-18-95	—	—	—	4245	—	285.48	—	—	—	—	—	—
	08-09-95	—	—	—	4245	—	274.97	—	—	—	—	—	—
	05-08-96	—	—	—	4245	—	282.18	—	—	—	—	—	—
	08-13-96	9.2	0.10	—	4245	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	14	0.07	<0.10	4223	1020	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	—	—	<0.10	4223	1020	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-18-95	—	—	—	4223	1020	—	—	—	—	—	—	—
	08-09-95	—	—	—	4223	1020	—	—	—	—	—	—	—
	05-08-96	—	—	—	4223	1020	—	—	—	—	—	—	—
	08-12-96	20	0.03	—	4223	1020	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	—	—	<0.10	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-10-95	—	—	<0.10	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-08-95	—	—	0.10	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-13-96	—	—	—	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-12-96	0.35	0.03	—	—	—	—	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L)
11S 20E 34CAB1	04-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-10-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-08-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	05-13-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-12-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	1,2,3-TRI-CHLORO-BENZENE WAT, WH REC (UG/L)	1,2-DIBROMO-ETHANE WATER WHOLE TOTAL (UG/L)	FREON-113 WATER UNFLTRD REC (UG/L)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L)	XYLENE WATER UNFLTRD REC (UG/L)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L)	2,6-DI-ETHYL-ANILINE WAT FLT 0.7 U GF, REC (UG/L)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L)
11S 20E 34CAB1	04-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002
	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002
	05-10-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002
	08-08-95	<0.200	<0.200	<0.200	<0.200	0.300	<0.200	<1.00	<0.004	<0.003	<0.002	0.006	<0.002
	05-13-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002
	08-12-96	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<1.00	<0.004	<0.003	<0.002	<0.004	<0.002

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENTIFIER	DATE	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L)	LINURON WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)
11S 20E 34CAB1	04-13-94	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	08-30-94	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	08-30-94	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	04-18-95	—	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.007	<0.002	<0.006	<0.002	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	05-10-95	<0.007	<0.002	<0.006	0.007	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	08-08-95	<0.007	<0.002	<0.006	0.013	<0.004	<0.010	<0.004	<0.003	<0.002	E0.024	<0.013	<0.003
	05-13-96	<0.007	<0.002	<0.006	0.008	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003
	08-12-96	<0.007	<0.002	<0.006	0.008	<0.004	<0.010	<0.004	<0.003	<0.002	<0.003	<0.013	<0.003

LOCAL IDENTIFIER	DATE	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L)	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L)	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L)
11S 20E 34CAB1	04-13-94	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	08-30-94	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	04-18-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—
	08-13-96	—	—	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	08-30-94	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	04-18-95	—	—	—	—	—	—	—	—	—	—	—
	08-09-95	—	—	—	—	—	—	—	—	—	—	—
	05-08-96	—	—	—	—	—	—	—	—	—	—	—
	08-12-96	—	—	—	—	—	—	—	—	—	—	—
MURTAUGH LAKE AT PUMP STATION EAST	08-30-94	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	05-10-95	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	08-08-95	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	05-13-96	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005
	08-12-96	<0.017	<0.001	<0.004	<0.003	<0.002	<0.002	<0.004	<0.003	<0.013	<0.001	<0.005

Table 1. Background water-quality data for selected sites in the Murtaugh Lake area, 1993 through 1996—Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM)	ALKA-LINITY LAB (MG/L AS CACO3)	DIAZ-INON D10 SRG WAT FLT 0.7 U GF, REC PERCENT	TERBUTH-YLAZINE SURROGT WAT FLT 0.7 U GF, REC PERCENT	HCH ALPHA D6 SRG WAT FLT 0.7 U GF, REC PERCENT	ETHANE 12DICL SURROG VOC UNFLTRD REC PERCENT	TOLUENE D8 SURROG VOC UNFLTRD REC PERCENT	BENZENE 14BRFL SURROG VOC UNFLTRD REC PERCENT	BDMC, SURROG, WATER, UNFLTRD REC PERCENT	SAMPLE VOLUME, SCHED-ULE 2050 (ML)	SAMPLE VOLUME SCHED-ULE 2001 (ML)
11S 20E 34CAB1	04-13-94	1080	143	92.3	90.3	89.7	—	—	—	10.0	950	929
	08-30-94	980	139	112	117	94.8	99.0	<0.00	<0.00	41.0	927	946
	04-18-95	1290	144	—	—	—	—	—	—	—	—	—
	08-09-95	1230	145	—	—	—	—	—	—	—	—	—
	05-08-96	1260	144	—	—	—	—	—	—	—	—	—
	08-13-96	1250	137	—	—	—	—	—	—	—	—	—
11S 20E 33AAD1	04-13-94	1230	155	95.9	92.4	86.9	—	—	—	18.0	934	942
	08-30-94	1190	147	153	119	99.6	<0.00	<0.00	<0.00	47.0	940	924
	04-18-95	1240	155	—	—	—	—	—	—	—	—	—
	08-09-95	1390	159	—	—	—	—	—	—	—	—	—
	05-08-96	1370	151	—	—	—	—	—	—	—	—	—
	08-12-96	1480	154	—	—	—	—	—	—	—	—	—
MURTAUGH	08-30-94	402	128	143	112	103	<0.00	<0.00	<0.00	20.0	922	936
LAKE AT	05-10-95	487	163	96.1	103	91.3	<0.00	98.0	<0.00	88.0	936	925
PUMP STATION EAST	08-08-95	400	149	50.6	76.2	63.0	98.0	101	100	83.0	950	909
	05-13-96	399	137	112	104	91.9	98.0	99.0	93.0	—	—	970
	08-12-96	372	137	100	103	101	102	99.0	79.0	—	—	909

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Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997

Headnotes:

LOCAL IDENTIFIER	site name or number
AC-FT	acre-foot, acre-feet
COLS.	colonies
DEG C	degrees Celsius
DIS.	dissolved
ELEV.	elevation
FET	fixed endpoint titration
FT.	foot, feet
G/M	gallons per minute
INST.	instantaneous
K	nonideal colony count
MG/L	milligrams per liter
ML	milliliter
NGVD	National Geodetic Vertical Datum of 1929
TOT	total
US/CM	microsiemens per centimeter
WAT	water
WH	whole
0.7 UM-MF	pore size of filter—0.7 microgram, membrane filter method
—	no data available
>	greater than
<	less than

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	PH SPE-CIFIC CON-DUCT-ANCE (US/CM)	WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 35AAA1	422553114112701	03-10-94	11.5	—	—	534	7.0
		04-20-94	12.0	—	—	548	7.2
		04-28-94	12.5	—	—	532	7.0
		05-04-94	11.5	—	—	526	7.2
		05-10-94	13.5	—	—	548	7.0
		05-17-94	12.5	—	—	528	6.9
		05-24-94	12.5	—	—	540	7.0
		09-20-94	14.0	—	—	532	7.1
		09-27-94	15.5	—	—	526	7.0
		10-12-94	13.0	—	—	540	7.1
		10-19-94	11.5	—	—	539	7.1
		11-01-94	11.0	—	—	562	7.1
		03-29-95	9.0	—	—	537	7.0
		04-18-95	12.5	—	—	539	7.1
		04-25-95	11.5	—	—	537	7.0
		05-01-95	12.0	—	—	523	7.1
		05-09-95	11.5	—	—	530	7.1
		05-16-95	13.5	—	—	554	7.0
		05-23-95	12.5	—	—	550	7.0
		09-05-95	14.5	—	—	558	6.9
		09-11-95	14.5	—	—	555	7.0
		09-18-95	14.5	—	—	566	7.1
		09-25-95	13.5	—	—	569	7.0
		10-03-95	13.5	—	—	552	7.1
		10-11-95	13.0	—	—	565	7.0
		11-21-95	11.5	—	—	560	7.1
		02-13-96	11.5	—	—	550	6.9
		02-26-96	11.0	—	—	548	6.8
		03-05-96	13.0	—	—	550	7.0
		03-11-96	12.5	—	—	544	6.8
		03-18-96	11.5	—	—	561	6.9
		03-25-96	12.0	—	—	552	6.9
		04-01-96	13.5	—	—	548	7.0
		04-08-96	13.5	—	—	557	6.9
		04-18-96	12.0	—	—	560	7.0
		04-23-96	12.5	—	—	545	6.9
		04-29-96	13.5	—	—	537	7.0
		05-06-96	13.0	—	—	561	7.2
		05-20-96	13.0	—	—	546	6.8
		05-28-96	13.5	—	—	554	6.8

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 35AAA1	03-10-94	110	0.030	<0.010	—	<0.20	—	2.60	0.06	0.020	200
	04-20-94	100	—	—	—	—	—	—	—	—	—
	04-28-94	101	—	—	—	—	—	—	—	—	—
	05-04-94	102	—	—	—	—	—	—	—	—	—
	05-10-94	103	—	—	—	—	—	—	—	—	—
	05-17-94	99	—	—	—	—	—	—	—	—	—
	05-24-94	98	—	—	—	—	—	—	—	—	—
	09-20-94	95	—	—	—	—	—	—	—	—	—
	09-27-94	91	—	—	—	—	—	—	—	—	—
	10-12-94	98	—	—	—	—	—	—	—	—	—
	10-19-94	98	—	—	—	—	—	—	—	—	—
	11-01-94	108	—	—	—	—	—	—	—	—	—
	03-29-95	106	—	—	—	—	—	—	—	—	—
	04-18-95	105	—	—	—	—	—	—	—	—	—
	04-25-95	97	—	—	—	—	—	—	—	—	—
	05-01-95	102	—	—	—	—	—	—	—	—	—
	05-09-95	97	—	—	—	—	—	—	—	—	—
	05-16-95	101	—	—	—	—	—	—	—	—	—
	05-23-95	104	—	—	—	—	—	—	—	—	—
	09-05-95	104	—	—	—	—	—	—	—	—	—
	09-11-95	101	—	—	—	—	—	—	—	—	—
	09-18-95	108	—	—	—	—	—	—	—	—	—
	09-25-95	110	—	—	—	—	—	—	—	—	—
	10-03-95	110	—	—	—	—	—	—	—	—	—
	10-11-95	114	—	—	—	—	—	—	—	—	—
	11-21-95	111	—	—	—	—	—	—	—	—	—
	02-13-96	110	—	—	—	—	—	—	—	—	—
	02-26-96	—	—	—	—	—	—	—	—	—	—
	03-05-96	110	—	—	—	—	—	—	—	—	—
	03-11-96	112	—	—	—	—	—	—	—	—	—
	03-18-96	110	—	—	—	—	—	—	—	—	—
	03-25-96	108	—	—	—	—	—	—	—	—	—
	04-01-96	100	—	—	—	—	—	—	—	—	—
	04-08-96	108	—	—	—	—	—	—	—	—	—
	04-18-96	109	—	—	—	—	—	—	—	—	—
	04-23-96	104	—	—	—	—	—	—	—	—	—
	04-29-96	98	—	—	—	—	—	—	—	—	—
	05-06-96	110	—	—	—	—	—	—	—	—	—
	05-20-96	108	—	—	—	—	—	—	—	—	—
	05-28-96	109	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 35AAA1	03-10-94	55	15	17	0.5	15	6.0	68	47	0.10
	04-20-94	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—
	05-04-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	09-20-94	—	—	—	—	—	—	—	—	—
	09-27-94	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—
	10-19-94	—	—	—	—	—	—	—	—	—
	11-01-94	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—
	05-01-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	09-05-95	—	—	—	—	—	—	—	—	—
	09-11-95	—	—	—	—	—	—	—	—	—
	09-18-95	—	—	—	—	—	—	—	—	—
	09-25-95	—	—	—	—	—	—	—	—	—
	10-03-95	—	—	—	—	—	—	—	—	—
	10-11-95	—	—	—	—	—	—	—	—	—
	11-21-95	—	—	—	—	—	—	—	—	—
	02-13-96	—	—	—	—	—	—	—	—	—
	02-26-96	—	—	—	—	—	—	—	—	—
	03-05-96	—	—	—	—	—	—	—	—	—
	03-11-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-25-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-29-96	—	—	—	—	—	—	—	—	—
	05-06-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 35AAA1	03-10-94	47	<1	K1	333	0.45	0.04	4207	—	—
	04-20-94	—	<1	<1	—	—	—	4207	—	242.15
	04-28-94	—	<1	<1	—	—	—	4207	—	245.30
	05-04-94	—	<1	<1	—	—	—	4207	—	245.43
	05-10-94	—	<1	<1	—	—	—	4207	—	244.17
	05-17-94	—	<1	<1	—	—	—	4207	—	250.43
	05-24-94	—	<1	<1	—	—	—	4207	—	251.85
	09-20-94	—	<1	<1	—	—	—	4207	—	305.58
	09-27-94	—	<1	K1	—	—	—	4207	—	302.45
	10-12-94	—	<1	<1	—	—	—	4207	—	283.27
	10-19-94	—	<1	<1	—	—	—	4207	—	279.38
	11-01-94	—	<1	K5	—	—	—	4207	—	272.35
	03-29-95	—	<1	<1	—	—	—	4207	—	243.27
	04-18-95	—	<1	<1	—	—	—	4207	—	241.13
	04-25-95	—	<1	<1	—	—	—	4207	—	237.50
	05-01-95	—	<1	K1	—	—	—	4207	—	235.33
	05-09-95	—	<1	<1	—	—	—	4207	—	233.76
	05-16-95	—	<1	<1	—	—	—	4207	—	237.61
	05-23-95	—	<1	<1	—	—	—	4207	—	238.14
	09-05-95	—	<1	K7	—	—	—	4207	—	279.15
	09-11-95	—	<1	<1	—	—	—	4207	—	278.30
	09-18-95	—	<1	<1	—	—	—	4207	—	275.18
	09-25-95	—	<1	<1	—	—	—	4207	—	270.35
	10-03-95	—	<1	<1	—	—	—	4207	—	268.78
	10-11-95	—	<1	<1	—	—	—	4207	—	264.15
	11-21-95	—	K190	—	—	—	—	4207	—	251.21
	02-13-96	—	<1	<1	—	—	—	4207	—	238.14
	02-26-96	—	<1	K2	—	—	—	4207	—	235.77
	03-05-96	—	<1	<1	—	—	—	4207	—	235.39
	03-11-96	—	<1	K2	—	—	—	4207	—	231.45
	03-18-96	—	<1	<1	—	—	—	4207	—	229.40
	03-25-96	—	<1	<1	—	—	—	4207	—	226.53
	04-01-96	—	<1	<1	—	—	—	4207	—	225.68
	04-08-96	—	<1	<1	—	—	—	4207	—	224.10
	04-18-96	—	<1	K1	—	—	—	4207	—	223.32
	04-23-96	—	<1	<1	—	—	—	4207	—	222.40
	04-29-96	—	<1	<1	—	—	—	4207	—	220.79
	05-06-96	—	<1	<1	—	—	—	4207	—	222.98
	05-20-96	—	<1	<1	—	—	—	4207	—	228.73
	05-28-96	—	<1	<1	—	—	—	4207	—	226.91

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	STATION NUMBER	DATE	TEMPERATURE WATER (DEG C)	FLOW RATE (G/M)	DISCHARGE, INST. (CUBIC FEET PER SECOND)	SPECIFIC CONDUCTANCE (US/CM)	PH WATER WHOLE FIELD (STANDARD UNITS)
11S 19E 35AAA1	422553114112701	09-09-96	14.0	—	—	560	7.0
		09-17-96	13.0	—	—	572	6.9
		09-24-96	13.5	—	—	566	6.9
		10-09-96	14.0	—	—	572	6.9
		10-15-96	13.5	—	—	580	6.9
		10-21-96	13.0	—	—	558	6.9
		10-28-96	13.0	—	—	566	6.9
		01-22-97	12.5	—	—	568	6.8
		02-10-97	12.0	—	—	565	6.9
		02-19-97	12.5	—	—	576	6.9
		02-24-97	12.0	—	—	570	6.7
		03-04-97	10.5	—	—	566	7.2
		03-10-97	11.5	—	—	573	6.9
		03-17-97	12.5	—	—	570	7.1
		03-24-97	12.0	—	—	562	6.8
		04-01-97	13.0	—	—	571	7.0
		04-07-97	12.5	—	—	569	6.9
		04-15-97	12.0	—	—	526	7.2
		04-22-97	13.5	—	—	542	7.2
		04-29-97	13.5	—	—	533	7.0
		05-08-97	13.5	—	—	549	7.2
		05-14-97	12.5	—	—	573	7.3
		05-20-97	12.5	—	—	585	7.5
11S 19E 26DCC5 INJECTION	422555114115605	04-19-94	14.5	850	1.9	455	8.6
		04-28-94	10.0	775	1.7	431	8.5
		05-03-94	15.0	750	1.7	426	8.5
		05-10-94	16.5	70	0.16	433	8.4
		05-25-94	18.5	400	0.89	399	8.6
		09-20-94	17.0	897	2.0	426	8.2
		10-12-94	12.5	750	1.7	467	8.4
		10-19-94	9.0	725	1.6	500	8.5
		04-24-95	11.0	575	1.3	470	9.0
		05-01-95	11.5	403	0.90	489	8.9
		05-09-95	10.0	415	0.92	100	8.1
		05-17-95	14.0	400	0.89	93	8.0
		05-25-95	14.0	504	1.1	428	8.6
		10-03-95	11.5	675	1.5	412	8.5
		10-11-95	11.0	625	1.4	420	8.8
		10-17-95	11.5	670	1.5	424	8.8
		02-20-96	7.5	215	0.48	128	7.6

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL DIENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 35AAA1	09-09-96	107	—	—	—	—	—	—	—	—	—
	09-17-96	114	—	—	—	—	—	—	—	—	—
	09-24-96	118	—	—	—	—	—	—	—	—	—
	10-09-96	112	—	—	—	—	—	—	—	—	—
	10-15-96	107	—	—	—	—	—	—	—	—	—
	10-21-96	115	—	—	—	—	—	—	—	—	—
	10-28-96	116	—	—	—	—	—	—	—	—	—
	01-22-97	116	—	—	—	—	—	—	—	—	—
	02-10-97	116	—	—	—	—	—	—	—	—	—
	02-19-97	114	—	—	—	—	—	—	—	—	—
	02-24-97	118	—	—	—	—	—	—	—	—	—
	03-04-97	109	—	—	—	—	—	—	—	—	—
	03-10-97	118	—	—	—	—	—	—	—	—	—
	03-17-97	114	—	—	—	—	—	—	—	—	—
	03-24-97	110	—	—	—	—	—	—	—	—	—
	04-01-97	114	—	—	—	—	—	—	—	—	—
	04-07-97	113	—	—	—	—	—	—	—	—	—
	04-15-97	91	—	—	—	—	—	—	—	—	—
	04-22-97	96	—	—	—	—	—	—	—	—	—
	04-29-97	98	—	—	—	—	—	—	—	—	—
	05-08-97	103	—	—	—	—	—	—	—	—	—
	05-14-97	113	—	—	—	—	—	—	—	—	—
	05-20-97	117	—	—	—	—	—	—	—	—	—
11S 19E 26DCC5	04-19-94	162	—	—	—	—	—	—	—	—	—
INJECTION	04-28-94	150	—	—	—	—	—	—	—	—	—
	05-03-94	154	—	—	—	—	—	—	—	—	—
	05-10-94	146	—	—	—	—	—	—	—	—	—
	05-25-94	126	—	—	—	—	—	—	—	—	—
	09-20-94	149	—	—	—	—	—	—	—	—	—
	10-12-94	165	—	—	—	—	—	—	—	—	—
	10-19-94	173	—	—	—	—	—	—	—	—	—
	04-24-95	132	—	—	—	—	—	—	—	—	—
	05-01-95	161	—	—	—	—	—	—	—	—	—
	05-09-95	37	—	—	—	—	—	—	—	—	—
	05-17-95	36	—	—	—	—	—	—	—	—	—
	05-25-95	145	—	—	—	—	—	—	—	—	—
	10-03-95	149	—	—	—	—	—	—	—	—	—
	10-11-95	153	—	—	—	—	—	—	—	—	—
	10-17-95	152	—	—	—	—	—	—	—	—	—
	02-20-96	46	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 35AAA1	09-09-96	—	—	—	—	—	—	—	—	—
	09-17-96	—	—	—	—	—	—	—	—	—
	09-24-96	—	—	—	—	—	—	—	—	—
	10-09-96	—	—	—	—	—	—	—	—	—
	10-15-96	—	—	—	—	—	—	—	—	—
	10-21-96	—	—	—	—	—	—	—	—	—
	10-28-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	02-10-97	—	—	—	—	—	—	—	—	—
	02-19-97	—	—	—	—	—	—	—	—	—
	02-24-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-10-97	—	—	—	—	—	—	—	—	—
	03-17-97	—	—	—	—	—	—	—	—	—
	03-24-97	—	—	—	—	—	—	—	—	—
	04-01-97	—	—	—	—	—	—	—	—	—
	04-07-97	—	—	—	—	—	—	—	—	—
	04-15-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-08-97	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—
11S 19E 26DCC5	04-19-94	—	—	—	—	—	—	—	—	—
INJECTION	04-28-94	—	—	—	—	—	—	—	—	—
	05-03-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-25-94	—	—	—	—	—	—	—	—	—
	09-20-94	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—
	10-19-94	—	—	—	—	—	—	—	—	—
	04-24-95	—	—	—	—	—	—	—	—	—
	05-01-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-17-95	—	—	—	—	—	—	—	—	—
	05-25-95	—	—	—	—	—	—	—	—	—
	10-03-95	—	—	—	—	—	—	—	—	—
	10-11-95	—	—	—	—	—	—	—	—	—
	10-17-95	—	—	—	—	—	—	—	—	—
	02-20-96	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 35AAA1	09-09-96	—	<1	<1	—	—	—	4207	—	234.46
	09-17-96	—	<1	<1	—	—	—	4207	—	270.20
	09-24-96	—	<1	<1	—	—	—	4207	—	268.25
	10-09-96	—	<1	<1	—	—	—	4207	—	259.59
	10-15-96	—	<1	K6	—	—	—	4207	—	255.01
	10-21-96	—	<1	<1	—	—	—	4207	—	252.24
	10-28-96	—	<1	<1	—	—	—	4207	—	248.14
	01-22-97	—	<1	K11	—	—	—	4207	—	236.58
	02-10-97	—	<1	K730	—	—	—	4207	—	233.98
	02-19-97	—	K1	K220	—	—	—	4207	—	233.13
	02-24-97	—	K1	K240	—	—	—	4207	—	232.69
	03-04-97	—	<1	K83	—	—	—	4207	—	231.13
	03-10-97	—	<1	K8	—	—	—	4207	—	230.53
	03-17-97	—	<1	K25	—	—	—	4207	—	229.92
	03-24-97	—	<1	K3	—	—	—	4207	—	228.01
	04-01-97	—	<1	K1	—	—	—	4207	—	226.29
	04-07-97	—	<1	K4	—	—	—	4207	—	223.90
	04-15-97	—	K1	K8	—	—	—	4207	—	222.30
	04-22-97	—	<1	K23	—	—	—	4207	—	219.50
	04-29-97	—	<1	89	—	—	—	4207	—	218.94
	05-08-97	—	<1	K270	—	—	—	4207	—	218.80
	05-14-97	—	<1	K1	—	—	—	4207	—	225.57
	05-20-97	—	<1	K2	—	—	—	4207	—	229.93
11S 19E 26DCC5	04-19-94	—	<1	—	—	—	—	4209	340.00	50.36
INJECTION	04-28-94	—	<1	K37	—	—	—	4209	340.00	12.46
	05-03-94	—	<1	K6	—	—	—	4209	340.00	12.77
	05-10-94	—	51	140	—	—	—	4209	340.00	154.31
	05-25-94	—	K8	K50	—	—	—	4209	340.00	132.86
	09-20-94	—	K5	110	—	—	—	4209	340.00	74.06
	10-12-94	—	K8	72	—	—	—	4209	340.00	0.0
	10-19-94	—	K6	78	—	—	—	4209	340.00	15.54
	04-24-95	—	K2	K57	—	—	—	4209	340.00	0.0
	05-01-95	—	K370	>110	—	—	—	4209	340.00	2.76
	05-09-95	—	210	K190	—	—	—	4209	340.00	2.58
	05-17-95	—	K350	190	—	—	—	4209	340.00	9.11
	05-25-95	—	K27	K160	—	—	—	4209	340.00	5.46
	10-03-95	—	K35	K110	—	—	—	4209	340.00	—
	10-11-95	—	K18	K450	—	—	—	4209	340.00	0.01
	10-17-95	—	K3	K33	—	—	—	4209	340.00	0.01
	02-20-96	—	K390	K400	—	—	—	4209	340.00	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 26DCC5 INJECTION	422555114115605	03-05-96	5.5	320	0.71	136	7.0
		03-11-96	6.5	402	0.89	122	7.3
		03-18-96	6.5	464	1.0	124	7.5
		03-25-96	4.0	375	0.83	115	7.3
		04-02-96	9.5	169	0.38	113	8.3
		04-08-96	9.0	780	1.7	108	7.8
		04-22-96	9.5	180	0.40	332	8.7
		04-30-96	13.0	420	0.93	123	8.1
		05-06-96	14.0	100	0.22	90	8.1
		05-14-96	13.0	156	0.35	91	7.4
		05-20-96	13.5	150	0.33	87	7.4
		05-28-96	14.0	350	0.78	159	8.2
		09-17-96	12.0	330	0.73	355	8.5
		10-09-96	14.0	530	1.2	354	8.2
		10-15-96	14.5	150	0.33	386	8.5
		10-21-96	6.5	315	0.70	402	8.7
		10-28-96	6.0	175	0.39	414	8.9
		02-25-97	5.0	285	0.63	148	7.2
		03-24-97	8.0	88	0.20	116	7.8
		04-07-97	10.5	140	0.31	115	7.8
		04-14-97	11.5	88	0.20	115	7.5
		04-22-97	9.0	125	0.28	98	7.5
		04-29-97	8.5	315	0.70	95	7.8
		05-14-97	15.0	340	0.76	85	8.2
		05-21-97	14.5	305	0.68	114	7.5
11S 19E 26CDD2	422555114120002	03-10-94	11.5	—	—	1150	6.7
		04-21-94	13.0	—	—	1180	6.6
		04-28-94	13.0	—	—	1140	6.5
		05-04-94	13.0	—	—	1140	6.5
		05-10-94	13.5	—	—	1180	6.5
		05-17-94	13.5	—	—	1170	6.5
		05-24-94	13.5	—	—	1230	6.5
		09-20-94	14.5	—	—	1300	6.5
		09-27-94	14.0	—	—	1280	6.5
		10-12-94	13.5	—	—	1270	6.4
		10-19-94	13.5	—	—	1270	6.4
		11-01-94	13.0	—	—	1320	6.6
		04-04-95	13.0	—	—	1320	6.6
		04-18-95	12.5	—	—	1320	6.6
		04-25-95	13.0	—	—	1310	6.6

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 26DCC5	03-05-96	65	—	—	—	—	—	—	—	—	—
INJECTION	03-11-96	43	—	—	—	—	—	—	—	—	—
	03-18-96	42	—	—	—	—	—	—	—	—	—
	03-25-96	38	—	—	—	—	—	—	—	—	—
	04-02-96	38	—	—	—	—	—	—	—	—	—
	04-08-96	38	—	—	—	—	—	—	—	—	—
	04-22-96	116	—	—	—	—	—	—	—	—	—
	04-30-96	46	—	—	—	—	—	—	—	—	—
	05-06-96	34	—	—	—	—	—	—	—	—	—
	05-14-96	34	—	—	—	—	—	—	—	—	—
	05-20-96	31	—	—	—	—	—	—	—	—	—
	05-28-96	56	—	—	—	—	—	—	—	—	—
	09-17-96	132	—	—	—	—	—	—	—	—	—
	10-09-96	122	—	—	—	—	—	—	—	—	—
	10-15-96	137	—	—	—	—	—	—	—	—	—
	10-21-96	146	—	—	—	—	—	—	—	—	—
	10-28-96	152	—	—	—	—	—	—	—	—	—
	02-25-97	69	—	—	—	—	—	—	—	—	—
	03-24-97	51	—	—	—	—	—	—	—	—	—
	04-07-97	40	—	—	—	—	—	—	—	—	—
	04-14-97	38	—	—	—	—	—	—	—	—	—
	04-22-97	34	—	—	—	—	—	—	—	—	—
	04-29-97	35	—	—	—	—	—	—	—	—	—
	05-14-97	30	—	—	—	—	—	—	—	—	—
	05-21-97	39	—	—	—	—	—	—	—	—	—
11S 19E 26CDD2	03-10-94	162	0.040	<0.010	—	<0.20	—	5.60	0.06	0.020	430
	04-21-94	148	—	—	—	—	—	—	—	—	—
	04-28-94	149	—	—	—	—	—	—	—	—	—
	05-04-94	148	—	—	—	—	—	—	—	—	—
	05-10-94	150	—	—	—	—	—	—	—	—	—
	05-17-94	148	—	—	—	—	—	—	—	—	—
	05-24-94	145	—	—	—	—	—	—	—	—	—
	09-20-94	133	—	—	—	—	—	—	—	—	—
	09-27-94	134	—	—	—	—	—	—	—	—	—
	10-12-94	140	—	—	—	—	—	—	—	—	—
	10-19-94	140	—	—	—	—	—	—	—	—	—
	11-01-94	142	—	—	—	—	—	—	—	—	—
	04-04-95	142	—	—	—	—	—	—	—	—	—
	04-18-95	141	—	—	—	—	—	—	—	—	—
	04-25-95	142	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 26DCC5	03-05-96	—	—	—	—	—	—	—	—	—
INJECTION	03-11-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-25-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-22-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-06-96	—	—	—	—	—	—	—	—	—
	05-14-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	09-17-96	—	—	—	—	—	—	—	—	—
	10-09-96	—	—	—	—	—	—	—	—	—
	10-15-96	—	—	—	—	—	—	—	—	—
	10-21-96	—	—	—	—	—	—	—	—	—
	10-28-96	—	—	—	—	—	—	—	—	—
	02-25-97	—	—	—	—	—	—	—	—	—
	03-24-97	—	—	—	—	—	—	—	—	—
	04-07-97	—	—	—	—	—	—	—	—	—
	04-14-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—
11S 19E 26CDD2	03-10-94	130	26	45	0.9	18	7.7	160	160	<0.10
	04-21-94	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—
	05-04-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	09-20-94	—	—	—	—	—	—	—	—	—
	09-27-94	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—
	10-19-94	—	—	—	—	—	—	—	—	—
	11-01-94	—	—	—	—	—	—	—	—	—
	04-04-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 26DCC5	03-05-96	—	K110	—	—	—	—	4209	340.00	—
INJECTION	03-11-96	—	K30	K130	—	—	—	4209	340.00	—
	03-18-96	—	K3	K130	—	—	—	4209	340.00	—
	03-25-96	—	K10	K73	—	—	—	4209	340.00	—
	04-02-96	—	K7	K13	—	—	—	4209	340.00	—
	04-08-96	—	K30	K20	—	—	—	4209	340.00	—
	04-22-96	—	<1	K20	—	—	—	4209	340.00	—
	04-30-96	—	K18	K67	—	—	—	4209	340.00	—
	05-06-96	—	K25	K33	—	—	—	4209	340.00	—
	05-14-96	—	K500	K97	—	—	—	4209	340.00	—
	05-20-96	—	K40	K130	—	—	—	4209	340.00	—
	05-28-96	—	170	290	—	—	—	4209	340.00	—
	09-17-96	—	K25	K130	—	—	—	4209	340.00	—
	10-09-96	—	<1	K20	—	—	—	4209	340.00	—
	10-15-96	—	K3	K50	—	—	—	4209	340.00	—
	10-21-96	—	100	K20	—	—	—	4209	340.00	—
	10-28-96	—	K7	K11	—	—	—	4209	340.00	—
	02-25-97	—	K87	—	—	—	—	4209	340.00	—
	03-24-97	—	K50	K250	—	—	—	4209	340.00	—
	04-07-97	—	<1	K33	—	—	—	4209	340.00	—
	04-14-97	—	K5	K80	—	—	—	4209	340.00	—
	04-22-97	—	K4	K33	—	—	—	4209	340.00	—
	04-29-97	—	K7	110	—	—	—	4209	340.00	—
	05-14-97	—	K25	K53	—	—	—	4209	340.00	—
	05-21-97	—	K28	K140	—	—	—	4209	340.00	—
11S 19E 26CDD2	03-10-94	42	<1	<1	693	0.94	0.05	4210	—	243.18
	04-21-94	—	<1	<1	—	—	—	4210	—	241.60
	04-28-94	—	<1	<1	—	—	—	4210	—	—
	05-04-94	—	<1	<1	—	—	—	4210	—	236.35
	05-10-94	—	<1	<1	—	—	—	4210	—	233.25
	05-17-94	—	<1	<1	—	—	—	4210	—	245.65
	05-24-94	—	<1	<1	—	—	—	4210	—	—
	09-20-94	—	<1	<1	—	—	—	4210	—	—
	09-27-94	—	<1	<1	—	—	—	4210	—	—
	10-12-94	—	<1	<1	—	—	—	4210	—	—
	10-19-94	—	<1	<1	—	—	—	4210	—	270.01
	11-01-94	—	<1	<1	—	—	—	4210	—	265.15
	04-04-95	—	<1	<1	—	—	—	4210	—	234.43
	04-18-95	—	<1	<1	—	—	—	4210	—	233.17
	04-25-95	—	<1	<1	—	—	—	4210	—	228.52

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL DENTI-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 26CDD2	422555114120002	05-09-95	12.5	—	—	1270	6.6
		05-12-95	11.5	—	—	1280	6.7
		05-16-95	13.0	—	—	1270	6.6
		05-24-95	13.0	—	—	1280	6.6
		09-06-95	15.0	—	—	1310	6.7
		09-12-95	15.5	—	—	1330	6.6
		09-18-95	14.0	—	—	1350	6.6
		09-26-95	14.0	—	—	1340	6.6
		10-03-95	14.5	—	—	1290	6.6
		10-11-95	14.0	—	—	1300	6.5
		11-21-95	13.0	—	—	1250	6.7
		02-13-96	12.5	—	—	1330	6.7
		02-26-96	12.0	—	—	1290	6.6
		03-05-96	12.0	—	—	1290	6.5
		03-13-96	12.5	—	—	1320	6.6
		03-18-96	13.0	—	—	1310	6.6
		03-25-96	12.5	—	—	1250	6.6
		04-01-96	12.0	—	—	1210	6.6
		04-08-96	13.0	—	—	1180	6.6
		04-18-96	12.5	—	—	1100	6.6
		04-23-96	13.5	—	—	1080	6.6
		04-29-96	13.0	—	—	1040	6.5
		05-06-96	13.5	—	—	1030	6.9
		05-20-96	13.5	—	—	962	6.6
		05-28-96	14.0	—	—	939	6.5
		06-10-96	14.0	—	—	744	6.7
		06-26-96	14.0	—	—	753	6.6
		09-09-96	13.0	—	—	911	6.7
		09-17-96	12.5	—	—	906	6.6
		09-24-96	12.5	—	—	892	6.6
		10-09-96	13.0	—	—	872	6.7
		10-15-96	13.5	—	—	877	6.7
		10-21-96	13.0	—	—	842	6.7
		10-29-96	13.5	—	—	824	6.6
		01-22-97	12.0	—	—	930	6.6
		02-10-97	11.5	—	—	937	6.7
		02-19-97	11.5	—	—	957	6.6
		02-25-97	12.0	—	—	951	6.6
		03-04-97	11.0	—	—	952	6.6
		03-17-97	13.0	—	—	959	6.7

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 26CDD2	05-09-95	141	—	—	—	—	—	—	—	—	—
	05-12-95	143	—	—	—	—	—	—	—	—	—
	05-16-95	143	—	—	—	—	—	—	—	—	—
	05-24-95	138	—	—	—	—	—	—	—	—	—
	09-06-95	143	—	—	—	—	—	—	—	—	—
	09-12-95	143	—	—	—	—	—	—	—	—	—
	09-18-95	144	—	—	—	—	—	—	—	—	—
	09-26-95	144	—	—	—	—	—	—	—	—	—
	10-03-95	146	—	—	—	—	—	—	—	—	—
	10-11-95	136	—	—	—	—	—	—	—	—	—
	11-21-95	148	—	—	—	—	—	—	—	—	—
	02-13-96	154	—	—	—	—	—	—	—	—	—
	02-26-96	141	—	—	—	—	—	—	—	—	—
	03-05-96	139	—	—	—	—	—	—	—	—	—
	03-13-96	141	—	—	—	—	—	—	—	—	—
	03-18-96	141	—	—	—	—	—	—	—	—	—
	03-25-96	136	—	—	—	—	—	—	—	—	—
	04-01-96	138	—	—	—	—	—	—	—	—	—
	04-08-96	136	—	—	—	—	—	—	—	—	—
	04-18-96	132	—	—	—	—	—	—	—	—	—
	04-23-96	127	—	—	—	—	—	—	—	—	—
	04-29-96	127	—	—	—	—	—	—	—	—	—
	05-06-96	128	—	—	—	—	—	—	—	—	400
	05-20-96	124	—	—	—	—	—	—	—	—	—
	05-28-96	121	—	—	—	—	—	—	—	—	—
	06-10-96	109	—	—	—	—	—	—	—	—	280
	06-26-96	106	—	—	—	—	—	—	—	—	—
	09-09-96	112	—	—	—	—	—	—	—	—	—
	09-17-96	113	—	—	—	—	—	—	—	—	—
	09-24-96	115	—	—	—	—	—	—	—	—	—
	10-09-96	116	—	—	—	—	—	—	—	—	—
	10-15-96	118	—	—	—	—	—	—	—	—	—
	10-21-96	118	—	—	—	—	—	—	—	—	—
	10-29-96	118	—	—	—	—	—	—	—	—	—
	01-22-97	120	—	—	—	—	—	—	—	—	—
	02-10-97	121	—	—	—	—	—	—	—	—	—
	02-19-97	120	—	—	—	—	—	—	—	—	—
	02-25-97	119	—	—	—	—	—	—	—	—	—
	03-04-97	120	—	—	—	—	—	—	—	—	—
	03-17-97	121	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 26CDD2	05-09-95	—	—	—	—	—	—	—	—	—
	05-12-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-24-95	—	—	—	—	—	—	—	—	—
	09-06-95	—	—	—	—	—	—	—	—	—
	09-12-95	—	—	—	—	—	—	—	—	—
	09-18-95	—	—	—	—	—	—	—	—	—
	09-26-95	—	—	—	—	—	—	—	—	—
	10-03-95	—	—	—	—	—	—	—	—	—
	10-11-95	—	—	—	—	—	—	—	—	—
	11-21-95	—	—	—	—	—	—	—	—	—
	02-13-96	—	—	—	—	—	—	—	—	—
	02-26-96	—	—	—	—	—	—	—	—	—
	03-05-96	—	—	—	—	—	—	—	—	—
	03-13-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-25-96	—	—	—	—	—	—	—	—	—
	04-01-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-29-96	—	—	—	—	—	—	—	—	—
	05-06-96	120	24	49	1	21	8.2	160	160	0.10
	05-20-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	06-10-96	83	17	39	1	23	5.9	96	110	0.10
	06-26-96	—	—	—	—	—	—	—	—	—
	09-09-96	—	—	—	—	—	—	—	—	—
	09-17-96	—	—	—	—	—	—	—	—	—
	09-24-96	—	—	—	—	—	—	—	—	—
	10-09-96	—	—	—	—	—	—	—	—	—
	10-15-96	—	—	—	—	—	—	—	—	—
	10-21-96	—	—	—	—	—	—	—	—	—
	10-29-96	—	—	—	—	—	—	—	—	—
	01-22-97	—	—	—	—	—	—	—	—	—
	02-10-97	—	—	—	—	—	—	—	—	—
	02-19-97	—	—	—	—	—	—	—	—	—
	02-25-97	—	—	—	—	—	—	—	—	—
	03-04-97	—	—	—	—	—	—	—	—	—
	03-17-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 26CDD2	05-09-95	—	<1	<1	—	—	—	4210	—	223.49
	05-12-95	—	<1	K1	—	—	—	4210	—	223.60
	05-16-95	—	<1	<1	—	—	—	4210	—	223.60
	05-24-95	—	<1	K1	—	—	—	4210	—	278.77
	09-06-95	—	<1	<1	—	—	—	4210	—	276.93
	09-12-95	—	<1	<1	—	—	—	4210	—	277.06
	09-18-95	—	<1	<1	—	—	—	4210	—	275.04
	09-26-95	—	<1	<1	—	—	—	4210	—	268.18
	10-03-95	—	<1	K1	—	—	—	4210	—	263.40
	10-11-95	—	<1	<1	—	—	—	4210	—	256.12
	11-21-95	—	<1	—	—	—	—	4210	—	246.01
	02-13-96	—	<1	<1	—	—	—	4210	—	227.20
	02-26-96	—	<1	<1	—	—	—	4210	—	209.24
	03-05-96	—	<1	<1	—	—	—	4210	—	212.20
	03-13-96	—	<1	<1	—	—	—	4210	—	198.54
	03-18-96	—	<1	<1	—	—	—	4210	—	197.20
	03-25-96	—	<1	K1	—	—	—	4210	—	194.88
	04-01-96	—	<1	<1	—	—	—	4210	—	195.40
	04-08-96	—	<1	<1	—	—	—	4210	—	194.71
	04-18-96	—	<1	<1	—	—	—	4210	—	195.24
	04-23-96	—	<1	<1	—	—	—	4210	—	192.66
	04-29-96	—	<1	<1	—	—	—	4210	—	192.72
	05-06-96	42	<1	<1	640	0.87	—	4210	—	202.93
	05-20-96	—	<1	<1	—	—	—	4210	—	199.73
	05-28-96	—	<1	<1	—	—	—	4210	—	198.00
	06-10-96	42	—	—	458	0.62	—	4210	—	185.72
	06-26-96	—	—	—	—	—	—	4210	—	208.60
	09-09-96	—	<1	<1	—	—	—	4210	—	—
	09-17-96	—	<1	1	—	—	—	4210	—	229.93
	09-24-96	—	<1	<1	—	—	—	4210	—	228.64
	10-09-96	—	<1	K2	—	—	—	4210	—	220.95
	10-15-96	—	<1	<1	—	—	—	4210	—	217.75
	10-21-96	—	<1	<1	—	—	—	4210	—	218.30
	10-29-96	—	<1	<1	—	—	—	4210	—	212.21
	01-22-97	—	<1	<1	—	—	—	4210	—	212.70
	02-10-97	—	<1	<1	—	—	—	4210	—	192.43
	02-19-97	—	<1	<1	—	—	—	4210	—	191.51
	02-25-97	—	<1	<1	—	—	—	4210	—	190.40
	03-04-97	—	<1	<1	—	—	—	4210	—	192.16
	03-17-97	—	<1	K1	—	—	—	4210	—	190.08

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 26CDD2	422555114120002	03-24-97	12.5	—	—	957	7.0
		04-01-97	12.0	—	—	971	6.8
		04-07-97	12.5	—	—	960	6.8
		04-14-97	12.5	—	—	963	6.6
		04-22-97	12.5	—	—	942	6.7
		04-29-97	12.5	—	—	933	6.6
		05-08-97	13.0	—	—	929	6.8
		05-14-97	13.0	—	—	1000	6.8
		05-20-97	13.0	—	—	895	6.7
11S 19E 25BCC2	422621114111701	04-28-93	10.5	—	—	1560	7.2
		05-04-93	11.0	—	—	1480	6.6
		05-11-93	11.5	—	—	1310	7.2
		05-17-93	13.0	—	—	1320	6.9
		05-25-93	14.0	—	—	1520	6.9
		07-02-93	14.0	—	—	1530	7.0
		09-15-93	15.0	—	—	1650	6.9
		09-21-93	14.5	—	—	1500	7.0
		09-28-93	14.0	—	—	1540	7.0
		10-05-93	13.5	—	—	1350	7.0
		10-14-93	13.5	—	—	1280	7.0
		10-29-93	12.5	—	—	1270	6.9
		03-08-94	11.5	—	—	1280	6.9
		04-19-94	11.5	—	—	1380	6.9
		04-28-94	12.0	—	—	1370	6.8
		05-04-94	12.0	—	—	1350	6.9
		05-10-94	12.5	—	—	1380	6.8
		05-17-94	13.0	—	—	1350	6.8
		05-24-94	13.0	—	—	1380	6.8
		09-19-94	14.5	—	—	989	6.9
		09-26-94	14.5	—	—	984	6.9
		10-11-94	13.5	—	—	922	7.0
		10-19-94	13.0	—	—	997	6.9
		11-01-94	13.0	—	—	901	6.8
		03-29-95	10.0	—	—	1470	7.0
		04-18-95	11.0	—	—	1490	7.0
		04-25-95	12.5	—	—	1470	7.0
		05-02-95	11.5	—	—	1340	7.1
		05-09-95	12.0	—	—	1390	7.0
		05-16-95	11.5	—	—	1400	6.9
		05-24-95	12.5	—	—	1410	6.9

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 26CDD2	03-24-97	122	—	—	—	—	—	—	—	—	—
	04-01-97	121	—	—	—	—	—	—	—	—	—
	04-07-97	122	—	—	—	—	—	—	—	—	—
	04-14-97	119	—	—	—	—	—	—	—	—	—
	04-22-97	118	—	—	—	—	—	—	—	—	—
	04-29-97	122	—	—	—	—	—	—	—	—	—
	05-08-97	121	—	—	—	—	—	—	—	—	—
	05-14-97	121	—	—	—	—	—	—	—	—	—
	05-20-97	111	—	—	—	—	—	—	—	—	—
11S 19E 25BCC2	04-28-93	188	—	—	—	—	—	—	—	—	—
	05-04-93	180	—	—	—	—	—	—	—	—	—
	05-11-93	177	—	—	—	—	—	—	—	—	—
	05-17-93	175	—	—	—	—	—	—	—	—	—
	05-25-93	186	—	—	—	—	—	—	—	—	—
	07-02-93	185	—	—	—	—	—	—	—	—	—
	09-15-93	196	—	—	—	—	—	—	—	—	—
	09-21-93	188	—	—	—	—	—	—	—	—	—
	09-28-93	188	—	—	—	—	—	—	—	—	—
	10-05-93	182	—	—	—	—	—	—	—	—	—
	10-14-93	179	—	—	—	—	—	—	—	—	—
	10-29-93	177	—	—	—	—	—	—	—	—	—
	03-08-94	187	0.030	<0.010	—	<0.20	—	6.60	0.06	0.020	430
	04-19-94	196	—	—	—	—	—	—	—	—	—
	04-28-94	193	—	—	—	—	—	—	—	—	—
	05-04-94	194	—	—	—	—	—	—	—	—	—
	05-10-94	195	—	—	—	—	—	—	—	—	—
	05-17-94	194	—	—	—	—	—	—	—	—	—
	05-24-94	193	—	—	—	—	—	—	—	—	—
	09-19-94	159	—	—	—	—	—	—	—	—	—
	09-26-94	152	—	—	—	—	—	—	—	—	—
	10-11-94	153	—	—	—	—	—	—	—	—	350
	10-19-94	161	—	—	—	—	—	—	—	—	—
	11-01-94	154	—	—	—	—	—	—	—	—	—
	03-29-95	197	—	—	—	—	—	—	—	—	—
	04-18-95	202	—	—	—	—	—	—	—	—	—
	04-25-95	202	—	—	—	—	—	—	—	—	—
	05-02-95	195	—	—	—	—	—	—	—	—	—
	05-09-95	198	—	—	—	—	—	—	—	—	—
	05-16-95	200	—	—	—	—	—	—	—	—	—
	05-24-95	193	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 26CDD2	03-24-97	—	—	—	—	—	—	—	—	—
	04-01-97	—	—	—	—	—	—	—	—	—
	04-07-97	—	—	—	—	—	—	—	—	—
	04-14-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-08-97	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—
11S 19E 25BCC2	04-28-93	—	—	—	—	—	—	—	—	—
	05-04-93	—	—	—	—	—	—	—	—	—
	05-11-93	—	—	—	—	—	—	—	—	—
	05-17-93	—	—	—	—	—	—	—	—	—
	05-25-93	—	—	—	—	—	—	—	—	—
	07-02-93	—	—	—	—	—	—	—	—	—
	09-15-93	—	—	—	—	—	—	—	—	—
	09-21-93	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—
	10-05-93	—	—	—	—	—	—	—	—	—
	10-14-93	—	—	—	—	—	—	—	—	—
	10-29-93	—	—	—	—	—	—	—	—	—
	03-08-94	120	32	82	2	29	7.9	160	210	0.10
	04-19-94	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—
	05-04-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	09-19-94	—	—	—	—	—	—	—	—	—
	09-26-94	—	—	—	—	—	—	—	—	—
	10-11-94	98	25	53	1	24	8.2	110	120	0.20
	10-19-94	—	—	—	—	—	—	—	—	—
	11-01-94	—	—	—	—	—	—	—	—	—
	03-29-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-24-95	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 26CDD2	03-24-97	—	<1	<1	—	—	—	4210	—	188.06
	04-01-97	—	<1	<1	—	—	—	4210	—	186.43
	04-07-97	—	<1	<1	—	—	—	4210	—	184.11
	04-14-97	—	<1	<1	—	—	—	4210	—	183.83
	04-22-97	—	<1	<1	—	—	—	4210	—	182.45
	04-29-97	—	<1	<1	—	—	—	4210	—	181.51
	05-08-97	—	<1	<1	—	—	—	4210	—	180.94
	05-14-97	—	<1	K2	—	—	—	4210	—	182.73
	05-20-97	—	<1	<1	—	—	—	4210	—	230.08
11S 19E 25BCC2	04-28-93	—	<1	<1	—	—	—	4194	—	152.80
	05-04-93	—	<1	<1	—	—	—	4194	—	151.60
	05-11-93	—	<1	<1	—	—	—	4194	—	151.29
	05-17-93	—	<1	<1	—	—	—	4194	—	152.97
	05-25-93	—	<1	<1	—	—	—	4194	—	154.16
	07-02-93	—	<1	<1	—	—	—	4194	—	161.49
	09-15-93	—	<1	K9	—	—	—	4194	—	176.30
	09-21-93	—	K8	42	—	—	—	4194	—	177.15
	09-28-93	—	<1	39	—	—	—	4194	—	179.05
	10-05-93	—	<1	K9	—	—	—	4194	—	177.55
	10-14-93	—	<1	K3	—	—	—	4194	—	174.55
	10-29-93	—	<1	K2	—	—	—	4194	—	164.41
	03-08-94	47	<1	63	800	1.09	0.04	4194	—	147.65
	04-19-94	—	<1	<1	—	—	—	4194	—	144.55
	04-28-94	—	<1	<1	—	—	—	4194	—	144.60
	05-04-94	—	<1	<1	—	—	—	4194	—	144.18
	05-10-94	—	<1	K3	—	—	—	4194	—	—
	05-17-94	—	<1	<1	—	—	—	4194	—	148.92
	05-24-94	—	<1	K1	—	—	—	4194	—	145.85
	09-19-94	—	<1	<1	—	—	—	4194	—	174.40
	09-26-94	—	<1	K1	—	—	—	4194	—	172.05
	10-11-94	52	<1	<1	558	0.76	—	4194	—	165.56
	10-19-94	—	<1	<1	—	—	—	4194	—	163.98
	11-01-94	—	<1	<1	—	—	—	4194	—	157.95
	03-29-95	—	<1	<1	—	—	—	4194	—	144.90
	04-18-95	—	<1	<1	—	—	—	4194	—	143.49
	04-25-95	—	<1	<1	—	—	—	4194	—	141.92
	05-02-95	—	<1	<1	—	—	—	4194	—	141.52
	05-09-95	—	<1	<1	—	—	—	4194	—	142.48
	05-16-95	—	<1	K1	—	—	—	4194	—	147.84
	05-24-95	—	<1	<1	—	—	—	4194	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 25BCC2	422621114111701	09-05-95	16.5	—	—	1020	6.8
		09-11-95	14.5	—	—	1020	6.8
		09-18-95	14.0	—	—	1020	6.8
		09-25-95	15.0	—	—	1010	6.8
		10-02-95	16.5	—	—	978	7.0
		10-10-95	14.0	—	—	989	6.8
		11-20-95	11.5	—	—	975	7.0
		02-13-96	10.0	—	—	953	6.9
		02-26-96	11.0	—	—	952	6.8
		03-06-96	11.0	—	—	949	6.9
		03-13-96	11.5	—	—	968	6.9
		03-18-96	11.0	—	—	962	6.8
		03-25-96	11.0	—	—	952	6.9
		04-02-96	11.0	—	—	947	7.0
		04-08-96	12.0	—	—	946	6.9
		04-18-96	12.0	—	—	945	6.8
		04-22-96	12.0	—	—	938	6.8
		04-29-96	12.0	—	—	944	6.9
		05-06-96	12.5	—	—	950	7.1
		05-20-96	13.0	—	—	953	6.7
		05-28-96	13.5	—	—	966	6.8
		09-10-96	15.0	—	—	982	6.8
		09-16-96	15.0	—	—	984	6.8
		09-23-96	14.5	—	—	972	6.8
		10-08-96	14.5	—	—	977	6.8
		10-15-96	14.5	—	—	987	6.9
		10-21-96	13.0	—	—	962	6.8
		10-28-96	12.5	—	—	972	6.8
		01-23-97	10.0	—	—	825	7.0
		03-18-97	12.5	—	—	1000	7.0
		04-29-97	12.0	—	—	1040	6.7
		05-08-97	12.0	—	—	1030	7.0
		05-14-97	12.5	—	—	1080	7.0
		05-20-97	13.0	—	—	1100	6.9
11S 19E 26ACC2 INJECTION	422622114115301	05-04-93	9.5	1350	3.0	450	8.6
		05-10-93	15.0	2800	6.2	485	8.8
		05-17-93	20.0	2210	4.9	480	8.6
		05-25-93	18.0	250	0.56	436	8.5
		09-15-93	15.0	2930	6.5	411	8.3
		09-21-93	14.5	2970	6.6	421	8.2

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 25BCC2	09-05-95	190	—	—	—	—	—	—	—	—	—
	09-11-95	184	—	—	—	—	—	—	—	—	—
	09-18-95	182	—	—	—	—	—	—	—	—	—
	09-25-95	188	—	—	—	—	—	—	—	—	—
	10-02-95	186	—	—	—	—	—	—	—	—	—
	10-10-95	185	—	—	—	—	—	—	—	—	—
	11-20-95	180	—	—	—	—	—	—	—	—	—
	02-13-96	182	—	—	—	—	—	—	—	—	—
	02-26-96	182	—	—	—	—	—	—	—	—	—
	03-06-96	181	—	—	—	—	—	—	—	—	—
	03-13-96	178	—	—	—	—	—	—	—	—	—
	03-18-96	180	—	—	—	—	—	—	—	—	—
	03-25-96	176	—	—	—	—	—	—	—	—	—
	04-02-96	177	—	—	—	—	—	—	—	—	—
	04-08-96	177	—	—	—	—	—	—	—	—	—
	04-18-96	175	—	—	—	—	—	—	—	—	—
	04-22-96	173	—	—	—	—	—	—	—	—	—
	04-29-96	171	—	—	—	—	—	—	—	—	—
	05-06-96	175	—	—	—	—	—	—	—	—	—
	05-20-96	172	—	—	—	—	—	—	—	—	—
	05-28-96	167	—	—	—	—	—	—	—	—	—
	09-10-96	163	—	—	—	—	—	—	—	—	—
	09-16-96	166	—	—	—	—	—	—	—	—	—
	09-23-96	166	—	—	—	—	—	—	—	—	—
	10-08-96	166	—	—	—	—	—	—	—	—	—
	10-15-96	164	—	—	—	—	—	—	—	—	—
	10-21-96	164	—	—	—	—	—	—	—	—	—
	10-28-96	162	—	—	—	—	—	—	—	—	—
	01-23-97	171	—	—	—	—	—	—	—	—	—
	03-18-97	172	—	—	—	—	—	—	—	—	—
	04-29-97	165	—	—	—	—	—	—	—	—	—
	05-08-97	162	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—	—
	05-20-97	167	—	—	—	—	—	—	—	—	—
11S 19E 26ACC2 INJECTION	05-04-93	135	—	—	—	—	—	—	—	—	—
	05-10-93	148	—	—	—	—	—	—	—	—	—
	05-17-93	152	—	—	—	—	—	—	—	—	—
	05-25-93	140	—	—	—	—	—	—	—	—	—
	09-15-93	151	—	—	—	—	—	—	—	—	—
	09-21-93	152	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 25BCC2	09-05-95	—	—	—	—	—	—	—	—	—
	09-11-95	—	—	—	—	—	—	—	—	—
	09-18-95	—	—	—	—	—	—	—	—	—
	09-25-95	—	—	—	—	—	—	—	—	—
	10-02-95	—	—	—	—	—	—	—	—	—
	10-10-95	—	—	—	—	—	—	—	—	—
	11-20-95	—	—	—	—	—	—	—	—	—
	02-13-96	—	—	—	—	—	—	—	—	—
	02-26-96	—	—	—	—	—	—	—	—	—
	03-06-96	—	—	—	—	—	—	—	—	—
	03-13-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-25-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-18-96	—	—	—	—	—	—	—	—	—
	04-22-96	—	—	—	—	—	—	—	—	—
	04-29-96	—	—	—	—	—	—	—	—	—
	05-06-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	09-10-96	—	—	—	—	—	—	—	—	—
	09-16-96	—	—	—	—	—	—	—	—	—
	09-23-96	—	—	—	—	—	—	—	—	—
	10-08-96	—	—	—	—	—	—	—	—	—
	10-15-96	—	—	—	—	—	—	—	—	—
	10-21-96	—	—	—	—	—	—	—	—	—
	10-28-96	—	—	—	—	—	—	—	—	—
	01-23-97	—	—	—	—	—	—	—	—	—
	03-18-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-08-97	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—
11S 19E 26ACC2 INJECTION	05-04-93	—	—	—	—	—	—	—	—	—
	05-10-93	—	—	—	—	—	—	—	—	—
	05-17-93	—	—	—	—	—	—	—	—	—
	05-25-93	—	—	—	—	—	—	—	—	—
	09-15-93	—	—	—	—	—	—	—	—	—
	09-21-93	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT—I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 25BCC2	09-05-95	—	<1	<1	—	—	—	4194	—	145.07
	09-11-95	—	<1	<1	—	—	—	4194	—	144.88
	09-18-95	—	<1	K1	—	—	—	4194	—	143.78
	09-25-95	—	<1	<1	—	—	—	4194	—	142.33
	10-02-95	—	<1	<1	—	—	—	4194	—	143.08
	10-10-95	—	<1	<1	—	—	—	4194	—	141.53
	11-20-95	—	<1	—	—	—	—	4194	—	135.63
	02-13-96	—	<1	<1	—	—	—	4194	—	125.37
	02-26-96	—	<1	<1	—	—	—	4194	—	—
	03-06-96	—	<1	<1	—	—	—	4194	—	130.95
	03-13-96	—	<1	<1	—	—	—	4194	—	129.23
	03-18-96	—	<1	K100	—	—	—	4194	—	131.28
	03-25-96	—	<1	<1	—	—	—	4194	—	128.93
	04-02-96	—	<1	K1	—	—	—	4194	—	128.54
	04-08-96	—	<1	<1	—	—	—	4194	—	128.45
	04-18-96	—	<1	<1	—	—	—	4194	—	130.70
	04-22-96	—	<1	<1	—	—	—	4194	—	128.22
	04-29-96	—	<1	<1	—	—	—	4194	—	128.12
	05-06-96	—	<1	K1	—	—	—	4194	—	127.12
	05-20-96	—	<1	K3	—	—	—	4194	—	127.69
	05-28-96	—	<1	<1	—	—	—	4194	—	126.97
	09-10-96	—	<1	<1	—	—	—	4194	—	126.75
	09-16-96	—	<1	K1	—	—	—	4194	—	134.61
	09-23-96	—	<1	<1	—	—	—	4194	—	134.12
	10-08-96	—	<1	<1	—	—	—	4194	—	132.35
	10-15-96	—	<1	K2	—	—	—	4194	—	131.62
	10-21-96	—	<1	<1	—	—	—	4194	—	131.11
	10-28-96	—	<1	<1	—	—	—	4194	—	130.34
	01-23-97	—	<1	<1	—	—	—	4194	—	131.50
	03-18-97	—	<1	K6	—	—	—	4194	—	125.12
	04-29-97	—	<1	<1	—	—	—	4194	—	122.72
	05-08-97	—	<1	<1	—	—	—	4194	—	123.11
	05-14-97	—	<1	<1	—	—	—	4194	—	122.30
	05-20-97	—	<1	<1	—	—	—	4194	—	122.10
11S 19E 26ACC2 INJECTION	05-04-93	—	13	20	—	—	—	4196	1016	—
	05-10-93	—	K1	<1	—	—	—	4196	1016	7.50
	05-17-93	—	K8	33	—	—	—	4196	1016	59.50
	05-25-93	—	K10	K16	—	—	—	4196	1016	158.98
	09-15-93	—	<1	K10	—	—	—	4196	1016	79.30
	09-21-93	—	K1	K14	—	—	—	4196	1016	55.40

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 26ACC2 INJECTION	422622114115301	09-28-93	15.0	3320	7.4	437	8.4
		10-14-93	12.0	4100	9.1	450	8.0
		04-19-94	14.5	3300	7.3	434	8.7
		05-03-94	14.5	3150	7.0	424	8.7
		05-10-94	15.5	2980	6.6	436	8.3
		05-17-94	12.5	3180	7.1	426	8.6
		05-24-94	16.0	875	1.9	403	8.5
		09-19-94	18.5	919	2.0	424	8.4
		09-26-94	17.5	2070	4.6	416	8.3
		10-12-94	11.0	3520	7.8	467	8.3
		10-18-94	9.0	3530	7.8	497	8.6
		04-19-95	7.5	3600	8.0	456	9.5
		04-25-95	9.0	3550	7.9	478	9.0
		05-02-95	10.0	2580	5.7	490	8.9
		05-04-95	10.5	2840	6.3	469	8.8
		05-09-95	11.5	3500	7.8	464	8.7
		05-16-95	12.0	3650	8.1	436	8.6
		05-23-95	17.0	3300	7.3	438	8.7
		09-06-95	19.5	860	1.9	395	8.2
		09-11-95	19.0	1730	3.8	390	8.5
		09-18-95	18.5	2520	5.6	397	8.3
		09-25-95	13.5	1160	2.6	397	8.7
		10-02-95	11.5	2280	5.1	411	8.9
		10-10-95	11.0	3030	6.7	414	8.9
		10-17-95	11.0	1330	3.0	424	8.8
		02-20-96	7.0	800	1.8	123	7.6
		03-06-96	1.5	900	2.0	127	7.8
		03-13-96	5.0	940	2.1	126	7.8
		03-18-96	3.5	1800	4.0	124	7.9
		03-25-96	1.5	1500	3.3	115	7.7
		04-03-96	4.0	660	1.5	113	7.6
		04-08-96	7.0	1480	3.3	112	8.0
		04-22-96	9.5	3180	7.1	397	8.8
		04-29-96	13.0	3290	7.3	393	8.5
		05-06-96	12.0	1320	2.9	416	8.7
		05-20-96	14.0	2710	6.0	392	8.6
		05-30-96	12.0	1250	2.8	397	8.4
		09-16-96	14.0	3540	7.9	354	8.4
		09-23-96	12.0	2700	6.0	358	8.7
		10-08-96	14.5	3950	8.8	363	7.4

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 26ACC2	09-28-93	159	—	—	—	—	—	—	—	—	—
INJECTION	10-14-93	166	—	—	—	—	—	—	—	—	—
	04-19-94	165	—	—	—	—	—	—	—	—	—
	05-03-94	149	—	—	—	—	—	—	—	—	—
	05-10-94	147	—	—	—	—	—	—	—	—	—
	05-17-94	151	—	—	—	—	—	—	—	—	—
	05-24-94	130	—	—	—	—	—	—	—	—	—
	09-19-94	147	—	—	—	—	—	—	—	—	—
	09-26-94	131	—	—	—	—	—	—	—	—	—
	10-12-94	166	—	—	—	—	—	—	—	—	—
	10-18-94	171	—	—	—	—	—	—	—	—	—
	04-19-95	129	—	—	—	—	—	—	—	—	—
	04-25-95	136	—	—	—	—	—	—	—	—	—
	05-02-95	162	—	—	—	—	—	—	—	—	—
	05-04-95	167	—	—	—	—	—	—	—	—	—
	05-09-95	158	—	—	—	—	—	—	—	—	—
	05-16-95	147	—	—	—	—	—	—	—	—	—
	05-23-95	148	—	—	—	—	—	—	—	—	—
	09-06-95	141	—	—	—	—	—	—	—	—	—
	09-11-95	140	—	—	—	—	—	—	—	—	—
	09-18-95	154	—	—	—	—	—	—	—	—	—
	09-25-95	142	—	—	—	—	—	—	—	—	—
	10-02-95	149	—	—	—	—	—	—	—	—	—
	10-10-95	150	—	—	—	—	—	—	—	—	—
	10-17-95	153	—	—	—	—	—	—	—	—	—
	02-20-96	49	—	—	—	—	—	—	—	—	—
	03-06-96	53	—	—	—	—	—	—	—	—	—
	03-13-96	48	—	—	—	—	—	—	—	—	—
	03-18-96	46	—	—	—	—	—	—	—	—	—
	03-25-96	38	—	—	—	—	—	—	—	—	—
	04-03-96	40	—	—	—	—	—	—	—	—	—
	04-08-96	44	—	—	—	—	—	—	—	—	—
	04-22-96	144	—	—	—	—	—	—	—	—	—
	04-29-96	141	—	—	—	—	—	—	—	—	—
	05-06-96	144	—	—	—	—	—	—	—	—	—
	05-20-96	136	—	—	—	—	—	—	—	—	—
	05-30-96	142	—	—	—	—	—	—	—	—	—
	09-16-96	133	—	—	—	—	—	—	—	—	—
	09-23-96	133	—	—	—	—	—	—	—	—	—
	10-08-96	130	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 26ACC2	09-28-93	—	—	—	—	—	—	—	—	—
INJECTION	10-14-93	—	—	—	—	—	—	—	—	—
	04-19-94	—	—	—	—	—	—	—	—	—
	05-03-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	09-19-94	—	—	—	—	—	—	—	—	—
	09-26-94	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—
	10-18-94	—	—	—	—	—	—	—	—	—
	04-19-95	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—
	05-04-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	09-06-95	—	—	—	—	—	—	—	—	—
	09-11-95	—	—	—	—	—	—	—	—	—
	09-18-95	—	—	—	—	—	—	—	—	—
	09-25-95	—	—	—	—	—	—	—	—	—
	10-02-95	—	—	—	—	—	—	—	—	—
	10-10-95	—	—	—	—	—	—	—	—	—
	10-17-95	—	—	—	—	—	—	—	—	—
	02-20-96	—	—	—	—	—	—	—	—	—
	03-06-96	—	—	—	—	—	—	—	—	—
	03-13-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-25-96	—	—	—	—	—	—	—	—	—
	04-03-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-22-96	—	—	—	—	—	—	—	—	—
	04-29-96	—	—	—	—	—	—	—	—	—
	05-06-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	05-30-96	—	—	—	—	—	—	—	—	—
	09-16-96	—	—	—	—	—	—	—	—	—
	09-23-96	—	—	—	—	—	—	—	—	—
	10-08-96	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 26ACC2	09-28-93	—	27	110	—	—	—	4196	1016	26.42
INJECTION	10-14-93	—	K1	K12	—	—	—	4196	1016	68.00
	04-19-94	—	K3	—	—	—	—	4196	1016	—
	05-03-94	—	<1	K2	—	—	—	4196	1016	43.00
	05-10-94	—	52	K240	—	—	—	4196	1016	56.10
	05-17-94	—	K20	130	—	—	—	4196	1016	57.55
	05-24-94	—	K52	K250	—	—	—	4196	1016	109.20
	09-19-94	—	K8	100	—	—	—	4196	1016	253.75
	09-26-94	—	K7	K42	—	—	—	4196	1016	160.65
	10-12-94	—	K12	K65	—	—	—	4196	1016	0.0
	10-18-94	—	K17	180	—	—	—	4196	1016	8.13
	04-19-95	—	K7	K7	—	—	—	4196	1016	—
	04-25-95	—	K3	K20	—	—	—	4196	1016	23.63
	05-02-95	—	K400	>170	—	—	—	4196	1016	38.97
	05-04-95	—	K130	K130	—	—	—	4196	1016	28.00
	05-09-95	—	K10	K30	—	—	—	4196	1016	—
	05-16-95	—	K3	K10	—	—	—	4196	1016	—
	05-23-95	—	K460	K500	—	—	—	4196	1016	—
	09-06-95	—	K7	K160	—	—	—	4196	1016	—
	09-11-95	—	<1	K27	—	—	—	4196	1016	—
	09-18-95	—	K7	K30	—	—	—	4196	1016	—
	09-25-95	—	K16	K16	—	—	—	4196	1016	—
	10-02-95	—	K7	K22	—	—	—	4196	1016	—
	10-10-95	—	K3	K110	—	—	—	4196	1016	—
	10-17-95	—	K3	K12	—	—	—	4196	1016	—
	02-20-96	—	K780	K720	—	—	—	4196	1016	—
	03-06-96	—	K1	K440	—	—	—	4196	1016	—
	03-13-96	—	K83	K340	—	—	—	4196	1016	—
	03-18-96	—	K13	K73	—	—	—	4196	1016	—
	03-25-96	—	K10	K13	—	—	—	4196	1016	—
	04-03-96	—	K22	K53	—	—	—	4196	1016	—
	04-08-96	—	K49	K200	—	—	—	4196	1016	—
	04-22-96	—	K2	K13	—	—	—	4196	1016	—
	04-29-96	—	K18	140	—	—	—	4196	1016	—
	05-06-96	—	K12	210	—	—	—	4196	1016	—
	05-20-96	—	K38	K7	—	—	—	4196	1016	—
	05-30-96	—	230	K600	—	—	—	4196	1016	—
	09-16-96	—	110	K67	—	—	—	4196	1016	0.0
	09-23-96	—	200	220	—	—	—	4196	1016	—
	10-08-96	—	K3	K30	—	—	—	4196	1016	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 26ACC2 INJECTION	422622114115301	10-15-96	12.5	2260	5.0	386	8.3
		10-21-96	5.0	3260	7.2	406	8.6
		10-28-96	5.0	3250	7.2	419	8.8
		03-25-97	10.0	1050	2.3	370	8.8
		04-07-97	6.5	3050	6.8	375	8.9
		04-14-97	9.0	870	1.9	375	8.6
		04-22-97	12.0	3300	7.3	374	8.7
		04-30-97	9.5	2720	6.0	387	8.8
		05-14-97	19.0	3000	6.7	364	8.9
		05-20-97	17.5	—	—	375	8.7
11S 19E 23CDA1	422654114115901	08-25-92	15.0	—	—	2030	7.4
		09-23-92	17.0	—	—	2070	7.4
		09-25-92	15.0	—	—	2140	7.5
		09-30-92	16.0	—	—	2120	7.4
		10-02-92	15.5	—	—	2120	7.5
		10-15-92	14.5	—	—	2160	7.4
		10-16-92	14.0	—	—	2120	7.7
		04-29-93	13.0	—	—	2020	7.5
		05-05-93	12.5	—	—	2090	7.5
		05-11-93	14.0	—	—	1160	7.5
		05-17-93	15.0	—	—	815	7.2
		05-25-93	14.5	—	—	2050	7.5
		07-01-93	15.0	—	—	2120	7.4
		09-15-93	15.0	—	—	2110	7.4
		09-21-93	16.0	—	—	2090	7.4
		09-28-93	14.5	—	—	2060	7.4
		10-05-93	15.0	—	—	2030	7.5
		10-14-93	15.0	—	—	1980	7.5
		10-29-93	13.5	—	—	2070	7.5
		03-09-94	12.5	—	—	2070	7.6
		04-20-94	15.0	—	—	892	7.5
		04-28-94	13.0	—	—	2030	7.4
		05-04-94	13.5	—	—	1980	7.4
		05-10-94	14.0	—	—	2080	7.2
		05-17-94	14.0	—	—	2050	7.3
		05-24-94	14.5	—	—	2140	7.3
		08-29-94	15.5	—	—	1990	7.4
		09-19-94	16.0	—	—	2050	7.3
		09-26-94	15.5	—	—	2080	7.2
		10-12-94	14.0	—	—	1930	7.3

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 26ACC2	10-15-96	136	—	—	—	—	—	—	—	—	—
INJECTION	10-21-96	149	—	—	—	—	—	—	—	—	—
	10-28-96	149	—	—	—	—	—	—	—	—	—
	03-25-97	134	—	—	—	—	—	—	—	—	—
	04-07-97	139	—	—	—	—	—	—	—	—	—
	04-14-97	134	—	—	—	—	—	—	—	—	—
	04-22-97	137	—	—	—	—	—	—	—	—	—
	04-30-97	144	—	—	—	—	—	—	—	—	—
	05-14-97	126	—	—	—	—	—	—	—	—	—
	05-20-97	138	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	08-25-92	200	—	—	—	—	—	—	—	—	860
	09-23-92	212	—	—	—	—	—	—	—	—	—
	09-25-92	203	—	—	—	—	—	—	—	—	—
	09-30-92	215	—	—	—	—	5.70	—	—	—	—
	10-02-92	218	—	—	—	—	—	—	—	—	—
	10-15-92	217	—	—	—	—	—	—	—	—	—
	10-16-92	227	—	—	—	—	—	—	—	—	—
	04-29-93	215	—	—	—	—	—	—	—	—	—
	05-05-93	224	—	—	—	—	—	—	—	—	—
	05-11-93	156	0.030	<0.010	—	—	—	2.60	0.06	0.020	440
	05-17-93	136	—	—	—	—	—	—	—	—	—
	05-25-93	215	—	—	—	—	—	—	—	—	—
	07-01-93	212	—	—	—	—	—	—	—	—	—
	09-15-93	219	—	—	—	—	—	—	—	—	—
	09-21-93	222	—	—	—	—	—	—	—	—	—
	09-28-93	225	0.030	<0.010	—	0.30	—	5.50	0.09	0.030	850
	10-05-93	222	—	—	—	—	—	—	—	—	—
	10-14-93	227	—	—	—	—	—	—	—	—	—
	10-29-93	219	—	—	—	—	—	—	—	—	—
	03-09-94	233	0.040	<0.010	—	0.30	—	6.10	0.06	0.020	910
	04-20-94	146	0.020	<0.010	—	<0.20	—	1.80	0.06	0.020	320
	04-28-94	218	0.030	<0.010	—	0.40	—	5.60	0.06	0.020	850
	05-04-94	220	—	—	—	—	—	—	—	—	—
	05-10-94	221	—	—	—	—	—	—	—	—	—
	05-17-94	218	—	—	—	—	—	—	—	—	—
	05-24-94	219	—	—	—	—	—	—	—	—	—
	08-29-94	201	0.020	<0.010	—	0.20	—	5.60	—	<0.010	850
	09-19-94	208	—	—	—	—	—	—	—	—	—
	09-26-94	206	—	—	—	—	—	—	—	—	—
	10-12-94	219	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 26ACC2	10-15-96	—	—	—	—	—	—	—	—	—
INJECTION	10-21-96	—	—	—	—	—	—	—	—	—
	10-28-96	—	—	—	—	—	—	—	—	—
	03-25-97	—	—	—	—	—	—	—	—	—
	04-07-97	—	—	—	—	—	—	—	—	—
	04-14-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-30-97	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—
	05-20-97	—	—	—	—	—	—	—	—	—
11S 19E 23CDA1	08-25-92	230	70	89	1	18	18	320	400	0.30
	09-23-92	—	—	—	—	—	—	—	—	—
	09-25-92	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—
	10-02-92	—	—	—	—	—	—	—	—	—
	10-15-92	—	—	—	—	—	—	—	—	—
	10-16-92	—	—	—	—	—	—	—	—	—
	04-29-93	—	—	—	—	—	—	—	—	—
	05-05-93	—	—	—	—	—	—	—	—	—
	05-11-93	120	33	59	1	22	11	150	190	0.30
	05-17-93	—	—	—	—	—	—	—	—	—
	05-25-93	—	—	—	—	—	—	—	—	—
	07-01-93	—	—	—	—	—	—	—	—	—
	09-15-93	—	—	—	—	—	—	—	—	—
	09-21-93	—	—	—	—	—	—	—	—	—
	09-28-93	230	66	110	2	22	16	310	400	0.30
	10-05-93	—	—	—	—	—	—	—	—	—
	10-14-93	—	—	—	—	—	—	—	—	—
	10-29-93	—	—	—	—	—	—	—	—	—
	03-09-94	250	69	92	1	18	15	310	400	0.20
	04-20-94	87	24	46	1	23	10	100	130	0.40
	04-28-94	230	68	100	1	20	16	300	390	0.20
	05-04-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	08-29-94	230	68	92	1	19	17	310	390	0.20
	09-19-94	—	—	—	—	—	—	—	—	—
	09-26-94	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 26ACC2	10-15-96	—	K2	K40	—	—	—	4196	1016	—
INJECTION	10-21-96	—	K4	K25	—	—	—	4196	1016	—
	10-28-96	—	K1	<1	—	—	—	4196	1016	—
	03-25-97	—	K2	K110	—	—	—	4196	1016	—
	04-07-97	—	K2	K17	—	—	—	4196	1016	—
	04-14-97	—	<1	K37	—	—	—	4196	1016	—
	04-22-97	—	K68	180	—	—	—	4196	1016	—
	04-30-97	—	K27	K120	—	—	—	4196	1016	—
	05-14-97	—	K5	K20	—	—	—	4196	1016	—
	05-20-97	—	170	K130	—	—	—	4196	1016	—
11S 19E 23CDA1	08-25-92	55	—	—	1300	1.77	—	4190	1120	—
	09-23-92	—	<1	<1	—	—	—	4190	1120	—
	09-25-92	—	<1	K1	—	—	—	4190	1120	—
	09-30-92	—	<1	<1	—	—	—	4190	1120	—
	10-02-92	—	<1	<1	—	—	—	4190	1120	—
	10-15-92	—	<1	<1	—	—	—	4190	1120	—
	10-16-92	—	<1	<1	—	—	—	4190	1120	—
	04-29-93	—	<1	<1	—	—	—	4190	1120	225.80
	05-05-93	—	<1	<1	—	—	—	4190	1120	213.50
	05-11-93	56	<1	<1	724	0.99	0.04	4190	1120	199.66
	05-17-93	—	<1	<1	—	—	—	4190	1120	183.90
	05-25-93	—	<1	<1	—	—	—	4190	1120	248.98
	07-01-93	—	<1	<1	—	—	—	4190	1120	307.40
	09-15-93	—	<1	<1	—	—	—	4190	1120	261.98
	09-21-93	—	<1	K2	—	—	—	4190	1120	240.95
	09-28-93	51	<1	K1	1340	1.83	0.04	4190	1120	225.15
	10-05-93	—	<1	<1	—	—	—	4190	1120	241.52
	10-14-93	—	<1	<1	—	—	—	4190	1120	211.35
	10-29-93	—	<1	<1	—	—	—	4190	1120	226.75
	03-09-94	52	<1	<1	1360	1.84	0.05	4190	1120	220.05
	04-20-94	57	<1	<1	550	0.75	0.03	4190	1120	197.48
	04-28-94	52	<1	<1	1310	1.78	0.04	4190	1120	219.50
	05-04-94	—	<1	<1	—	—	—	4190	1120	208.25
	05-10-94	—	<1	<1	—	—	—	4190	1120	211.28
	05-17-94	—	<1	<1	—	—	—	4190	1120	234.95
	05-24-94	—	<1	<1	—	—	—	4190	1120	231.95
	08-29-94	57	—	—	1310	1.78	0.03	4190	1120	—
	09-19-94	—	<1	<1	—	—	—	4190	1120	295.06
	09-26-94	—	<1	K1	—	—	—	4190	1120	271.75
	10-12-94	—	<1	K2	—	—	—	4190	1120	211.35

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 23CDA1	422654114115901	10-19-94	14.0	—	—	1940	7.3
		11-01-94	14.0	—	—	2060	7.3
		04-10-95	12.5	—	—	2020	7.6
		04-18-95	13.0	—	—	2030	7.5
		04-25-95	13.0	—	—	856	7.5
		05-02-95	14.0	—	—	723	7.6
		05-09-95	14.0	—	—	685	7.5
		05-16-95	14.0	—	—	673	7.5
		05-24-95	14.0	—	—	1200	7.4
		08-09-95	15.5	—	—	1950	7.5
		09-05-95	16.0	—	—	1990	7.4
		09-11-95	15.5	—	—	1980	7.3
		09-18-95	15.0	—	—	1980	7.4
		09-25-95	15.0	—	—	1970	7.5
		10-02-95	14.5	—	—	1900	7.6
		10-10-95	15.0	—	—	1920	7.4
		11-20-95	13.5	—	—	1900	7.5
		02-27-96	11.5	—	—	1910	7.4
		03-06-96	12.0	—	—	1930	7.5
		03-18-96	13.0	—	—	1930	7.4
		03-25-96	12.5	—	—	1880	7.5
		04-02-96	13.0	—	—	1930	7.6
		04-08-96	13.5	—	—	1910	7.4
		04-19-96	12.5	—	—	1910	7.5
		04-22-96	13.5	—	—	676	7.5
		05-01-96	14.5	—	—	565	7.4
		05-06-96	14.0	—	—	1780	7.6
		05-20-96	14.0	—	—	1910	7.3
		05-28-96	14.0	—	—	1950	7.4
		08-13-96	16.0	—	—	1950	7.5
		09-11-96	15.0	—	—	1900	7.5
		09-16-96	14.5	—	—	1840	7.4
		09-23-96	14.5	—	—	1830	7.5
		10-08-96	14.5	—	—	1760	7.5
		10-15-96	14.5	—	—	1840	7.5
		10-21-96	13.5	—	—	1720	7.5
		10-28-96	14.0	—	—	1280	7.4
		01-28-97	12.0	—	—	1850	7.5
		03-18-97	14.0	—	—	1860	7.6
		04-07-97	13.5	—	—	818	7.6

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 23CDA1	10-19-94	233	—	—	—	—	—	—	—	—	—
	11-01-94	213	—	—	—	—	—	—	—	—	—
	04-10-95	215	<0.015	<0.010	—	0.30	—	5.70	0.06	0.020	830
	04-18-95	214	—	—	—	—	—	—	—	—	—
	04-25-95	146	—	—	—	—	—	—	—	—	310
	05-02-95	149	—	—	—	—	—	—	—	—	260
	05-09-95	146	—	—	—	—	—	—	—	—	250
	05-16-95	146	—	—	—	—	—	—	—	—	—
	05-24-95	175	—	—	—	—	—	—	—	—	—
	08-09-95	202	0.020	<0.010	—	0.30	—	5.80	0.03	0.010	800
	09-05-95	217	—	—	—	—	—	—	—	—	—
	09-11-95	218	—	—	—	—	—	—	—	—	—
	09-18-95	218	—	—	—	—	—	—	—	—	—
	09-25-95	217	—	—	—	—	—	—	—	—	—
	10-02-95	218	—	—	—	—	—	—	—	—	—
	10-10-95	218	—	—	—	—	—	—	—	—	—
	11-20-95	209	—	—	—	—	—	—	—	—	—
	02-27-96	213	0.020	0.020	—	0.30	—	5.40	0.06	0.020	780
	03-06-96	220	—	—	—	—	—	—	—	—	—
	03-18-96	222	—	—	—	—	—	—	—	—	—
	03-25-96	217	—	—	—	—	—	—	—	—	—
	04-02-96	214	—	—	—	—	—	—	—	—	—
	04-08-96	221	—	—	—	—	—	—	—	—	—
	04-19-96	213	—	—	—	—	—	—	—	—	—
	04-22-96	142	—	—	—	—	—	—	—	—	—
	05-01-96	123	—	—	—	—	—	—	—	—	200
	05-06-96	206	—	—	—	—	—	—	—	—	—
	05-20-96	220	—	—	—	—	—	—	—	—	—
	05-28-96	214	—	—	—	—	—	—	—	—	—
	08-13-96	210	0.040	0.010	—	0.30	—	4.50	0.09	0.030	780
	09-11-96	215	—	—	—	—	—	—	—	—	—
	09-16-96	220	—	—	—	—	—	—	—	—	—
	09-23-96	217	—	—	—	—	—	—	—	—	—
	10-08-96	218	—	—	—	—	—	—	—	—	—
	10-15-96	221	—	—	—	—	—	—	—	—	—
	10-21-96	218	—	—	—	—	—	—	—	—	—
	10-28-96	185	—	—	—	—	—	—	—	—	—
	01-28-97	215	—	—	—	—	—	—	—	—	—
	03-18-97	218	—	—	—	—	—	—	—	—	—
	04-07-97	152	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL DIENT-I-FIER	DATE	CALCIUM DIS-SOLVED (MG/L AS CA)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG)	SODIUM, DIS-SOLVED (MG/L AS NA)	SODIUM AD-SORP-TION RATIO	SODIUM PERCENT	POTAS-SIUM, DIS-SOLVED (MG/L AS K)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL)	SULFATE DIS-SOLVED (MG/L AS SO4)	FLUO-RIDE, DIS-SOLVED (MG/L AS F)
11S 19E 23CDA1	10-19-94	—	—	—	—	—	—	—	—	—
	11-01-94	—	—	—	—	—	—	—	—	—
	04-10-95	220	69	100	2	20	17	320	390	0.20
	04-18-95	—	—	—	—	—	—	—	—	—
	04-25-95	85	23	45	1	23	11	94	130	0.40
	05-02-95	72	19	39	1	24	10	71	100	0.40
	05-09-95	70	19	39	1	24	10	68	90	0.40
	05-16-95	—	—	—	—	—	—	—	—	—
	05-24-95	—	—	—	—	—	—	—	—	—
	08-09-95	220	62	84	1	18	17	290	360	0.20
	09-05-95	—	—	—	—	—	—	—	—	—
	09-11-95	—	—	—	—	—	—	—	—	—
	09-18-95	—	—	—	—	—	—	—	—	—
	09-25-95	—	—	—	—	—	—	—	—	—
	10-02-95	—	—	—	—	—	—	—	—	—
	10-10-95	—	—	—	—	—	—	—	—	—
	11-20-95	—	—	—	—	—	—	—	—	—
	02-27-96	210	63	93	1	20	15	280	370	0.20
	03-06-96	—	—	—	—	—	—	—	—	—
	03-18-96	—	—	—	—	—	—	—	—	—
	03-25-96	—	—	—	—	—	—	—	—	—
	04-02-96	—	—	—	—	—	—	—	—	—
	04-08-96	—	—	—	—	—	—	—	—	—
	04-19-96	—	—	—	—	—	—	—	—	—
	04-22-96	—	—	—	—	—	—	—	—	—
	05-01-96	54	15	35	1	27	10	51	82	0.50
	05-06-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	08-13-96	210	62	85	1	19	16	290	370	0.20
	09-11-96	—	—	—	—	—	—	—	—	—
	09-16-96	—	—	—	—	—	—	—	—	—
	09-23-96	—	—	—	—	—	—	—	—	—
	10-08-96	—	—	—	—	—	—	—	—	—
	10-15-96	—	—	—	—	—	—	—	—	—
	10-21-96	—	—	—	—	—	—	—	—	—
	10-28-96	—	—	—	—	—	—	—	—	—
	01-28-97	—	—	—	—	—	—	—	—	—
	03-18-97	—	—	—	—	—	—	—	—	—
	04-07-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 23CDA1	10-19-94	—	<1	<1	—	—	—	4190	1120	206.35
	11-01-94	—	<1	K1	—	—	—	4190	1120	234.67
	04-10-95	53	<1	<1	1320	1.80	—	4190	1120	216.43
	04-18-95	—	<1	<1	—	—	—	4190	1120	215.85
	04-25-95	58	<1	<1	534	0.73	—	4190	1120	182.45
	05-02-95	59	<1	<1	460	0.63	—	4190	1120	181.58
	05-09-95	60	<1	<1	444	0.60	—	4190	1120	175.50
	05-16-95	—	<1	<1	—	—	—	4190	1120	170.00
	05-24-95	—	<1	K1	—	—	—	4190	1120	196.93
	08-09-95	55	—	—	1240	1.68	0.03	4190	1120	315.92
	09-05-95	—	<1	K3	—	—	—	4190	1120	238.30
	09-11-95	—	<1	<1	—	—	—	4190	1120	233.55
	09-18-95	—	<1	K1	—	—	—	4190	1120	225.71
	09-25-95	—	<1	<1	—	—	—	4190	1120	242.17
	10-02-95	—	<1	<1	—	—	—	4190	1120	228.00
	10-10-95	—	<1	<1	—	—	—	4190	1120	211.31
	11-20-95	—	<1	—	—	—	—	4190	1120	219.29
	02-27-96	52	<1	<1	1230	1.68	0.03	4190	1120	208.65
	03-06-96	—	<1	<1	—	—	—	4190	1120	204.43
	03-18-96	—	<1	K1	—	—	—	4190	1120	192.79
	03-25-96	—	<1	<1	—	—	—	4190	1120	190.93
	04-02-96	—	<1	K1	—	—	—	4190	1120	196.13
	04-08-96	—	<1	<1	—	—	—	4190	1120	191.89
	04-19-96	—	<1	K1	—	—	—	4190	1120	199.50
	04-22-96	—	<1	<1	—	—	—	4190	1120	170.71
	05-01-96	60	<1	<1	381	0.52	—	4190	1120	173.02
	05-06-96	—	<1	K2	—	—	—	4190	1120	217.89
	05-20-96	—	<1	<1	—	—	—	4190	1120	199.59
	05-28-96	—	<1	<1	—	—	—	4190	1120	216.27
	08-13-96	54	<1	<1	1230	1.68	0.05	4190	1120	—
	09-11-96	—	<1	<1	—	—	—	4190	1120	246.33
	09-16-96	—	<1	<1	—	—	—	4190	1120	224.55
	09-23-96	—	<1	<1	—	—	—	4190	1120	219.90
	10-08-96	—	<1	K1	—	—	—	4190	1120	190.93
	10-15-96	—	<1	K3	—	—	—	4190	1120	192.73
	10-21-96	—	<1	<1	—	—	—	4190	1120	184.47
	10-28-96	—	<1	K2	—	—	—	4190	1120	176.50
	01-28-97	—	<1	<1	—	—	—	4190	1120	206.46
	03-18-97	—	<1	<1	—	—	—	4190	1120	202.95
	04-07-97	—	<1	<1	—	—	—	4190	1120	169.66

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 23CDA1	422654114115901	04-14-97	14.5	—	—	732	7.5
		04-22-97	14.5	—	—	654	7.6
		04-29-97	14.5	—	—	610	7.2
		05-08-97	14.5	—	—	1280	7.6
		05-14-97	14.5	—	—	1910	7.6
		05-21-97	14.5	—	—	1920	7.6
11S 19E 24CDC1	422657114105701	09-23-92	15.5	—	—	1240	6.9
		09-25-92	14.0	—	—	1260	6.9
		10-01-92	14.5	—	—	1250	6.9
		10-02-92	18.0	—	—	1260	6.9
		10-15-92	12.0	—	—	1320	6.8
		10-16-92	13.0	—	—	1240	7.1
		04-28-93	12.0	—	—	1280	6.8
		05-04-93	10.0	—	—	1290	6.8
		05-10-93	12.0	—	—	1330	6.9
		05-17-93	13.0	—	—	1320	6.7
		05-25-93	13.0	—	—	1290	6.7
		07-01-93	13.0	—	—	1350	6.9
		09-15-93	13.5	—	—	1260	6.8
		09-21-93	13.0	—	—	1260	6.9
		09-28-93	12.5	—	—	1260	6.9
		10-05-93	13.0	—	—	1260	6.9
		10-14-93	13.0	—	—	1250	6.8
		10-29-93	11.5	—	—	1250	6.8
		03-08-94	11.0	—	—	1380	6.9
		04-21-94	13.0	—	—	1390	6.6
		04-28-94	11.5	—	—	1440	6.6
		05-04-94	13.0	—	—	1390	6.8
		05-10-94	12.5	—	—	1470	6.7
		05-17-94	12.5	—	—	1470	6.7
		05-24-94	13.0	—	—	1330	6.9
		09-19-94	15.0	—	—	1460	7.0
		09-26-94	14.5	—	—	1370	6.9
		10-11-94	12.5	—	—	1320	6.6
		10-18-94	11.0	—	—	1280	6.8
		11-01-94	12.5	—	—	1300	7.0
		04-04-95	12.0	—	—	1390	6.9
		04-18-95	11.0	—	—	1420	6.9
		04-25-95	12.0	—	—	1450	6.9
		05-02-95	11.0	—	—	1420	7.0

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 23CDA1	04-14-97	152	—	—	—	—	—	—	—	—	—
	04-22-97	147	—	—	—	—	—	—	—	—	—
	04-29-97	142	—	—	—	—	—	—	—	—	—
	05-08-97	193	—	—	—	—	—	—	—	—	—
	05-14-97	214	—	—	—	—	—	—	—	—	—
	05-21-97	217	—	—	—	—	—	—	—	—	—
11S 19E 24CDC1	09-23-92	215	—	—	—	—	—	—	—	—	—
	09-25-92	229	—	—	—	—	—	—	—	—	—
	10-01-92	229	—	—	—	—	—	—	—	—	—
	10-02-92	223	—	—	—	—	—	—	—	—	—
	10-15-92	228	—	—	—	—	—	—	—	—	—
	10-16-92	233	—	—	—	—	—	—	—	—	—
	04-28-93	224	—	—	—	—	—	—	—	—	—
	05-04-93	232	—	—	—	—	—	—	—	—	—
	05-10-93	231	—	—	—	—	—	—	—	—	—
	05-17-93	227	—	—	—	—	—	—	—	—	—
	05-25-93	228	—	—	—	—	—	—	—	—	—
	07-01-93	228	—	—	—	—	—	—	—	—	—
	09-15-93	224	—	—	—	—	—	—	—	—	—
	09-21-93	224	—	—	—	—	—	—	—	—	—
	09-28-93	224	—	—	—	—	—	—	—	—	—
	10-05-93	229	—	—	—	—	—	—	—	—	—
	10-14-93	230	—	—	—	—	—	—	—	—	—
	10-29-93	228	—	—	—	—	—	—	—	—	—
	03-08-94	231	0.040	<0.010	—	<0.20	—	3.90	0.03	0.010	550
	04-21-94	225	—	—	—	—	—	—	—	—	—
	04-28-94	225	—	—	—	—	—	—	—	—	—
	05-04-94	226	—	—	—	—	—	—	—	—	—
	05-10-94	226	—	—	—	—	—	—	—	—	—
	05-17-94	224	—	—	—	—	—	—	—	—	—
	05-24-94	226	—	—	—	—	—	—	—	—	—
	09-19-94	227	—	—	—	—	—	—	—	—	—
	09-26-94	214	—	—	—	—	—	—	—	—	—
	10-11-94	223	—	—	—	—	—	—	—	—	—
	10-18-94	227	—	—	—	—	—	—	—	—	—
	11-01-94	228	—	—	—	—	—	—	—	—	—
	04-04-95	232	—	—	—	—	—	—	—	—	—
	04-18-95	228	—	—	—	—	—	—	—	—	—
	04-25-95	228	—	—	—	—	—	—	—	—	—
	05-02-95	231	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 23CDA1	04-14-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-08-97	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—
11S 19E 24CDC1	09-23-92	—	—	—	—	—	—	—	—	—
	09-25-92	—	—	—	—	—	—	—	—	—
	10-01-92	—	—	—	—	—	—	—	—	—
	10-02-92	—	—	—	—	—	—	—	—	—
	10-15-92	—	—	—	—	—	—	—	—	—
	10-16-92	—	—	—	—	—	—	—	—	—
	04-28-93	—	—	—	—	—	—	—	—	—
	05-04-93	—	—	—	—	—	—	—	—	—
	05-10-93	—	—	—	—	—	—	—	—	—
	05-17-93	—	—	—	—	—	—	—	—	—
	05-25-93	—	—	—	—	—	—	—	—	—
	07-01-93	—	—	—	—	—	—	—	—	—
	09-15-93	—	—	—	—	—	—	—	—	—
	09-21-93	—	—	—	—	—	—	—	—	—
	09-28-93	—	—	—	—	—	—	—	—	—
	10-05-93	—	—	—	—	—	—	—	—	—
	10-14-93	—	—	—	—	—	—	—	—	—
	10-29-93	—	—	—	—	—	—	—	—	—
	03-08-94	150	42	62	1	19	8.8	160	250	<0.10
	04-21-94	—	—	—	—	—	—	—	—	—
	04-28-94	—	—	—	—	—	—	—	—	—
	05-04-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	09-19-94	—	—	—	—	—	—	—	—	—
	09-26-94	—	—	—	—	—	—	—	—	—
	10-11-94	—	—	—	—	—	—	—	—	—
	10-18-94	—	—	—	—	—	—	—	—	—
	11-01-94	—	—	—	—	—	—	—	—	—
	04-04-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL DIENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 23CDA1	04-14-97	—	<1	<1	—	—	—	4190	1120	175.10
	04-22-97	—	<1	<1	—	—	—	4190	1120	166.18
	04-29-97	—	<1	<1	—	—	—	4190	1120	167.90
	05-08-97	—	<1	<1	—	—	—	4190	1120	201.85
	05-14-97	—	<1	<1	—	—	—	4190	1120	208.70
	05-21-97	—	<1	<1	—	—	—	4190	1120	230.97
11S 19E 24CDC1	09-23-92	—	<1	K15	—	—	—	4183	—	—
	09-25-92	—	<1	77	—	—	—	4183	—	—
	10-01-92	—	<1	<1	—	—	—	4183	—	—
	10-02-92	—	<1	48	—	—	—	4183	—	—
	10-15-92	—	<1	K6	—	—	—	4183	—	—
	10-16-92	—	<1	31	—	—	—	4183	—	—
	04-28-93	—	<1	K4	—	—	—	4183	—	125.55
	05-04-93	—	<1	<1	—	—	—	4183	—	125.02
	05-10-93	—	<1	K3	—	—	—	4183	—	125.38
	05-17-93	—	<1	K17	—	—	—	4183	—	126.63
	05-25-93	—	<1	K7	—	—	—	4183	—	124.93
	07-01-93	—	K3	<1	—	—	—	4183	—	124.50
	09-15-93	—	<1	K140	—	—	—	4183	—	127.45
	09-21-93	—	<1	K460	—	—	—	4183	—	128.07
	09-28-93	—	<1	96	—	—	—	4183	—	127.88
	10-05-93	—	<1	K40	—	—	—	4183	—	126.92
	10-14-93	—	<1	85	—	—	—	4183	—	127.45
	10-29-93	—	K1	K3	—	—	—	4183	—	126.25
	03-08-94	53	<1	K2	882	1.20	0.05	4183	—	119.64
	04-21-94	—	<1	—	—	—	—	4183	—	119.64
	04-28-94	—	<1	<1	—	—	—	4183	—	118.80
	05-04-94	—	<1	<1	—	—	—	4183	—	118.40
	05-10-94	—	<1	<1	—	—	—	4183	—	118.27
	05-17-94	—	<1	K5	—	—	—	4183	—	117.60
	05-24-94	—	<1	<1	—	—	—	4183	—	119.93
	09-19-94	—	<1	K3	—	—	—	4183	—	125.85
	09-26-94	—	<1	<1	—	—	—	4183	—	125.85
	10-11-94	—	<1	K18	—	—	—	4183	—	124.02
	10-18-94	—	<1	K4	—	—	—	4183	—	123.55
	11-01-94	—	<1	<1	—	—	—	4183	—	122.54
	04-04-95	—	<1	K1	—	—	—	4183	—	116.57
	04-18-95	—	<1	<1	—	—	—	4183	—	115.92
	04-25-95	—	K1	<1	—	—	—	4183	—	115.55
	05-02-95	—	<1	K1	—	—	—	4183	—	114.80

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 24CDC1	422657114105701	05-09-95	11.5	—	—	1480	6.9
		05-16-95	11.0	—	—	1500	6.8
		05-24-95	12.0	—	—	1430	6.8
		09-05-95	13.5	—	—	1510	6.8
		09-11-95	13.5	—	—	1520	6.8
		09-18-95	13.5	—	—	1520	6.9
		09-25-95	13.0	—	—	1440	6.9
		10-02-95	13.0	—	—	1490	7.0
		10-10-95	13.0	—	—	1510	6.9
		11-20-95	12.0	—	—	1560	6.9
		03-19-96	12.0	—	—	2870	7.0
		04-19-96	10.5	—	—	3070	7.2
		04-23-96	12.5	—	—	2790	7.1
		04-29-96	12.5	—	—	2070	7.0
		05-06-96	12.5	—	—	2270	7.0
		05-20-96	12.0	—	—	3520	7.2
		05-28-96	12.5	—	—	2120	7.0
		09-11-96	13.0	—	—	6210	7.6
		09-16-96	12.0	—	—	6250	7.5
		09-23-96	12.5	—	—	6400	7.4
		10-08-96	13.0	—	—	2830	7.0
		10-16-96	12.0	—	—	4740	7.2
		10-28-96	12.0	—	—	5740	7.5
		02-11-97	10.5	—	—	4960	7.5
		03-18-97	11.5	—	—	4990	7.6
		04-07-97	11.0	—	—	4990	7.5
		04-23-97	11.5	—	—	4990	7.4
		04-29-97	11.0	—	—	4940	7.4
		05-08-97	12.0	—	—	4750	7.5
		05-15-97	12.5	—	—	5010	7.5
		05-21-97	12.5	—	—	5010	7.5
11S 19E 24CBC2 INJECTION	422700114112202	09-23-92	17.0	—	—	470	8.6
		09-25-92	11.0	830	1.8	476	8.5
		09-30-92	17.0	180	0.40	453	8.9
		10-01-92	16.0	250	0.56	459	8.9
		10-15-92	9.0	980	2.2	475	8.8
		05-04-93	9.5	860	1.9	450	8.5
		05-10-93	15.0	925	2.1	480	9.0
		05-17-93	18.5	877	1.9	472	8.7
		05-24-93	20.0	400	0.89	442	8.5

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 24CDC1	05-09-95	230	—	—	—	—	—	—	—	—	—
	05-16-95	227	—	—	—	—	—	—	—	—	—
	05-24-95	224	—	—	—	—	—	—	—	—	—
	09-05-95	225	—	—	—	—	—	—	—	—	—
	09-11-95	227	—	—	—	—	—	—	—	—	—
	09-18-95	230	—	—	—	—	—	—	—	—	—
	09-25-95	230	—	—	—	—	—	—	—	—	—
	10-02-95	226	—	—	—	—	—	—	—	—	—
	10-10-95	224	—	—	—	—	—	—	—	—	—
	11-20-95	226	—	—	—	—	—	—	—	—	—
	03-19-96	218	—	—	—	—	—	—	—	—	—
	04-19-96	217	—	—	—	—	—	—	—	—	—
	04-23-96	217	—	—	—	—	—	—	—	—	—
	04-29-96	221	—	—	—	—	—	—	—	—	—
	05-06-96	224	—	—	—	—	—	—	—	—	—
	05-20-96	207	—	—	—	—	—	—	—	—	—
	05-28-96	219	—	—	—	—	—	—	—	—	—
	09-11-96	298	—	—	—	—	—	—	—	—	—
	09-16-96	301	—	—	—	—	—	—	—	—	—
	09-23-96	312	—	—	—	—	—	—	—	—	—
	10-08-96	252	—	—	—	—	—	—	—	—	—
	10-16-96	268	—	—	—	—	—	—	—	—	—
	10-28-96	283	—	—	—	—	—	—	—	—	—
	02-11-97	248	—	—	—	—	—	—	—	—	—
	03-18-97	245	—	—	—	—	—	—	—	—	—
	04-07-97	241	—	—	—	—	—	—	—	—	—
	04-23-97	243	—	—	—	—	—	—	—	—	—
	04-29-97	243	—	—	—	—	—	—	—	—	—
	05-08-97	249	—	—	—	—	—	—	—	—	—
	05-15-97	245	—	—	—	—	—	—	—	—	—
	05-21-97	245	—	—	—	—	—	—	—	—	—
11S 19E 24CBC2 INJECTION	09-23-92	161	—	—	—	—	—	—	—	—	—
	09-25-92	169	—	—	—	—	—	—	—	—	—
	09-30-92	157	—	—	—	—	—	—	—	—	—
	10-01-92	159	—	—	—	—	—	—	—	—	—
	10-15-92	164	—	—	—	—	—	—	—	—	—
	05-04-93	136	—	—	—	—	—	—	—	—	—
	05-10-93	150	—	—	—	—	—	—	—	—	—
	05-17-93	154	—	—	—	—	—	—	—	—	—
	05-24-93	142	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 24CDC1	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-24-95	—	—	—	—	—	—	—	—	—
	09-05-95	—	—	—	—	—	—	—	—	—
	09-11-95	—	—	—	—	—	—	—	—	—
	09-18-95	—	—	—	—	—	—	—	—	—
	09-25-95	—	—	—	—	—	—	—	—	—
	10-02-95	—	—	—	—	—	—	—	—	—
	10-10-95	—	—	—	—	—	—	—	—	—
	11-20-95	—	—	—	—	—	—	—	—	—
	03-19-96	—	—	—	—	—	—	—	—	—
	04-19-96	—	—	—	—	—	—	—	—	—
	04-23-96	—	—	—	—	—	—	—	—	—
	04-29-96	—	—	—	—	—	—	—	—	—
	05-06-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	05-28-96	—	—	—	—	—	—	—	—	—
	09-11-96	—	—	—	—	—	—	—	—	—
	09-16-96	—	—	—	—	—	—	—	—	—
	09-23-96	—	—	—	—	—	—	—	—	—
	10-08-96	—	—	—	—	—	—	—	—	—
	10-16-96	—	—	—	—	—	—	—	—	—
	10-28-96	—	—	—	—	—	—	—	—	—
	02-11-97	—	—	—	—	—	—	—	—	—
	03-18-97	—	—	—	—	—	—	—	—	—
	04-07-97	—	—	—	—	—	—	—	—	—
	04-23-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-08-97	—	—	—	—	—	—	—	—	—
	05-15-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—
11S 19E 24CBC2 INJECTION	09-23-92	—	—	—	—	—	—	—	—	—
	09-25-92	—	—	—	—	—	—	—	—	—
	09-30-92	—	—	—	—	—	—	—	—	—
	10-01-92	—	—	—	—	—	—	—	—	—
	10-15-92	—	—	—	—	—	—	—	—	—
	05-04-93	—	—	—	—	—	—	—	—	—
	05-10-93	—	—	—	—	—	—	—	—	—
	05-17-93	—	—	—	—	—	—	—	—	—
	05-24-93	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 24CDC1	05-09-95	—	<1	K1	—	—	—	4183	—	114.34
	05-16-95	—	<1	<1	—	—	—	4183	—	114.18
	05-24-95	—	<1	<1	—	—	—	4183	—	114.05
	09-05-95	—	<1	K21	—	—	—	4183	—	118.53
	09-11-95	—	<1	K150	—	—	—	4183	—	118.10
	09-18-95	—	<1	180	—	—	—	4183	—	117.63
	09-25-95	—	<1	K29	—	—	—	4183	—	117.22
	10-02-95	—	<1	K330	—	—	—	4183	—	117.93
	10-10-95	—	<1	52	—	—	—	4183	—	117.48
	11-20-95	—	<1	—	—	—	—	4183	—	114.93
	03-19-96	—	<1	<1	—	—	—	4183	—	110.97
	04-19-96	—	<1	K1	—	—	—	4183	—	110.18
	04-23-96	—	<1	<1	—	—	—	4183	—	110.13
	04-29-96	—	<1	<1	—	—	—	4183	—	109.85
	05-06-96	—	<1	K1	—	—	—	4183	—	109.55
	05-20-96	—	<1	K10	—	—	—	4183	—	109.38
	05-28-96	—	<1	K16	—	—	—	4183	—	109.54
	09-11-96	—	<1	57	—	—	—	4183	—	113.90
	09-16-96	—	<1	K9	—	—	—	4183	—	113.00
	09-23-96	—	<1	55	—	—	—	4183	—	112.11
	10-08-96	—	K9	K14	—	—	—	4183	—	110.67
	10-16-96	—	K2	K1	—	—	—	4183	—	109.22
	10-28-96	—	<1	K16	—	—	—	4183	—	107.13
	02-11-97	—	<1	<1	—	—	—	4183	—	104.05
	03-18-97	—	<1	K21	—	—	—	4183	—	103.25
	04-07-97	—	<1	<1	—	—	—	4183	—	102.35
	04-23-97	—	<1	K13	—	—	—	4183	—	101.48
	04-29-97	—	<1	<1	—	—	—	4183	—	101.08
	05-08-97	—	<1	<1	—	—	—	4183	—	101.44
	05-15-97	—	<1	<1	—	—	—	4183	—	101.23
	05-21-97	—	<1	K1	—	—	—	4183	—	101.31
	09-23-92	—	K37	220	—	—	—	4189	703.00	136.67
11S 19E 24CBC2	09-25-92	—	K360	K310	—	—	—	4189	703.00	63.50
INJECTION	09-30-92	—	K4	K13	—	—	—	4189	703.00	142.00
	10-01-92	—	K3	K1	—	—	—	4189	703.00	139.13
	10-15-92	—	<1	<1	—	—	—	4189	703.00	22.02
	05-04-93	—	13	9	—	—	—	4189	703.00	59.42
	05-10-93	—	K2	K2	—	—	—	4189	703.00	26.85
	05-17-93	—	K9	61	—	—	—	4189	703.00	25.13
	05-24-93	—	K7	K2	—	—	—	4189	703.00	71.78

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 19E 24CBC2 INJECTION	422700114112202	09-28-93	14.0	1020	2.3	437	8.6
		04-19-94	14.0	1030	2.3	448	8.7
		05-03-94	14.0	750	1.7	425	8.6
		05-10-94	15.0	300	0.67	431	8.5
		05-17-94	12.5	336	0.75	426	8.6
		05-24-94	16.0	750	1.7	401	8.6
		09-19-94	17.0	1070	2.4	422	8.6
		10-12-94	11.0	1450	3.2	473	8.4
		10-18-94	9.0	1440	3.2	501	8.8
		04-19-95	7.5	1380	3.1	454	9.5
		04-25-95	9.0	750	1.7	476	9.0
		05-02-95	10.0	1130	2.5	488	8.8
		05-09-95	11.5	990	2.2	460	8.7
		05-16-95	11.5	1150	2.6	434	8.8
		05-24-95	14.5	1130	2.5	434	8.8
		09-11-95	18.5	950	2.1	387	8.4
		10-02-95	11.0	950	2.1	406	8.8
		10-10-95	10.5	1020	2.3	414	8.9
		10-17-95	10.5	1040	2.3	422	8.8
		04-22-96	9.5	1220	2.7	398	8.8
		04-29-96	13.0	1300	2.9	392	8.6
		05-06-96	11.5	1040	2.3	404	8.7
		05-20-96	13.5	960	2.1	393	8.7
		09-10-96	18.0	1040	2.3	334	8.5
		09-16-96	14.0	1340	3.0	352	8.3
		09-23-96	11.5	983	2.2	359	8.6
		10-08-96	14.5	1060	2.4	366	8.3
		10-16-96	10.5	1000	2.0	392	8.5
		10-21-96	5.5	1140	2.5	402	8.7
		10-28-96	4.5	1000	2.2	414	8.9
		03-26-97	8.0	1070	2.4	371	8.8
		04-07-97	6.0	1050	2.3	375	8.8
		04-14-97	8.5	868	1.9	376	8.8
		04-22-97	12.5	1050	2.3	374	8.7
		04-29-97	11.0	1100	2.4	391	8.5
		05-07-97	15.5	1030	2.3	374	9.0
		05-14-97	19.0	—	—	359	9.0
		05-21-97	16.5	670	1.5	377	8.6

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL DIENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 19E 24CBC2	09-28-93	159	—	—	—	—	—	—	—	—	—
INJECTION	04-19-94	160	—	—	—	—	—	—	—	—	—
	05-03-94	150	—	—	—	—	—	—	—	—	—
	05-10-94	149	—	—	—	—	—	—	—	—	—
	05-17-94	151	—	—	—	—	—	—	—	—	—
	05-24-94	130	—	—	—	—	—	—	—	—	—
	09-19-94	144	—	—	—	—	—	—	—	—	—
	10-12-94	165	—	—	—	—	—	—	—	—	—
	10-18-94	175	—	—	—	—	—	—	—	—	—
	04-19-95	132	—	—	—	—	—	—	—	—	—
	04-25-95	136	—	—	—	—	—	—	—	—	—
	05-02-95	160	—	—	—	—	—	—	—	—	—
	05-09-95	156	—	—	—	—	—	—	—	—	—
	05-16-95	146	—	—	—	—	—	—	—	—	—
	05-24-95	141	—	—	—	—	—	—	—	—	—
	09-11-95	140	—	—	—	—	—	—	—	—	—
	10-02-95	150	—	—	—	—	—	—	—	—	—
	10-10-95	150	—	—	—	—	—	—	—	—	—
	10-17-95	153	—	—	—	—	—	—	—	—	—
	04-22-96	146	—	—	—	—	—	—	—	—	—
	04-29-96	142	—	—	—	—	—	—	—	—	—
	05-06-96	143	—	—	—	—	—	—	—	—	—
	05-20-96	139	—	—	—	—	—	—	—	—	—
	09-10-96	120	—	—	—	—	—	—	—	—	—
	09-16-96	131	—	—	—	—	—	—	—	—	—
	09-23-96	132	—	—	—	—	—	—	—	—	—
	10-08-96	131	—	—	—	—	—	—	—	—	—
	10-16-96	137	—	—	—	—	—	—	—	—	—
	10-21-96	146	—	—	—	—	—	—	—	—	—
	10-28-96	150	—	—	—	—	—	—	—	—	—
	03-26-97	132	—	—	—	—	—	—	—	—	—
	04-07-97	140	—	—	—	—	—	—	—	—	—
	04-14-97	134	—	—	—	—	—	—	—	—	—
	04-22-97	137	—	—	—	—	—	—	—	—	—
	04-29-97	142	—	—	—	—	—	—	—	—	—
	05-07-97	145	—	—	—	—	—	—	—	—	—
	05-14-97	126	—	—	—	—	—	—	—	—	—
	05-21-97	134	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 19E 24CBC2 INJECTION	09-28-93	—	—	—	—	—	—	—	—	—
	04-19-94	—	—	—	—	—	—	—	—	—
	05-03-94	—	—	—	—	—	—	—	—	—
	05-10-94	—	—	—	—	—	—	—	—	—
	05-17-94	—	—	—	—	—	—	—	—	—
	05-24-94	—	—	—	—	—	—	—	—	—
	09-19-94	—	—	—	—	—	—	—	—	—
	10-12-94	—	—	—	—	—	—	—	—	—
	10-18-94	—	—	—	—	—	—	—	—	—
	04-19-95	—	—	—	—	—	—	—	—	—
	04-25-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—
	05-09-95	—	—	—	—	—	—	—	—	—
	05-16-95	—	—	—	—	—	—	—	—	—
	05-24-95	—	—	—	—	—	—	—	—	—
	09-11-95	—	—	—	—	—	—	—	—	—
	10-02-95	—	—	—	—	—	—	—	—	—
	10-10-95	—	—	—	—	—	—	—	—	—
	10-17-95	—	—	—	—	—	—	—	—	—
	04-22-96	—	—	—	—	—	—	—	—	—
	04-29-96	—	—	—	—	—	—	—	—	—
	05-06-96	—	—	—	—	—	—	—	—	—
	05-20-96	—	—	—	—	—	—	—	—	—
	09-10-96	—	—	—	—	—	—	—	—	—
	09-16-96	—	—	—	—	—	—	—	—	—
	09-23-96	—	—	—	—	—	—	—	—	—
	10-08-96	—	—	—	—	—	—	—	—	—
	10-16-96	—	—	—	—	—	—	—	—	—
	10-21-96	—	—	—	—	—	—	—	—	—
	10-28-96	—	—	—	—	—	—	—	—	—
	03-26-97	—	—	—	—	—	—	—	—	—
	04-07-97	—	—	—	—	—	—	—	—	—
	04-14-97	—	—	—	—	—	—	—	—	—
	04-22-97	—	—	—	—	—	—	—	—	—
	04-29-97	—	—	—	—	—	—	—	—	—
	05-07-97	—	—	—	—	—	—	—	—	—
	05-14-97	—	—	—	—	—	—	—	—	—
	05-21-97	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 6

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 19E 24CBC2 INJECTION	09-28-93	—	44	91	—	—	—	4189	703.00	49.08
	04-19-94	—	<1	—	—	—	—	4189	703.00	57.90
	05-03-94	—	<1	K7	—	—	—	4189	703.00	64.13
	05-10-94	—	71	K330	—	—	—	4189	703.00	104.55
	05-17-94	—	K17	K30	—	—	—	4189	703.00	68.40
	05-24-94	—	K100	240	—	—	—	4189	703.00	59.55
	09-19-94	—	K15	110	—	—	—	4189	703.00	50.25
	10-12-94	—	K8	K48	—	—	—	4189	703.00	-0.1
	10-18-94	—	K20	160	—	—	—	4189	703.00	4.82
	04-19-95	—	<1	K7	—	—	—	4189	703.00	26.05
	04-25-95	—	K5	K33	—	—	—	4189	703.00	76.25
	05-02-95	—	K400	>170	—	—	—	4189	703.00	8.93
	05-09-95	—	<1	K20	—	—	—	4189	703.00	17.15
	05-16-95	—	<1	K17	—	—	—	4189	703.00	7.72
	05-24-95	—	K70	K52	—	—	—	4189	703.00	2.91
	09-11-95	—	K13	K60	—	—	—	4189	703.00	45.92
	10-02-95	—	K22	K110	—	—	—	4189	703.00	56.31
	10-10-95	—	K5	K82	—	—	—	4189	703.00	23.41
	10-17-95	—	K3	K32	—	—	—	4189	703.00	16.67
	04-22-96	—	K3	K6	—	—	—	4189	703.00	—
	04-29-96	—	K12	190	—	—	—	4189	703.00	—
	05-06-96	—	K23	200	—	—	—	4189	703.00	—
	05-20-96	—	K8	K23	—	—	—	4189	703.00	—
	09-10-96	—	47	110	—	—	—	4189	703.00	26.24
	09-16-96	—	K62	K60	—	—	—	4189	703.00	0.0
	09-23-96	—	160	K70	—	—	—	4189	703.00	10.71
	10-08-96	—	K3	K83	—	—	—	4189	703.00	—
	10-16-96	—	K2	K25	—	—	—	4189	703.00	—
	10-21-96	—	<1	K13	—	—	—	4189	703.00	—
	10-28-96	—	K2	K3	—	—	—	4189	703.00	—
	03-26-97	—	K2	K17	—	—	—	4189	703.00	—
	04-07-97	—	<1	K23	—	—	—	4189	703.00	—
	04-14-97	—	K3	K4	—	—	—	4189	703.00	—
	04-22-97	—	150	K540	—	—	—	4189	703.00	—
	04-29-97	—	120	470	—	—	—	4189	703.00	—
	05-07-97	—	K73	K14	—	—	—	4189	703.00	—
	05-14-97	—	K10	K7	—	—	—	4189	703.00	—
	05-21-97	—	K13	K100	—	—	—	4189	703.00	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
12S 20E 03CAC2 INJECTION	422424114060302	05-11-95	12.5	2600	5.8	474	8.5
		05-17-95	16.0	2600	5.8	454	8.6
		09-12-95	19.0	2300	5.1	387	8.3
		10-18-95	11.0	3160	7.0	430	8.8
		05-01-96	12.0	1590	3.5	393	8.3
		05-22-96	14.5	2320	5.2	315	8.1
		10-08-96	16.5	415	0.92	361	7.7
		10-16-96	11.5	2330	5.2	379	8.6
		10-22-96	5.0	1910	4.2	411	8.9
		10-29-96	5.0	2040	4.5	414	8.8
11S 20E 34CCC1	422504114061401	03-29-94	20.5	—	—	488	7.1
		09-20-94	22.0	—	—	451	6.9
		09-27-94	21.0	—	—	431	6.9
		10-13-94	20.0	—	—	665	7.0
		10-19-94	20.0	—	—	686	6.9
		04-11-95	21.5	—	—	544	7.1
		04-18-95	20.0	—	—	667	7.2
		04-27-95	21.5	—	—	467	7.2
		05-02-95	21.0	—	—	535	7.2
		05-10-95	20.5	—	—	606	7.2
		05-17-95	21.0	—	—	582	7.2
		05-23-95	21.0	—	—	571	7.1
		09-06-95	21.5	—	—	689	7.1
		09-12-95	22.0	—	—	528	7.1
		09-19-95	22.5	—	—	433	7.1
		09-26-95	21.0	—	—	616	7.1
		10-03-95	21.0	—	—	514	7.1
		11-21-95	21.5	—	—	605	7.1
		03-19-96	22.0	—	—	611	7.0
		04-30-96	21.0	—	—	632	7.0
		05-07-96	22.0	—	—	479	7.0
		05-22-96	21.0	—	—	611	7.1
		05-29-96	21.5	—	—	490	7.1
		09-11-96	21.5	—	—	483	7.1
		09-17-96	21.5	—	—	561	7.0
		10-08-96	20.5	—	—	1050	7.1
		10-16-96	21.0	—	—	1010	7.3
		10-22-96	21.0	—	—	994	7.2
		10-29-96	21.5	—	—	734	7.0
11S 20E 34CBA2 INJECTION	422524114061102	09-21-94	17.0	450	1.0	483	8.0

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHATE, ORTHO, DISSOLVED (MG/L AS PO4)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
12S 20E 03CAC2 INJECTION	05-11-95	160	—	—	—	—	—	—	—	—	—
	05-17-95	157	—	—	—	—	—	—	—	—	—
	09-12-95	137	—	—	—	—	—	—	—	—	—
	10-18-95	160	—	—	—	—	—	—	—	—	—
	05-01-96	148	—	—	—	—	—	—	—	—	—
	05-22-96	120	—	—	—	—	—	—	—	—	—
	10-08-96	127	—	—	—	—	—	—	—	—	—
	10-16-96	139	—	—	—	—	—	—	—	—	—
	10-22-96	152	—	—	—	—	—	—	—	—	—
	10-29-96	157	—	—	—	—	—	—	—	—	—
11S 20E 34CCC1	03-29-94	153	0.040	<0.010	0.330	<0.20	0.330	0.330	0.06	0.020	190
	09-20-94	153	—	—	—	—	—	—	—	—	—
	09-27-94	150	—	—	—	—	—	—	—	—	—
	10-13-94	165	—	—	—	—	—	—	—	—	—
	10-19-94	159	—	—	—	—	—	—	—	—	—
	04-11-95	151	—	—	—	—	—	—	—	—	—
	04-18-95	154	—	—	—	—	—	—	—	—	—
	04-27-95	150	—	—	—	—	—	—	—	—	—
	05-02-95	150	—	—	—	—	—	—	—	—	—
	05-10-95	151	—	—	—	—	—	—	—	—	—
	05-17-95	152	—	—	—	—	—	—	—	—	—
	05-23-95	150	—	—	—	—	—	—	—	—	—
	09-06-95	156	—	—	—	—	—	—	—	—	—
	09-12-95	150	—	—	—	—	—	—	—	—	—
	09-19-95	150	—	—	—	—	—	—	—	—	—
	09-26-95	153	—	—	—	—	—	—	—	—	—
	10-03-95	148	—	—	—	—	—	—	—	—	—
	11-21-95	152	—	—	—	—	—	—	—	—	—
	03-19-96	151	—	—	—	—	—	—	—	—	—
	04-30-96	152	—	—	—	—	—	—	—	—	—
	05-07-96	148	—	—	—	—	—	—	—	—	—
	05-22-96	154	—	—	—	—	—	—	—	—	—
	05-29-96	148	—	—	—	—	—	—	—	—	—
	09-11-96	148	—	—	—	—	—	—	—	—	—
	09-17-96	152	—	—	—	—	—	—	—	—	—
	10-08-96	163	—	—	—	—	—	—	—	—	—
	10-16-96	166	—	—	—	—	—	—	—	—	—
	10-22-96	158	—	—	—	—	—	—	—	—	—
	10-29-96	159	—	—	—	—	—	—	—	—	—
11S 20E 34CBA2 INJECTION	09-21-94	151	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
12S 20E 03CAC2 INJECTION	05-11-95	—	—	—	—	—	—	—	—	—
	05-17-95	—	—	—	—	—	—	—	—	—
	09-12-95	—	—	—	—	—	—	—	—	—
	10-18-95	—	—	—	—	—	—	—	—	—
	05-01-96	—	—	—	—	—	—	—	—	—
	05-22-96	—	—	—	—	—	—	—	—	—
	10-08-96	—	—	—	—	—	—	—	—	—
	10-16-96	—	—	—	—	—	—	—	—	—
	10-22-96	—	—	—	—	—	—	—	—	—
	10-29-96	—	—	—	—	—	—	—	—	—
11S 20E 34CCC1	03-29-94	58	11	18	0.6	16	9.3	33	44	0.80
	09-20-94	—	—	—	—	—	—	—	—	—
	09-27-94	—	—	—	—	—	—	—	—	—
	10-13-94	—	—	—	—	—	—	—	—	—
	10-19-94	—	—	—	—	—	—	—	—	—
	04-11-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	04-27-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—
	05-10-95	—	—	—	—	—	—	—	—	—
	05-17-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	09-06-95	—	—	—	—	—	—	—	—	—
	09-12-95	—	—	—	—	—	—	—	—	—
	09-19-95	—	—	—	—	—	—	—	—	—
	09-26-95	—	—	—	—	—	—	—	—	—
	10-03-95	—	—	—	—	—	—	—	—	—
	11-21-95	—	—	—	—	—	—	—	—	—
	03-19-96	—	—	—	—	—	—	—	—	—
	04-30-96	—	—	—	—	—	—	—	—	—
	05-07-96	—	—	—	—	—	—	—	—	—
	05-22-96	—	—	—	—	—	—	—	—	—
	05-29-96	—	—	—	—	—	—	—	—	—
	09-11-96	—	—	—	—	—	—	—	—	—
	09-17-96	—	—	—	—	—	—	—	—	—
	10-08-96	—	—	—	—	—	—	—	—	—
	10-16-96	—	—	—	—	—	—	—	—	—
	10-22-96	—	—	—	—	—	—	—	—	—
	10-29-96	—	—	—	—	—	—	—	—	—
11S 20E 34CBA2 INJECTION	09-21-94	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	SILICA, DIS-SOLVED (MG/L AS SIO2)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L)	SOLIDS, DIS-SOLVED (TONS PER AC-FT)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
12S 20E 03CAC2 INJECTION	05-11-95	—	K60	K150	—	—	—	4330	—	—
	05-17-95	—	K24	K44	—	—	—	4330	—	—
	09-12-95	—	K13	K190	—	—	—	4330	—	—
	10-18-95	—	K18	K51	—	—	—	4330	—	—
	05-01-96	—	K23	K110	—	—	—	4330	—	—
	05-22-96	—	410	730	—	—	—	4330	—	—
	10-08-96	—	<1	K20	—	—	—	4330	—	—
	10-16-96	—	K5	K83	—	—	—	4330	—	—
	10-22-96	—	K3	K20	—	—	—	4330	—	—
	10-29-96	—	K5	K10	—	—	—	4330	—	—
11S 20E 34CCC1	03-29-94	61	<1	49	328	0.45	0.05	4270	—	325.10
	09-20-94	—	K1	K13	—	—	—	4270	—	304.45
	09-27-94	—	<1	K23	—	—	—	4270	—	290.37
	10-13-94	—	K51	45	—	—	—	4270	—	278.01
	10-19-94	—	K56	K19	—	—	—	4270	—	279.64
	04-11-95	—	K4	K15	—	—	—	4270	—	279.90
	04-18-95	—	K4	K21	—	—	—	4270	—	270.41
	04-27-95	—	K79	<1	—	—	—	4270	—	—
	05-02-95	—	<1	<1	—	—	—	4270	—	—
	05-10-95	—	<1	<1	—	—	—	4270	—	—
	05-17-95	—	<1	<1	—	—	—	4270	—	—
	05-23-95	—	<1	<1	—	—	—	4270	—	—
	09-06-95	—	K5	K15	—	—	—	4270	—	—
	09-12-95	—	<1	K14	—	—	—	4270	—	—
	09-19-95	—	<1	K5	—	—	—	4270	—	—
	09-26-95	—	K4	K31	—	—	—	4270	—	—
	10-03-95	—	<1	K8	—	—	—	4270	—	—
	11-21-95	—	<1	—	—	—	—	4270	—	—
	03-19-96	—	<1	K1	—	—	—	4270	—	—
	04-30-96	—	<1	<1	—	—	—	4270	—	—
	05-07-96	—	<1	K1	—	—	—	4270	—	—
	05-22-96	—	<1	K17	—	—	—	4270	—	—
	05-29-96	—	<1	K490	—	—	—	4270	—	—
	09-11-96	—	<1	33	—	—	—	4270	—	—
	09-17-96	—	<1	K2	—	—	—	4270	—	—
	10-08-96	—	<1	K7	—	—	—	4270	—	—
	10-16-96	—	<1	K13	—	—	—	4270	—	—
	10-22-96	—	<1	K1	—	—	—	4270	—	—
	10-29-96	—	<1	<1	—	—	—	4270	—	—
11S 20E 34CBA2 INJECTION	09-21-94	—	K28	250	—	—	—	4245	555.00	92.58

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	FLOW RATE (G/M)	DIS-CHARGE, INST. (CUBIC FEET PER SECOND)	SPE-CIFIC CON-DUCT-ANCE (US/CM)	PH WATER WHOLE FIELD (STAND-ARD UNITS)
11S 20E 34CBA2 INJECTION	422524114061102	09-27-94	17.0	722	1.6	433	7.6
		10-13-94	11.5	1080	2.4	466	8.4
		04-27-95	11.5	1360	3.0	524	8.2
		05-10-95	13.5	1270	2.8	469	8.5
		05-12-95	11.0	1290	2.9	500	8.7
		05-17-95	15.5	1540	3.4	454	8.5
		05-23-95	16.5	1280	2.8	432	8.5
		09-12-95	18.0	830	1.8	397	8.3
		10-11-95	13.0	975	2.2	429	8.8
		10-18-95	11.0	860	1.9	429	8.8
		10-22-96	5.0	1300	2.9	411	8.9
		10-29-96	5.0	1040	2.3	414	8.6
11S 20E 33ADA2 INJECTION	422535114062702	09-21-94	17.0	450	1.0	491	7.9
		09-27-94	17.5	710	1.6	431	7.9
		10-13-94	11.5	498	1.1	460	8.2
		04-26-95	10.0	700	1.6	520	8.3
		05-02-95	11.0	900	2.0	499	8.7
		05-10-95	13.5	640	1.4	473	8.5
		05-17-95	16.0	790	1.8	453	8.6
		05-23-95	16.0	850	1.9	437	8.6
		09-12-95	18.5	400	0.89	391	8.3
		10-11-95	13.0	575	1.3	425	8.8
		10-18-95	11.0	495	1.1	428	8.8
		10-22-96	5.0	850	1.9	411	8.9
		10-29-96	5.0	724	1.6	414	8.8
11S 20E 28DDC1	422555114064401	03-29-94	12.5	—	—	1860	7.4
		09-20-94	17.5	—	—	1760	7.3
		09-27-94	17.5	—	—	1750	7.4
		10-13-94	15.0	—	—	1760	7.3
		10-19-94	15.0	—	—	1780	7.3
		04-11-95	12.5	—	—	1910	7.5
		04-18-95	12.0	—	—	1920	7.4
		04-27-95	12.0	—	—	1930	7.5
		05-02-95	13.5	—	—	1830	7.5
		05-10-95	13.0	—	—	1820	7.5
		05-17-95	13.5	—	—	1820	7.3
		05-23-95	14.0	—	—	1830	7.4
		09-06-95	18.0	—	—	1820	7.4
		09-12-95	18.5	—	—	1810	7.5
		09-19-95	16.5	—	—	1760	7.5

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENT-I-FIER	DATE	ALKALINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P)	HARDNESS TOTAL (MG/L AS CACO3)
11S 20E 34CBA2	09-27-94	145	—	—	—	—	—	—	—	—
INJECTION	10-13-94	159	—	—	—	—	—	—	—	—
	04-27-95	168	—	—	—	—	—	—	—	—
	05-10-95	158	—	—	—	—	—	—	—	—
	05-12-95	162	—	—	—	—	—	—	—	—
	05-17-95	154	—	—	—	—	—	—	—	—
	05-23-95	162	—	—	—	—	—	—	—	—
	09-12-95	145	—	—	—	—	—	—	—	—
	10-11-95	143	—	—	—	—	—	—	—	—
	10-18-95	157	—	—	—	—	—	—	—	—
	10-22-96	155	—	—	—	—	—	—	—	—
	10-29-96	153	—	—	—	—	—	—	—	—
11S 20E 33ADA2	09-21-94	152	—	—	—	—	—	—	—	—
INJECTION	09-27-94	147	—	—	—	—	—	—	—	—
	10-13-94	160	—	—	—	—	—	—	—	—
	04-26-95	166	—	—	—	—	—	—	—	—
	05-02-95	160	—	—	—	—	—	—	—	—
	05-10-95	158	—	—	—	—	—	—	—	—
	05-17-95	156	—	—	—	—	—	—	—	—
	05-23-95	146	—	—	—	—	—	—	—	—
	09-12-95	145	—	—	—	—	—	—	—	—
	10-11-95	144	—	—	—	—	—	—	—	—
	10-18-95	158	—	—	—	—	—	—	—	—
	10-22-96	149	—	—	—	—	—	—	—	—
	10-29-96	155	—	—	—	—	—	—	—	—
11S 20E 28DDC1	03-29-94	187	0.020	<0.010	8.70	0.30	8.70	8.70	<0.010	830
	09-20-94	163	—	—	—	—	—	—	—	—
	09-27-94	164	—	—	—	—	—	—	—	—
	10-13-94	165	—	—	—	—	—	—	—	—
	10-19-94	165	—	—	—	—	—	—	—	—
	04-11-95	189	—	—	—	—	—	—	—	—
	04-18-95	186	—	—	—	—	—	—	—	—
	04-27-95	185	—	—	—	—	—	—	—	—
	05-02-95	182	—	—	—	—	—	—	—	—
	05-10-95	188	—	—	—	—	—	—	—	—
	05-17-95	183	—	—	—	—	—	—	—	—
	05-23-95	182	—	—	—	—	—	—	—	—
	09-06-95	173	—	—	—	—	—	—	—	—
	09-12-95	166	—	—	—	—	—	—	—	—
	09-19-95	174	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENTIFIER	DATE	CALCIUM DISSOLVED (MG/L AS CA)	MAGNESIUM, DISSOLVED (MG/L AS MG)	SODIUM, DISSOLVED (MG/L AS NA)	SODIUM ADSORPTION RATIO	SODIUM PERCENT	POTASSIUM, DISSOLVED (MG/L AS K)	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	FLUORIDE, DISSOLVED (MG/L AS F)
11S 20E 34CBA2	09-27-94	—	—	—	—	—	—	—	—	—
INJECTION	10-13-94	—	—	—	—	—	—	—	—	—
	04-27-95	—	—	—	—	—	—	—	—	—
	05-10-95	—	—	—	—	—	—	—	—	—
	05-12-95	—	—	—	—	—	—	—	—	—
	05-17-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	09-12-95	—	—	—	—	—	—	—	—	—
	10-11-95	—	—	—	—	—	—	—	—	—
	10-18-95	—	—	—	—	—	—	—	—	—
	10-22-96	—	—	—	—	—	—	—	—	—
	10-29-96	—	—	—	—	—	—	—	—	—
11S 20E 33ADA2	09-21-94	—	—	—	—	—	—	—	—	—
INJECTION	09-27-94	—	—	—	—	—	—	—	—	—
	10-13-94	—	—	—	—	—	—	—	—	—
	04-26-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—
	05-10-95	—	—	—	—	—	—	—	—	—
	05-17-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	09-12-95	—	—	—	—	—	—	—	—	—
	10-11-95	—	—	—	—	—	—	—	—	—
	10-18-95	—	—	—	—	—	—	—	—	—
	10-22-96	—	—	—	—	—	—	—	—	—
	10-29-96	—	—	—	—	—	—	—	—	—
11S 20E 28DDC1	03-29-94	230	62	45	0.7	10	11	330	260	0.20
	09-20-94	—	—	—	—	—	—	—	—	—
	09-27-94	—	—	—	—	—	—	—	—	—
	10-13-94	—	—	—	—	—	—	—	—	—
	10-19-94	—	—	—	—	—	—	—	—	—
	04-11-95	—	—	—	—	—	—	—	—	—
	04-18-95	—	—	—	—	—	—	—	—	—
	04-27-95	—	—	—	—	—	—	—	—	—
	05-02-95	—	—	—	—	—	—	—	—	—
	05-10-95	—	—	—	—	—	—	—	—	—
	05-17-95	—	—	—	—	—	—	—	—	—
	05-23-95	—	—	—	—	—	—	—	—	—
	09-06-95	—	—	—	—	—	—	—	—	—
	09-12-95	—	—	—	—	—	—	—	—	—
	09-19-95	—	—	—	—	—	—	—	—	—

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENTIFIER	DATE	SILICA, DISSOLVED (MG/L AS SIO2)	COLIFORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREPTOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	SOLIDS, SUM OF CONSTITUENTS, DISSOLVED (MG/L)	SOLIDS, DISSOLVED (TONS PER AC-FT)	NITROGEN, AMMONIA DISSOLVED (MG/L AS NH4)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 20E 34CBA2	09-27-94	—	K5	77	—	—	—	4245	555.00	53.03
INJECTION	10-13-94	—	K27	K92	—	—	—	4245	555.00	42.48
	04-27-95	—	K30	K860	—	—	—	4245	555.00	34.00
	05-10-95	—	K53	K150	—	—	—	4245	555.00	38.12
	05-12-95	—	K10	370	—	—	—	4245	555.00	34.51
	05-17-95	—	K40	K31	—	—	—	4245	555.00	—
	05-23-95	—	K67	180	—	—	—	4245	555.00	—
	09-12-95	—	280	1000	—	—	—	4245	555.00	—
	10-11-95	—	K3	K43	—	—	—	4245	555.00	—
	10-18-95	—	K12	K60	—	—	—	4245	555.00	—
	10-22-96	—	K7	K17	—	—	—	4245	555.00	—
	10-29-96	—	K6	K58	—	—	—	4245	555.00	—
11S 20E 33ADA2	09-21-94	—	60	320	—	—	—	4229	369.00	16.31
INJECTION	09-27-94	—	K7	K28	—	—	—	4229	369.00	2.31
	10-13-94	—	K42	K63	—	—	—	4229	369.00	20.50
	04-26-95	—	K63	K670	—	—	—	4229	369.00	—
	05-02-95	—	K20	K290	—	—	—	4229	369.00	—
	05-10-95	—	K33	K150	—	—	—	4229	369.00	20.18
	05-17-95	—	K49	K33	—	—	—	4229	369.00	7.46
	05-23-95	—	K60	140	—	—	—	4229	369.00	0.0
	09-12-95	—	K260	850	—	—	—	4229	369.00	45.11
	10-11-95	—	K7	K20	—	—	—	4229	369.00	33.99
	10-18-95	—	K9	K36	—	—	—	4229	369.00	35.13
	10-22-96	—	K8	K30	—	—	—	4229	369.00	—
	10-29-96	—	K11	—	—	—	—	4229	369.00	—
11S 20E 28DDC1	03-29-94	44	<1	K5	1130	1.54	0.03	4204	700.00	168.55
	09-20-94	—	<1	K8	—	—	—	4204	700.00	138.88
	09-27-94	—	<1	K5	—	—	—	4204	700.00	137.90
	10-13-94	—	K5	110	—	—	—	4204	700.00	133.94
	10-19-94	—	K3	42	—	—	—	4204	700.00	133.76
	04-11-95	—	<1	<1	—	—	—	4204	700.00	136.30
	04-18-95	—	<1	<1	—	—	—	4204	700.00	125.65
	04-27-95	—	<1	<1	—	—	—	4204	700.00	125.19
	05-02-95	—	<1	<1	—	—	—	4204	700.00	126.28
	05-10-95	—	<1	K1	—	—	—	4204	700.00	127.06
	05-17-95	—	<1	<1	—	—	—	4204	700.00	127.00
	05-23-95	—	<1	<1	—	—	—	4204	700.00	127.89
	09-06-95	—	<1	K160	—	—	—	4204	700.00	135.06
	09-12-95	—	<1	K960	—	—	—	4204	700.00	134.03
	09-19-95	—	<1	K13	—	—	—	4204	700.00	133.98

Table 2. Monitoring water-quality data for selected sites in the Murtaugh Lake area, 1992 through June 1997 —Continued

SITE 7

LOCAL IDENT-I-FIER	STATION NUMBER	DATE	TEMPER-ATURE WATER (DEG C)	SPE-CIFIC CON-DUCT-ANCE (US/CM)
11S 20E 28DDC1	422555114064401	09-26-95	16.5	1790
		10-03-95	15.5	1760
		10-11-95	15.0	1760
		11-21-95	13.0	1770
		03-19-96	12.0	1870
		04-30-96	12.5	1870
		05-07-96	13.5	1820
		05-22-96	13.5	1860
		05-29-96	13.5	1700
		09-11-96	16.0	1780
		10-16-96	15.5	1720
		10-22-96	14.0	1720
		10-29-96	13.5	1730

LOCAL IDENT-I-FIER	DATE	PH WATER WHOLE FIELD (STAND-ARD UNITS)	ALKA-LINITY WAT WH TOT FET FIELD (MG/L AS CACO3)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./ 100 ML)	STREP-TOCOCCI FECAL, KF AGAR (COLS. PER 100 ML)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE NGVD)	DEPTH OF WELL, TOTAL (FEET)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
11S 20E 28DDC1	09-26-95	7.5	171	<1	K5	4204	700.00	143.38
	10-03-95	7.5	168	K1	K1	4204	700.00	133.06
	10-11-95	7.3	166	K27	K760	4204	700.00	131.45
	11-21-95	7.4	173	K5	—	4204	700.00	126.54
	03-19-96	7.4	182	<1	K3	4204	700.00	122.41
	04-30-96	7.4	184	51	K8	4204	700.00	121.63
	05-07-96	7.2	173	K8	K8	4204	700.00	122.74
	05-22-96	7.4	191	K1	K29	4204	700.00	124.69
	05-29-96	7.2	188	<1	K20	4204	700.00	125.55
	09-11-96	7.5	166	<1	13	4204	700.00	131.62
	10-16-96	7.5	166	K3	K5	4204	700.00	127.51
	10-22-96	7.5	163	K330	K1	4204	700.00	126.81
	10-29-96	7.4	170	K27	K5	4204	700.00	125.69

Table 3. Mean daily rates of injection for gaging station 13087700, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-24CBC2, January 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.00	.00	.00	.00	.00	1.3	—	—
2	—	—	—	.00	.45	.00	.00	.00	.48	2.3	—	—
3	—	—	—	.00	1.8	.00	.00	.00	1.7	2.9	—	—
4	—	—	—	.00	.31	.00	.27	.00	1.7	2.9	—	—
5	—	—	—	.00	.01	.03	.48	.00	.66	2.8	—	—
6	—	—	—	.00	.14	1.6	.00	.00	.00	2.3	—	—
7	—	—	—	.00	.02	.85	.00	.00	.00	3.3	—	—
8	—	—	—	.00	.07	.00	.00	.00	.00	3.2	—	—
9	—	—	—	.00	.35	.00	.00	.00	.00	3.2	—	—
10	—	—	—	.00	.51	.00	.00	.00	.00	3.3	—	—
11	—	—	—	.00	.00	.00	.00	.00	1.6	2.9	—	—
12	—	—	—	.00	.28	.00	.00	.00	1.6	3.2	—	—
13	—	—	—	.00	.25	.68	.14	.00	1.6	3.1	—	—
14	—	—	—	.00	.09	1.4	.00	.00	1.6	3.1	—	—
15	—	—	—	1.0	.00	.00	.00	.00	1.6	3.1	—	—
16	—	—	—	.09	.32	.00	.00	.00	1.6	3.1	—	—
17	—	—	—	.00	.63	.00	.00	.00	1.6	1.3	—	—
18	—	—	—	.00	1.2	.00	.00	.00	2.1	1.6	—	—
19	—	—	—	.67	1.7	.00	.00	.00	2.4	3.2	—	—
20	—	—	—	.69	1.7	.00	.00	.00	2.4	3.0	—	—
21	—	—	—	1.4	1.7	.00	.00	.00	2.4	3.0	—	—
22	—	—	—	2.0	1.6	.00	.00	.00	1.6	.17	—	—
23	—	—	—	2.1	1.6	.00	.00	.00	.00	.00	—	—
24	—	—	—	1.9	1.6	.00	.00	.00	.00	.00	—	—
25	—	—	—	1.9	1.4	.00	.00	.00	.00	.00	—	—
26	—	—	—	1.9	.00	.00	.00	.00	.00	.00	—	—
27	—	—	—	1.7	.00	.00	.00	.00	.00	.00	—	—
28	—	—	—	.13	.00	.00	.00	.00	.00	.00	—	—
29	—	—	—	.00	.00	.00	.00	.00	1.4	.00	—	—
30	—	—	—	.00	.00	.00	.00	.00	1.7	.00	—	—
31	—	—	—	—	.00	—	.00	.00	—	.00	—	—
TOTAL	—	—	—	15.48	17.73	4.56	0.89	0.00	29.74	58.27	—	—
MEAN	—	—	—	.52	.57	.15	.029	.000	.99	1.88	—	—
MAX	—	—	—	2.1	1.8	1.6	.48	.00	2.4	3.3	—	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	31	35	9.0	1.8	.00	59	116	—	—

CAL YR 1994: TOTAL 126.67 MEAN .58 MAX 3.3 MIN .00 AC-FT 251

Table 3. Mean daily rates of injection for gaging station 13087700, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-24CBC2, January 1994 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
						1995						
1	—	—	—	.00	2.5	2.5	1.8	.00	.39	.56	—	—
2	—	—	—	.00	2.5	2.4	1.7	.00	1.8	2.0	—	—
3	—	—	—	.00	2.5	1.9	1.8	.00	1.9	2.1	—	—
4	—	—	—	.00	2.6	1.6	.86	.00	1.9	2.3	—	—
5	—	—	—	.00	2.7	1.8	.00	.00	1.9	2.4	—	—
6	—	—	—	.00	2.7	.23	.76	.00	.60	2.4	—	—
7	—	—	—	.00	2.5	1.0	.00	.00	.00	2.4	—	—
8	—	—	—	.00	2.3	1.5	.00	.00	.00	2.3	—	—
9	—	—	—	.00	2.4	2.1	.00	.00	.00	2.3	—	—
10	—	—	—	.00	1.4	2.0	.00	.00	1.5	2.2	—	—
11	—	—	—	.00	2.6	.00	.00	.00	2.1	2.3	—	—
12	—	—	—	.00	2.6	.00	.00	.00	2.1	2.3	—	—
13	—	—	—	.00	2.6	1.7	.00	.00	2.1	2.3	—	—
14	—	—	—	.00	2.5	2.1	.00	.00	2.1	2.4	—	—
15	—	—	—	.00	2.5	1.0	.00	.00	1.3	2.3	—	—
16	—	—	—	.00	2.5	1.1	.00	.00	.76	2.3	—	—
17	—	—	—	.00	2.2	2.1	.00	.00	.62	2.3	—	—
18	—	—	—	.00	.75	1.9	.00	.00	.00	2.3	—	—
19	—	—	—	1.7	2.5	2.1	.00	.00	.00	2.3	—	—
20	—	—	—	2.8	2.5	2.1	.00	.00	.00	2.3	—	—
21	—	—	—	1.8	2.3	1.7	.00	.00	.00	2.3	—	—
22	—	—	—	.20	.60	.94	.00	.00	.00	2.5	—	—
23	—	—	—	.28	1.1	.00	.00	.00	.00	1.1	—	—
24	—	—	—	.13	2.5	.00	.00	1.1	.00	1.3	—	—
25	—	—	—	1.1	1.8	.00	.00	1.8	.00	2.3	—	—
26	—	—	—	2.3	1.2	.00	.00	1.8	.00	2.6	—	—
27	—	—	—	2.7	1.4	1.4	.00	2.0	.00	2.5	—	—
28	—	—	—	2.6	2.3	2.0	.00	1.9	.00	.91	—	—
29	—	—	—	2.6	.94	1.9	.00	1.3	.00	.00	—	—
30	—	—	—	2.6	.32	1.8	.00	.54	.00	.00	—	—
31	—	—	—	—	2.7	—	.00	.00	—	.00	—	—
TOTAL	—	—	—	20.81	64.51	40.87	6.92	10.44	21.07	59.57	—	—
MEAN	—	—	—	.69	2.08	1.36	.22	.34	.70	1.92	—	—
MAX	—	—	—	2.8	2.7	2.5	1.8	2.0	2.1	2.6	—	—
MIN	—	—	—	.00	.32	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	41	128	81	14	21	42	118	—	—

CAL YR 1995: TOTAL 224.19 MEAN 1.05 MAX 2.8 MIN .00 AC-FT 445

Table 3. Mean daily rates of injection for gaging station 13087700, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-24CBC2, January 1994 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
						1996						
1	—	—	—	.00	e2.3	.00	.00	.00	.00	2.9	.23	—
2	—	—	—	.00	2.2	.30	.00	.00	.00	2.4	.00	—
3	—	—	—	.00	2.1	2.1	.00	.00	.00	2.1	.00	—
4	—	—	—	.00	2.2	2.2	.00	.00	.00	2.0	.00	—
5	—	—	—	.00	2.4	2.2	.00	.00	e2.3	2.0	.00	—
6	—	—	—	.00	1.9	2.4	.00	.90	e2.3	2.0	.00	—
7	—	—	—	.00	1.4	2.4	.00	.43	e2.3	2.2	.00	—
8	—	—	—	.00	2.5	2.5	.00	.08	e2.3	2.3	.00	—
9	—	—	—	.00	2.6	2.4	.15	.00	e2.3	2.2	.00	—
10	—	—	—	.00	2.2	1.8	.10	.00	2.3	2.2	.00	—
11	—	—	—	.00	1.5	.00	.00	.00	2.3	2.3	.00	—
12	—	—	—	.00	.00	.21	.00	.00	2.3	2.3	.00	—
13	—	—	—	.00	.22	.73	.00	.00	2.3	2.2	.00	—
14	—	—	—	.00	.91	2.0	2.2	.00	2.3	2.2	.00	—
15	—	—	—	.00	2.1	.68	.84	.00	2.3	2.2	.00	—
16	—	—	—	.00	2.1	.00	.00	.00	2.7	2.2	.00	—
17	—	—	—	.00	2.1	.00	.00	.00	3.0	1.4	.00	—
18	—	—	—	.00	2.0	.00	.00	1.1	2.9	.00	.00	—
19	—	—	—	e1.8	2.0	.00	.81	2.5	2.7	.00	.00	—
20	—	—	—	e2.9	2.1	.00	2.6	2.7	2.0	.00	.00	—
21	—	—	—	e2.9	2.1	.11	2.7	2.7	1.6	1.2	.00	—
22	—	—	—	e2.7	2.1	.71	2.7	2.4	2.3	2.3	.00	—
23	—	—	—	e2.7	2.1	2.2	2.1	1.3	2.2	2.2	.00	—
24	—	—	—	e2.8	2.1	1.8	.61	1.4	2.3	1.8	.00	—
25	—	—	—	e2.8	2.1	1.2	.01	1.4	2.5	1.6	.00	—
26	—	—	—	e2.7	2.1	.45	.01	1.6	2.5	1.8	.00	—
27	—	—	—	e2.8	.88	.00	.00	1.6	2.6	2.0	.00	—
28	—	—	—	e2.9	.00	.00	.00	1.0	2.7	2.0	.00	—
29	—	—	—	e2.9	.00	.00	.00	.00	2.6	2.0	.00	—
30	—	—	—	e2.9	.00	.00	.00	.00	2.7	2.0	.00	—
31	—	—	—	—	.00	—	.00	.00	—	1.9	—	—
TOTAL	—	—	—	32.80	50.31	28.39	14.83	21.11	62.60	57.90	0.23	—
MEAN	—	—	—	1.09	1.62	.95	.48	.68	2.09	1.87	.008	—
MAX	—	—	—	2.9	2.6	2.5	2.7	2.7	3.0	2.9	.23	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
AC-FT	—	—	—	65	100	56	29	42	124	115	.5	—

CAL YR 1996: TOTAL 268.17 MEAN 1.10 MAX 3.0 MIN .00 AC-FT 532

Table 3. Mean daily rates of injection for gaging station 13087700, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-24CBC2, January 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	—	—	.00	.00	2.6	1.9
2	—	—	.00	1.1	2.6	2.0
3	—	—	.00	2.4	2.6	1.9
4	—	—	.00	.00	2.4	1.9
5	—	—	.00	.00	2.4	1.9
6	—	—	.00	.00	2.3	1.9
7	—	—	.00	1.4	2.4	1.9
8	—	—	.00	2.4	2.1	2.0
9	—	—	.00	2.4	2.2	1.9
10	—	—	.00	2.4	e2.2	.56
11	—	—	.00	2.3	e1.9	.00
12	—	—	.00	2.3	e1.8	.57
13	—	—	.00	1.9	e1.8	1.5
14	—	—	.00	1.9	e1.8	2.1
15	—	—	.00	2.1	e1.8	2.0
16	—	—	.00	2.3	e1.8	1.9
17	—	—	.00	2.2	e1.8	1.3
18	—	—	.00	1.4	1.8	.00
19	—	—	.00	1.5	1.8	.00
20	—	—	.00	2.1	1.6	.00
21	—	—	.00	1.9	1.6	.00
22	—	—	.00	e1.8	1.7	.00
23	—	—	.00	.71	1.8	.00
24	—	—	.61	.81	1.8	.00
25	—	—	2.4	2.6	1.8	.00
26	—	—	2.4	2.5	1.9	.00
27	—	—	.80	2.4	1.9	.00
28	—	—	.00	2.3	1.9	.54
29	—	—	.00	2.4	1.9	.45
30	—	—	.00	2.5	1.8	1.2
31	—	—	.00	—	1.9	—
TOTAL	—	—	6.21	52.02	61.7	29.42
MEAN	—	—	.20	1.73	1.99	.98
MAX	—	—	2.4	2.6	2.6	2.1
MIN	—	—	.00	.00	1.6	.00
AC-FT	—	—	12	103	122	58

CAL YR 1997 to date: TOTAL 149.35 MEAN — MAX 2.6 MIN .00 AC-FT 295

Table 4. Mean daily rates of injection for gaging station 13087705, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26ACC2, January 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.00	3.6	.00	2.2	.00	6.3	—	—
2	—	—	—	.00	1.6	1.7	.00	.25	.20	7.0	—	—
3	—	—	—	.00	7.1	.09	.00	.00	.63	7.6	—	—
4	—	—	—	.00	6.4	1.3	.00	.00	.59	7.8	—	—
5	—	—	—	.00	6.3	1.4	.00	1.0	.90	7.6	—	—
6	—	—	—	.00	5.3	.24	.77	.48	2.7	5.1	—	—
7	—	—	—	.00	3.4	1.6	1.3	2.0	2.7	7.7	—	—
8	—	—	—	.00	4.6	1.3	1.3	.36	2.4	7.7	—	—
9	—	—	—	.00	4.0	.00	.00	.18	1.9	7.8	—	—
10	—	—	—	.00	5.2	.00	.00	.72	1.0	8.2	—	—
11	—	—	—	.00	5.5	.36	.00	.70	.00	8.2	—	—
12	—	—	—	.00	5.2	.00	.00	.19	.00	6.5	—	—
13	—	—	—	.00	5.3	.00	.00	.14	.00	7.3	—	—
14	—	—	—	.00	7.0	.28	.00	.71	.00	7.3	—	—
15	—	—	—	4.4	5.9	.10	.00	.71	1.2	7.8	—	—
16	—	—	—	.35	4.3	1.3	.00	.22	2.0	7.9	—	—
17	—	—	—	.00	5.5	.57	.00	.00	2.0	7.9	—	—
18	—	—	—	2.3	7.0	1.1	.20	.16	2.0	3.5	—	—
19	—	—	—	6.7	7.2	.00	.87	.38	2.1	3.7	—	—
20	—	—	—	3.8	7.1	1.3	.00	.66	2.1	7.2	—	—
21	—	—	—	4.0	7.0	.70	.00	1.8	2.1	6.4	—	—
22	—	—	—	3.8	6.3	.31	.21	.48	3.1	7.3	—	—
23	—	—	—	1.1	3.8	.00	1.4	.43	7.0	1.8	—	—
24	—	—	—	2.3	2.3	.00	.85	.42	6.7	.00	—	—
25	—	—	—	1.9	2.9	.00	.50	.40	6.4	.00	—	—
26	—	—	—	1.8	2.9	.00	.68	.40	3.1	.00	—	—
27	—	—	—	3.8	2.6	.00	.32	.40	4.3	.00	—	—
28	—	—	—	5.2	1.2	.00	.76	1.4	4.8	.00	—	—
29	—	—	—	1.9	1.2	.00	.54	2.3	4.6	.00	—	—
30	—	—	—	.00	1.4	.00	1.5	.87	4.4	.00	—	—
31	—	—	—	—	3.1	—	1.6	.13	—	.00	—	—
TOTAL	—	—	—	43.35	138.60	17.25	12.80	20.09	70.92	155.60	—	—
MEAN	—	—	—	1.44	4.47	.57	.41	.65	2.36	5.02	—	—
MAX	—	—	—	6.7	7.2	3.6	1.6	2.3	7.0	8.2	—	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	86	275	34	25	40	141	309	—	—

CAL YR 1994: TOTAL 458.61 MEAN 2.11 MAX 8.2 MIN .00 AC-FT 910

Table 4. Mean daily rates of injection for gaging station 13087705, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26ACC2, January 1994 through June 1997—Continued

	1995											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	.00	.00	5.3	6.7	.00	.00	1.9	5.9	—	—
2	—	—	.00	.00	5.5	6.7	.00	.00	2.5	5.2	—	—
3	—	—	.00	.00	5.8	7.0	.00	.00	2.2	4.8	—	—
4	—	—	.00	.00	6.3	7.0	.00	.00	3.3	5.2	—	—
5	—	—	.00	.00	6.7	7.0	.00	.00	2.8	5.7	—	—
6	—	—	.00	.00	6.5	7.0	.84	.00	2.4	7.3	—	—
7	—	—	.00	.00	7.6	7.0	.07	.00	2.9	7.2	—	—
8	—	—	.00	.00	7.9	5.6	.00	.00	3.7	6.4	—	—
9	—	—	.00	.00	7.5	6.5	.00	.00	3.7	6.4	—	—
10	—	—	.00	.00	4.5	5.9	.00	.00	3.7	6.6	—	—
11	—	—	.00	.00	7.7	.00	.00	.00	3.7	7.1	—	—
12	—	—	.00	.00	7.7	.00	.00	.00	2.5	7.0	—	—
13	—	—	.00	.00	7.7	5.0	.00	.00	1.9	6.6	—	—
14	—	—	.00	.00	7.6	3.5	.00	.00	2.4	7.0	—	—
15	—	—	.00	.00	7.7	4.5	.00	.00	1.1	7.0	—	—
16	—	—	.00	.00	7.6	2.6	.00	.00	4.0	7.0	—	—
17	—	—	.00	.00	8.1	2.0	.00	.00	5.4	7.1	—	—
18	—	—	.00	.00	7.0	1.8	.00	.00	5.4	5.2	—	—
19	—	—	.00	4.7	7.7	1.6	.00	.00	4.6	6.2	—	—
20	—	—	.00	8.1	7.8	1.6	.00	.00	3.4	4.3	—	—
21	—	—	.00	7.7	7.6	3.5	.00	.00	3.6	4.1	—	—
22	—	—	.00	7.8	5.5	4.0	.00	.00	5.3	6.2	—	—
23	—	—	.00	7.9	5.2	3.4	.00	.00	5.1	2.4	—	—
24	—	—	.00	7.7	5.8	3.4	.00	.00	3.5	4.0	—	—
25	—	—	.00	7.7	7.2	3.4	.00	2.4	2.6	6.4	—	—
26	—	—	.00	5.5	7.4	2.2	.00	3.6	2.6	6.2	—	—
27	—	—	.28	5.6	7.5	1.3	.00	4.1	3.2	6.2	—	—
28	—	—	.13	5.5	7.4	1.6	.00	3.1	4.6	1.4	—	—
29	—	—	.20	5.3	7.0	.59	.00	1.8	5.5	.00	—	—
30	—	—	.18	5.2	6.9	.00	.00	2.0	5.8	.00	—	—
31	—	—	.00	—	6.8	—	.00	1.6	—	.00	—	—
TOTAL	—	—	0.79	78.70	214.5	112.39	0.91	18.60	105.3	162.10	—	—
MEAN	—	—	.025	2.62	6.92	3.75	.029	.60	3.51	5.23	—	—
MAX	—	—	.28	8.1	8.1	7.0	.84	4.1	5.8	7.3	—	—
MIN	—	—	.00	.00	4.5	.00	.00	.00	1.1	.00	—	—
AC-FT	—	—	1.6	156	425	223	1.8	37	209	322	—	—

CAL YR 1995: TOTAL 693.29 MEAN 2.83 MAX 8.1 MIN .00 AC-FT 1380

Table 4. Mean daily rates of injection for gaging station 13087705, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26ACC2, January 1994 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
					1996							
1	—	.00	.06	.50	6.4	.56	.00	.00	e7.5	7.0	2.0	—
2	—	.00	.18	.91	6.0	1.2	.00	.00	e5.9	8.2	.00	—
3	—	.00	.01	1.4	6.9	1.1	.00	.00	e5.0	7.5	.00	—
4	—	.00	.39	1.6	e5.4	1.7	.00	.00	6.7	6.8	.00	—
5	—	.00	1.9	1.5	e2.6	2.7	.00	.00	6.8	6.5	.00	—
6	—	.00	1.5	1.7	e3.5	2.3	.00	.00	6.9	6.6	.00	—
7	—	.00	.94	2.5	3.5	2.3	.00	1.5	e6.3	7.6	.00	—
8	—	.00	.82	3.3	4.0	2.4	.00	.62	e5.3	7.9	.00	—
9	—	.00	.63	3.2	5.1	2.2	.00	.23	e5.0	6.7	.00	—
10	—	.00	.43	1.0	4.1	2.2	.00	.00	e5.0	6.7	.00	—
11	—	.00	.71	.93	3.1	1.5	.00	.00	6.5	6.6	.00	—
12	—	.00	2.1	.19	1.0	.00	.00	.00	8.7	6.8	.00	—
13	—	.00	2.3	.20	1.7	.00	.21	.00	6.3	6.9	.00	—
14	—	.00	.82	.63	1.8	.00	.00	.00	8.1	e5.5	.00	—
15	—	.00	1.0	.54	2.2	.00	.00	.00	6.6	e5.0	.00	—
16	—	.00	1.9	.36	2.2	.00	.00	2.0	7.5	5.3	.00	—
17	—	.00	4.2	.21	3.3	.00	.21	4.0	7.8	e6.6	.00	—
18	—	.15	4.1	.06	5.9	.00	.38	3.0	7.8	e5.7	.00	—
19	—	.33	4.2	3.5	5.2	.00	.53	2.6	e6.0	6.9	.00	—
20	—	.88	4.2	6.9	5.2	.00	2.3	3.6	e5.3	7.0	.00	—
21	—	1.5	3.2	6.9	5.7	.00	3.7	5.8	e3.7	7.1	.00	—
22	—	.91	2.7	6.7	5.1	.00	2.0	4.4	3.1	7.5	.00	—
23	—	.29	1.6	6.4	4.9	.00	1.9	1.0	4.4	7.5	.00	—
24	—	.00	4.8	2.8	5.0	.00	.72	1.5	5.5	7.5	.00	—
25	—	.00	4.0	3.3	5.0	.00	.00	3.6	6.9	7.3	.00	—
26	—	.06	4.7	3.5	5.0	.00	.19	e2.4	7.1	7.2	.00	—
27	—	.00	5.1	6.0	2.2	.00	.00	2.1	7.2	7.0	.00	—
28	—	.00	5.0	5.8	.66	.00	.00	2.2	7.1	7.0	.00	—
29	—	.00	5.3	4.8	1.7	.00	.00	e2.8	6.6	7.0	.00	—
30	—	—	2.7	6.4	2.9	.00	.00	e4.1	6.5	6.7	.00	—
31	—	—	.17	—	2.7	—	.00	e6.0	—	6.5	—	—
TOTAL	—	4.12	71.66	83.73	119.96	20.16	12.14	53.45	189.1	212.1	2.00	—
MEAN	—	.14	2.31	2.79	3.87	.67	.39	1.72	6.30	6.84	.067	—
MAX	—	1.5	5.3	6.9	6.9	2.7	3.7	6.0	8.7	8.2	2.0	—
MIN	—	.00	.01	.06	.66	.00	.00	.00	3.1	5.0	.00	—
AC-FT	—	8.2	142	166	238	40	24	106	375	421	4.0	—

CAL YR 1996: TOTAL 768.42 MEAN 2.53 MAX 8.7 MIN .00 AC-FT 1520

Table 4. Mean daily rates of injection for gaging station 13087705, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26ACC2, January 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	—	—	.00	.00	7.1	.60
2	—	—	.00	2.3	6.8	.67
3	—	—	.00	5.5	7.3	1.6
4	—	—	.00	5.9	7.8	4.4
5	—	—	.00	6.8	6.8	4.4
6	—	—	.00	4.7	5.4	4.5
7	—	—	.00	6.7	e4.9	4.2
8	—	—	.00	7.0	e.85	3.9
9	—	—	.00	7.0	.00	2.2
10	—	—	.00	7.0	e.71	.00
11	—	—	.00	7.0	.00	.00
12	—	—	.00	7.0	.00	.00
13	—	—	.00	5.8	2.7	2.6
14	—	—	.00	1.9	6.0	6.9
15	—	—	.00	4.7	5.8	7.6
16	—	—	.00	5.7	4.0	6.6
17	—	—	.00	e5.2	4.3	4.3
18	—	—	.00	e5.1	4.7	.00
19	—	—	.00	e4.4	4.5	.00
20	—	—	.00	6.6	4.6	.00
21	—	—	.00	6.4	4.5	.00
22	—	—	.00	6.7	2.5	.00
23	—	—	.00	6.9	2.3	.00
24	—	—	.29	7.1	2.5	.00
25	—	—	1.7	7.2	4.8	1.2
26	—	—	2.0	7.1	5.8	1.3
27	—	—	2.4	7.1	6.0	.00
28	—	—	4.3	6.6	3.2	.00
29	—	—	3.6	7.6	1.9	.00
30	—	—	2.9	7.6	.95	.00
31	—	—	.70	—	.55	—
TOTAL	—	—	17.89	176.60	119.26	56.97
MEAN	—	—	.58	5.89	3.85	1.90
MAX	—	—	4.3	7.6	7.8	7.6
MIN	—	—	.00	.00	.00	.00
AC-FT	—	—	35	350	237	113

CAL YR 1997 to date: TOTAL 370.72 MEAN MAX 7.8 MIN .00 AC-FT 735

Table 5. Mean daily rates of injection for gaging station 13087710, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26DCC5, January 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.00	.00	.00	.00	.00	1.7	—	—
2	—	—	—	.00	.00	.00	.00	.00	.00	1.7	—	—
3	—	—	—	.00	.92	.00	.00	.00	.00	1.6	—	—
4	—	—	—	.00	1.2	.00	.00	.00	.00	1.2	—	—
5	—	—	—	.00	.71	.00	.00	.00	.00	.31	—	—
6	—	—	—	.00	.89	.00	.00	.00	.00	.33	—	—
7	—	—	—	.00	.42	.00	.00	.00	.00	1.7	—	—
8	—	—	—	.00	1.3	.00	.00	.00	.00	1.7	—	—
9	—	—	—	.00	1.3	.00	.00	.00	.00	1.3	—	—
10	—	—	—	.00	.66	.00	.00	.00	.00	1.1	—	—
11	—	—	—	.00	.00	.00	.00	.00	.00	.92	—	—
12	—	—	—	.00	.00	.00	.00	.00	.00	1.2	—	—
13	—	—	—	.00	.00	.00	.00	.00	.00	1.7	—	—
14	—	—	—	.00	.00	.00	.00	.00	.00	1.8	—	—
15	—	—	—	.00	.00	.00	.00	.00	.00	1.8	—	—
16	—	—	—	.00	.00	.00	.00	.00	.00	1.8	—	—
17	—	—	—	.00	.00	.00	.00	.00	.00	1.8	—	—
18	—	—	—	.65	.00	.00	.00	.00	.00	.88	—	—
19	—	—	—	1.5	.00	.00	.00	.00	.00	.59	—	—
20	—	—	—	1.4	.00	.00	.00	.00	1.1	1.6	—	—
21	—	—	—	1.8	.00	.00	.00	.00	1.9	1.6	—	—
22	—	—	—	1.9	.00	.00	.00	.00	1.7	1.6	—	—
23	—	—	—	1.8	.00	.00	.00	.00	1.6	.35	—	—
24	—	—	—	1.6	.00	.00	.00	.00	1.1	.00	—	—
25	—	—	—	1.5	.25	.00	.00	.00	1.2	.00	—	—
26	—	—	—	1.4	.03	.00	.00	.00	.00	.00	—	—
27	—	—	—	1.1	.00	.00	.00	.00	.00	.00	—	—
28	—	—	—	.27	.00	.00	.00	.00	.00	.00	—	—
29	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
30	—	—	—	.00	.00	.00	.00	.00	.64	.00	—	—
31	—	—	—	—	.00	—	.00	.00	—	.00	—	—
TOTAL	—	—	—	14.92	7.68	0.00	0.00	0.00	9.24	30.28	—	—
MEAN	—	—	—	.50	.25	.000	.000	.000	.31	.98	—	—
MAX	—	—	—	1.9	1.3	.00	.00	.00	1.9	1.8	—	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	30	15	.00	.00	.00	18	60	—	—

CAL YR 1994: TOTAL 62.12 MEAN .29 MAX 1.9 MIN .00 AC-FT 123

Table 5. Mean daily rates of injection for gaging station 13087710, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26DCC5, January 1994 through June 1997—Continued

	1995											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	.00	.00	.87	.00	.00	.00	.00	1.6	—	—
2	—	—	.00	.00	.87	.00	.00	.05	.00	1.6	—	—
3	—	—	.00	.00	1.0	.00	.00	.04	.00	1.4	—	—
4	—	—	.00	.00	.45	.00	.00	.03	.00	1.4	—	—
5	—	—	.00	.00	.00	.00	.00	.02	.00	1.4	—	—
6	—	—	.00	.00	.00	.51	.00	.03	.00	1.3	—	—
7	—	—	.00	.00	.36	1.2	.00	.00	.00	1.1	—	—
8	—	—	.00	.00	.88	.34	.00	.00	.02	.00	—	—
9	—	—	.00	.00	.87	.00	.00	.00	.00	.57	—	—
10	—	—	.00	.00	.80	.00	.00	.00	.00	1.4	—	—
11	—	—	.00	.00	.65	.00	.00	.00	.00	1.3	—	—
12	—	—	.00	.00	.00	.00	.01	.00	.00	.00	—	—
13	—	—	.00	.00	.00	.02	.00	.00	.00	.00	—	—
14	—	—	.00	.00	.00	.08	.00	.01	.00	.00	—	—
15	—	—	.00	.00	.00	.85	.00	.03	.00	.42	—	—
16	—	—	.00	.00	.29	.73	.00	.06	.00	1.4	—	—
17	—	—	.00	.00	.79	.00	.00	.02	.00	1.4	—	—
18	—	—	.00	.00	.88	.00	.00	.06	.00	1.4	—	—
19	—	—	.00	.00	.64	.00	.00	.03	.00	1.4	—	—
20	—	—	.00	.74	.45	.87	.00	.02	.00	1.4	—	—
21	—	—	.00	1.5	.26	.62	.00	.01	.00	1.4	—	—
22	—	—	.00	1.3	.12	.00	.00	.01	.00	1.3	—	—
23	—	—	.00	1.3	.00	.00	.00	.02	.00	.46	—	—
24	—	—	.00	1.3	.40	.00	.00	.03	.00	.89	—	—
25	—	—	.01	1.2	1.1	.00	.00	.00	.00	1.5	—	—
26	—	—	.00	.56	1.2	.00	.00	.00	.64	1.2	—	—
27	—	—	.00	.45	1.2	.00	.00	.00	1.8	1.2	—	—
28	—	—	.00	1.2	1.2	.00	.00	.00	1.8	.23	—	—
29	—	—	.00	.77	1.1	.00	.00	.00	1.8	.00	—	—
30	—	—	.00	1.0	.29	.00	.00	.00	1.7	.00	—	—
31	—	—	.00	—	.00	—	.00	.00	—	.00	—	—
TOTAL	—	—	0.01	11.32	16.67	5.22	0.01	0.47	7.76	28.67	—	—
MEAN	—	—	.000	.38	.54	.17	.000	.015	.26	.92	—	—
MAX	—	—	.01	1.5	1.2	1.2	.01	.06	1.8	1.6	—	—
MIN	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	.02	22	33	10	.02	.9	15	57	—	—

CAL YR 1995: TOTAL 70.13 MEAN .29 MAX 1.8 MIN .00 AC-FT 139

Table 5. Mean daily rates of injection for gaging station 13087710, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26DCC5, January 1994 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
					1996							
1	—	.00	.00	.16	.50	.58	.00	.00	.08	.47	.40	—
2	—	.00	.00	.35	.62	.66	.00	.00	.10	.00	.00	—
3	—	.00	.00	.46	.27	.60	.00	.03	.00	.00	.00	—
4	—	.00	.05	.52	.16	.41	.00	.03	.00	.00	.00	—
5	—	.00	.56	.50	.21	.38	.00	.00	.00	.00	.00	—
6	—	.00	.99	.69	.13	.37	.03	.00	.00	.00	.00	—
7	—	.00	.85	1.0	.05	.00	.04	.00	.13	.00	.00	—
8	—	.00	.82	1.3	.23	.00	.00	.00	.11	.29	.00	—
9	—	.00	.78	.60	.48	.00	.00	.00	.33	.75	.00	—
10	—	.00	.74	.66	.45	.00	.00	.00	.13	.73	.00	—
11	—	.00	.89	.88	.35	.00	.00	.00	.00	.63	.00	—
12	—	.00	1.1	.69	.54	.00	.02	.00	.13	.68	.00	—
13	—	.00	.60	.25	.33	.00	.03	.00	.05	.71	.00	—
14	—	.00	.38	.22	.31	.00	.00	.03	.30	.56	.00	—
15	—	.00	.51	.24	.38	.00	.00	.00	.57	.53	.00	—
16	—	.00	.56	.21	.43	.00	.00	.00	.91	.56	.00	—
17	—	.00	.40	.12	.00	.00	.00	.00	.75	.64	.00	—
18	—	.14	1.1	.15	.57	.00	.00	.00	.73	.70	.00	—
19	—	.18	1.1	.22	.78	.00	.00	.06	.34	.70	.00	—
20	—	.36	1.0	.81	.47	.00	.03	.03	.00	.70	.00	—
21	—	.30	.62	.90	.23	.00	.03	.00	.13	.65	.00	—
22	—	.30	.99	.76	.10	.00	.00	.00	.00	.58	.00	—
23	—	.04	.92	.75	e.41	.00	.00	.00	.01	.58	.00	—
24	—	.00	1.2	.91	e.77	.00	.00	.00	.18	.60	.00	—
25	—	.00	1.1	.44	e.77	.00	.00	.00	.67	.47	.00	—
26	—	.00	1.0	.72	.64	.00	.00	.00	.70	.44	.00	—
27	—	.00	e1.1	.84	e.58	.00	.00	.00	.94	e.44	.00	—
28	—	.00	1.1	.76	e.60	.00	.00	.00	.78	e.44	.00	—
29	—	.00	1.0	.25	.60	.03	.00	.00	.45	.36	.00	—
30	—	—	.52	.61	.47	.07	.03	.09	.70	1.5	.00	—
31	—	—	.00	—	.44	—	.00	.07	—	2.3	—	—
TOTAL	—	1.32	21.98	16.97	12.87	3.10	0.21	0.34	9.22	17.01	0.40	—
MEAN	—	.046	.71	.57	.42	.10	.007	.011	.31	.55	.013	—
MAX	—	.36	1.2	1.3	.78	.66	.04	.09	.94	2.3	.40	—
MIN	—	.00	.00	.12	.00	.00	.00	.00	.00	.00	.00	—
AC-FT	—	2.6	44	34	26	6.1	.4	.7	18	34	.8	—

CAL YR 1996: TOTAL 83.42 MEAN .27 MAX 2.3 MIN .00 AC-FT 165

Table 5. Mean daily rates of injection for gaging station 13087710, Murtaugh Lake injection site 6 near Murtaugh, 11S-19E-26DCC5, January 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	.00	.00	.09	.00	.65	.00
2	.00	.00	.01	.00	.65	.00
3	.00	.05	.06	.41	.64	.00
4	.00	.01	.00	.58	.59	.00
5	.00	.16	.00	.54	.65	.00
6	.00	.02	.00	.35	.21	.00
7	.00	.02	.00	.30	.00	.00
8	.00	.00	.00	.29	.00	.00
9	.00	.00	.00	.24	.00	.00
10	.00	.00	.00	.11	.00	.00
11	.01	.00	.00	.04	.00	.00
12	.00	.00	.00	.04	.00	.00
13	.00	.04	.00	.01	.00	.97
14	.00	.00	.00	.09	.37	2.3
15	.00	.00	.00	.07	.53	2.3
16	.00	.00	.00	.52	.14	2.3
17	.00	.00	.00	.35	.01	.89
18	.00	.00	.00	.49	.00	.00
19	.00	.00	.00	e.44	.00	.00
20	.00	.00	.00	e.28	.44	.00
21	.00	.00	.00	e.28	.64	.00
22	.00	.02	.00	e.28	.48	.00
23	.00	.03	.00	e.28	.00	.00
24	.00	.25	.15	e.28	.00	.00
25	.00	.15	.25	.56	.00	.00
26	.03	.00	.21	.66	.00	.00
27	.00	.00	.56	.69	.00	.00
28	.00	.00	.32	.65	.00	.00
29	.00	—	.00	.47	.00	.00
30	.00	—	.00	.67	.00	.00
31	.00	—	.00	—	.00	—
TOTAL	0.04	0.75	1.65	9.97	6.00	8.76
MEAN	.001	.027	.053	.33	.19	.29
MAX	.03	.25	.56	.69	.65	2.3
MIN	.00	.00	.00	.00	.00	.00
AC-FT	.08	1.5	3.3	20	12	17

CAL YR 1997 to date: TOTAL 27.17 MEAN MAX 2.3 MIN .00 AC-FT 54

Table 6. Mean daily rates of injection for gaging station 13087650, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-33ADA2, January 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.00	.00	.00	.00	.00	.85	—	—
2	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
3	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
4	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
5	—	—	—	.00	.00	.00	.00	.00	.00	.03	—	—
6	—	—	—	.00	.00	.00	.00	.00	.00	.73	—	—
7	—	—	—	.00	.00	.00	.00	.00	.00	.79	—	—
8	—	—	—	.00	.00	.00	.00	.00	.00	.90	—	—
9	—	—	—	.00	.00	.00	.00	.00	.00	.84	—	—
10	—	—	—	.00	.00	.00	.00	.00	.00	.81	—	—
11	—	—	—	.00	.00	.00	.00	.00	.00	1.1	—	—
12	—	—	—	.00	.00	.00	.00	.00	.00	1.2	—	—
13	—	—	—	.00	.00	.00	.00	.00	.00	.63	—	—
14	—	—	—	.00	.00	.00	.00	.00	.00	.91	—	—
15	—	—	—	.00	.00	.00	.00	.00	.00	.86	—	—
16	—	—	—	.00	.00	.00	.00	.00	.00	.55	—	—
17	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
18	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
19	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
20	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
21	—	—	—	.00	.00	.00	.00	.00	.51	.00	—	—
22	—	—	—	.00	.00	.00	.00	.00	.82	.00	—	—
23	—	—	—	.00	.00	.00	.00	.00	.86	.00	—	—
24	—	—	—	.00	.00	.00	.00	.00	1.1	.00	—	—
25	—	—	—	.00	.00	.00	.00	.00	1.1	.00	—	—
26	—	—	—	.00	.00	.00	.00	.00	1.9	.00	—	—
27	—	—	—	.00	.00	.00	.00	.00	1.6	.00	—	—
28	—	—	—	.00	.00	.00	.00	.00	1.3	.00	—	—
29	—	—	—	.00	.00	.00	.00	.00	.73	.00	—	—
30	—	—	—	.00	.00	.00	.00	.00	1.1	.00	—	—
31	—	—	—	—	.00	—	.00	.00	—	.00	—	—
TOTAL	—	—	—	0.00	0.00	0.00	0.00	0.00	11.02	10.20	—	—
MEAN	—	—	—	.000	.000	.000	.000	.000	.37	.33	—	—
MAX	—	—	—	.00	.00	.00	.00	.00	1.9	1.2	—	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	.00	.00	.00	.00	.00	22	20	—	—

CAL YR 1994: TOTAL 21.22 MEAN .098 MAX 1.9 MIN .00 AC-FT 42

Table 6. Mean daily rates of injection for gaging station 13087650, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-33ADA2, January 1994 through June 1997—Continued

	1995											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	1.2	.00	.00	.00	.00	.00	—	—
2	—	—	—	.00	1.6	.00	.00	.00	.00	.00	—	—
3	—	—	—	.00	1.6	.00	.00	.00	.00	.00	—	—
4	—	—	—	.00	1.3	.00	.00	.00	.00	.00	—	—
5	—	—	—	.00	1.3	.00	.00	.00	.00	.00	—	—
6	—	—	—	.00	1.3	.00	.00	.00	.00	.00	—	—
7	—	—	—	.00	1.5	.00	.00	.00	.12	.00	—	—
8	—	—	—	.00	1.3	.00	.00	.00	.28	.00	—	—
9	—	—	—	.00	1.4	.00	.00	.00	.00	.89	—	—
10	—	—	—	.00	1.6	.00	.00	.00	.00	1.3	—	—
11	—	—	—	.00	1.7	.00	.00	.00	.09	1.3	—	—
12	—	—	—	.00	1.7	.00	.00	.00	.84	1.1	—	—
13	—	—	—	.00	1.7	.00	.00	.00	.83	1.1	—	—
14	—	—	—	.00	1.7	.00	.00	.00	.79	1.1	—	—
15	—	—	—	.00	1.7	.00	.00	.00	.67	1.1	—	—
16	—	—	—	.00	1.7	.00	.00	.00	.70	1.1	—	—
17	—	—	—	.00	1.7	.00	.00	.00	1.9	1.0	—	—
18	—	—	—	.00	1.5	.00	.00	.00	.60	.71	—	—
19	—	—	—	.00	1.7	.00	.00	.00	.00	.00	—	—
20	—	—	—	.00	1.6	.00	.00	.00	.00	.00	—	—
21	—	—	—	1.3	1.5	.00	.00	.00	.00	.00	—	—
22	—	—	—	1.3	1.5	.00	.00	.00	.09	.00	—	—
23	—	—	—	1.9	1.6	.00	.00	.00	.00	.00	—	—
24	—	—	—	1.8	1.4	.00	.00	.00	.00	.00	—	—
25	—	—	—	1.8	1.7	.00	.00	.00	.00	.00	—	—
26	—	—	—	1.6	1.7	.00	.00	.00	.00	.00	—	—
27	—	—	—	1.8	1.7	.00	.00	.00	.00	.00	—	—
28	—	—	—	1.7	1.7	.00	.00	.00	.00	.00	—	—
29	—	—	—	1.7	1.7	.00	.00	.00	.00	.00	—	—
30	—	—	—	1.8	1.6	.00	.00	.00	.00	.00	—	—
31	—	—	—	—	.23	—	.00	.00	—	.00	—	—
TOTAL	—	—	—	16.70	47.13	0.00	0.00	0.00	6.91	10.70	—	—
MEAN	—	—	—	.56	1.52	.000	.000	.000	.23	.35	—	—
MAX	—	—	—	1.9	1.7	.00	.00	.00	1.9	1.3	—	—
MIN	—	—	—	.00	.23	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	33	93	.00	.00	.00	14	21	—	—

CAL YR 1995: TOTAL 81.44 MEAN .38 MAX 1.9 MIN .00 AC-FT 162

Table 6. Mean daily rates of injection for gaging station 13087650, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-33ADA2, January 1994 through June 1997—Continued

Day	1996 Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.00	.00	.00	.00	.00	.00	1.3	—
2	—	—	—	.00	.00	.00	.00	.00	.00	.00	1.3	—
3	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
4	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
5	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
6	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
7	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
8	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
9	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
10	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
11	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
12	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
13	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
14	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
15	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
16	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
17	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
18	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
19	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
20	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
21	—	—	—	.00	.00	.00	.00	.00	.00	.11	.00	—
22	—	—	—	.00	.00	.00	.00	.00	.00	1.8	.00	—
23	—	—	—	.00	.00	.00	.00	.00	.00	1.5	.00	—
24	—	—	—	.00	.00	.00	.00	.00	.00	1.7	.00	—
25	—	—	—	.00	.00	.00	.00	.00	.00	1.7	.00	—
26	—	—	—	.00	.00	.00	.00	.00	.00	1.5	.00	—
27	—	—	—	.00	.00	.00	.00	.00	.00	1.6	.00	—
28	—	—	—	.00	.00	.00	.00	.00	.00	1.6	.00	—
29	—	—	—	.00	.00	.00	.00	.00	.00	1.6	.00	—
30	—	—	—	.00	.00	.00	.00	.00	.00	1.2	.00	—
31	—	—	—	—	.00	—	.00	.00	—	1.0	—	—
TOTAL	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00	15.31	2.60	—
MEAN	—	—	—	.000	.000	.000	.000	.000	.000	.49	.087	—
MAX	—	—	—	.00	.00	.00	.00	.00	.00	1.8	1.3	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
AC-FT	—	—	—	.00	.00	.00	.00	.00	.00	30	5.2	—

CAL YR 1996: TOTAL 17.91 MEAN .073 MAX 1.8 MIN .00 AC-FT 36

Table 6. Mean daily rates of injection for gaging station 13087650, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-33ADA2, January 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	—	—	.00	1.1	.11	.04
2	—	—	.00	1.2	.45	.06
3	—	—	.00	.88	.56	.06
4	—	—	.00	1.2	.58	.04
5	—	—	.00	1.3	.54	.00
6	—	—	.00	1.2	.50	.00
7	—	—	.00	1.1	.51	.00
8	—	—	.00	1.1	.41	.00
9	—	—	.00	1.1	.77	.00
10	—	—	.06	.27	1.1	.00
11	—	—	.96	1.3	.73	.00
12	—	—	1.4	1.3	.33	.00
13	—	—	.44	1.2	.58	.06
14	—	—	.34	1.2	.81	.00
15	—	—	.46	1.2	.09	.65
16	—	—	.15	1.2	.08	.28
17	—	—	.15	1.2	.05	.09
18	—	—	.00	1.2	.07	.00
19	—	—	.00	1.2	.04	.00
20	—	—	.03	1.3	.04	.00
21	—	—	.00	1.4	.00	.00
22	—	—	.00	1.4	.00	.00
23	—	—	.00	1.5	.00	.00
24	—	—	.00	1.5	.09	.00
25	—	—	.00	.87	.00	.00
26	—	—	.03	e.56	.00	.03
27	—	—	.47	e.35	.19	.00
28	—	—	.42	e.35	.16	.03
29	—	—	1.2	.19	.07	.00
30	—	—	1.2	.42	.00	.00
31	—	—	1.2	—	.04	—
TOTAL	—	—	8.51	31.29	8.90	1.34
MEAN	—	—	.27	1.04	.29	.045
MAX	—	—	1.4	1.5	1.1	.65
MIN	—	—	.00	.19	.00	.00
AC-FT	—	—	17	62	18	2.7
CAL YR 1997 to date:		TOTAL 50.04	MEAN —	MAX 1.5	MIN .00	AC-FT 100

Table 7. Mean daily rates of injection for gaging station 13087660, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-34CBA2, January 1994 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1994											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
2	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
3	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
4	—	—	—	.00	.00	.00	.00	.00	.00	.09	—	—
5	—	—	—	.00	.00	.00	.00	.00	.00	1.9	—	—
6	—	—	—	.00	.00	.00	.00	.00	.00	2.0	—	—
7	—	—	—	.00	.00	.00	.00	.00	.00	2.2	—	—
8	—	—	—	.00	.00	.00	.00	.00	.00	1.6	—	—
9	—	—	—	.00	.00	.00	.00	.00	.00	1.3	—	—
10	—	—	—	.00	.00	.00	.00	.00	.00	2.0	—	—
11	—	—	—	.00	.00	.00	.00	.00	.00	2.0	—	—
12	—	—	—	.00	.00	.00	.00	.00	.00	1.8	—	—
13	—	—	—	.00	.00	.00	.00	.00	.00	2.3	—	—
14	—	—	—	.00	.00	.00	.00	.00	.00	2.0	—	—
15	—	—	—	.00	.00	.00	.00	.00	.00	1.1	—	—
16	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
17	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
18	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
19	—	—	—	.00	.06	.00	.00	.00	.00	.00	—	—
20	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
21	—	—	—	.00	.00	.00	.00	.00	.56	.00	—	—
22	—	—	—	.00	.00	.00	.00	.00	S.94	.00	—	—
23	—	—	—	.00	.00	.00	.00	.00	1.4	.00	—	—
24	—	—	—	.00	.00	.00	.00	.00	1.2	.00	—	—
25	—	—	—	.00	.00	.00	.00	.00	1.7	.00	—	—
26	—	—	—	.00	.00	.00	.00	.00	1.5	.00	—	—
27	—	—	—	.00	.00	.00	.00	.00	1.2	.00	—	—
28	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
29	—	—	—	.00	.00	.00	.00	.00	.59	.00	—	—
30	—	—	—	.00	.00	.00	.00	.00	1.7	.00	—	—
31	—	—	—	—	.00	—	.00	.00	—	.00	—	—
TOTAL	—	—	—	0.00	0.06	0.00	0.00	0.00	10.79	20.29	—	—
MEAN	—	—	—	.000	.002	.000	.000	.000	.36	.65	—	—
MAX	—	—	—	.00	.06	.00	.00	.00	1.7	2.3	—	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	.00	.1	.00	.00	.00	21	40	—	—

CAL YR 1994: TOTAL 31.14 MEAN .14 MAX 2.3 MIN .00 AC-FT 62

Table 7. Mean daily rates of injection for gaging station 13087660, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-34CBA2, January 1994 through June 1997—Continued

	1995											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	2.7	.00	.00	.00	.00	.00	—	—
2	—	—	—	.00	1.6	.00	.00	.00	.00	.00	—	—
3	—	—	—	.00	2.3	.00	.00	.00	.00	.00	—	—
4	—	—	—	.00	2.3	.00	.00	.00	.00	.00	—	—
5	—	—	—	.00	2.3	.00	.00	.00	.00	.00	—	—
6	—	—	—	.00	2.4	.00	.00	.00	.00	.00	—	—
7	—	—	—	.00	2.9	.00	.00	.00	.27	.00	—	—
8	—	—	—	.00	2.4	.00	.00	.00	.60	.00	—	—
9	—	—	—	.00	2.6	.00	.00	.00	.00	1.4	—	—
10	—	—	—	.00	2.9	.00	.00	.00	.00	2.0	—	—
11	—	—	—	.00	3.1	.00	.00	.00	.20	2.1	—	—
12	—	—	—	.00	3.1	.00	.00	.00	1.8	1.8	—	—
13	—	—	—	.00	3.1	.00	.00	.00	1.9	1.7	—	—
14	—	—	—	.00	3.2	.00	.00	.00	1.9	1.8	—	—
15	—	—	—	.00	3.1	.00	.00	.00	1.6	1.9	—	—
16	—	—	—	.00	3.1	.00	.00	.00	1.9	1.8	—	—
17	—	—	—	.00	3.3	.00	.00	.00	1.8	1.8	—	—
18	—	—	—	.00	2.9	.00	.00	.00	1.4	1.8	—	—
19	—	—	—	.00	3.3	.00	.00	.00	.00	1.1	—	—
20	—	—	—	.00	3.1	.00	.00	.00	.00	.53	—	—
21	—	—	—	.00	2.9	.00	.00	.00	.00	1.2	—	—
22	—	—	—	2.2	3.0	.00	.00	.00	.23	.89	—	—
23	—	—	—	1.8	2.6	.00	.00	.00	.00	.01	—	—
24	—	—	—	2.7	1.9	.00	.00	.00	.00	.00	—	—
25	—	—	—	2.7	2.3	.00	.00	.00	.00	.00	—	—
26	—	—	—	2.7	2.3	.00	.00	.00	.00	.00	—	—
27	—	—	—	2.5	2.4	.00	.00	.00	.00	.00	—	—
28	—	—	—	2.7	2.4	.00	.00	.00	.00	.00	—	—
29	—	—	—	2.5	2.4	.00	.00	.00	.00	.00	—	—
30	—	—	—	2.3	2.3	.00	.00	.00	.00	.00	—	—
31	—	—	—	—	1.4	—	.00	.00	—	.00	—	—
TOTAL	—	—	—	22.10	81.6	0.00	0.00	0.00	13.60	21.83	—	—
MEAN	—	—	—	.74	2.63	.000	.000	.000	.45	.70	—	—
MAX	—	—	—	2.7	3.3	.00	.00	.00	1.9	2.1	—	—
MIN	—	—	—	.00	1.4	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	44	162	.00	.00	.00	27	43	—	—

CAL YR 1995: TOTAL 139.13 MEAN .65 MAX 3.3 MIN .00 AC-FT 276

Table 7. Mean daily rates of injection for gaging station 13087660, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-34CBA2, January 1994 through June 1997—Continued

	1996											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	.00	.00	.00	.00	.00	.00	.00	.77	—
2	—	—	—	.00	.00	.00	.00	.00	.00	.00	1.6	—
3	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
4	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
5	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
6	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
7	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
8	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
9	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
10	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
11	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
12	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
13	—	—	—	.00	.00	.00	.00	—	.00	.00	.00	—
14	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
15	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
16	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
17	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
18	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
19	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
20	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
21	—	—	—	.00	.00	.00	.00	.00	.00	.05	.00	—
22	—	—	—	.00	.00	.00	.00	.00	.00	2.7	.00	—
23	—	—	—	.00	.00	.00	.00	.00	.00	2.2	.00	—
24	—	—	—	.00	.00	.00	.00	.00	.00	2.5	.00	—
25	—	—	—	.00	.00	.00	.00	.00	.00	2.6	.00	—
26	—	—	—	.00	.00	.00	.00	.00	.00	2.4	.00	—
27	—	—	—	.00	.00	.00	.00	.00	.00	2.3	.00	—
28	—	—	—	.00	.00	.00	.00	.00	.00	2.3	.00	—
29	—	—	—	.00	.00	.00	.00	.00	.00	2.3	.00	—
30	—	—	—	.00	.00	.00	.00	.00	.00	1.3	.00	—
31	—	—	—	—	.00	—	.00	.00	—	.63	—	—
TOTAL	—	—	—	0.00	0.00	0.00	0.00	0.00	0.00	21.28	2.37	—
MEAN	—	—	—	.000	.000	.000	.000	.000	.000	.69	.079	—
MAX	—	—	—	.00	.00	.00	.00	.00	.00	2.7	1.6	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
AC-FT	—	—	—	.00	.00	.00	.00	.00	.00	42	4.7	—

CAL YR 1996: TOTAL 23.65 MEAN .097 MAX 2.7 MIN .00 AC-FT 47

Table 7. Mean daily rates of injection for gaging station 13087660, Murtaugh Lake injection site 7 near Murtaugh, 11S-20E-34CBA2, January 1994 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	—	—	.00	2.2	e1.8	.00
2	—	—	.00	2.3	e1.8	.00
3	—	—	.00	1.9	e1.8	.00
4	—	—	.00	2.1	e1.8	.00
5	—	—	.00	2.2	e1.8	.00
6	—	—	.00	2.1	e1.8	.00
7	—	—	.00	2.1	e1.8	.00
8	—	—	.00	2.1	e1.8	.00
9	—	—	.00	1.9	e.90	.00
10	—	—	.05	.47	.00	.00
11	—	—	.74	2.2	.00	.00
12	—	—	1.8	2.2	.00	.00
13	—	—	1.7	2.2	.00	.00
14	—	—	2.5	2.2	.00	.00
15	—	—	1.9	2.2	.00	.00
16	—	—	.23	2.2	.00	.00
17	—	—	.08	2.2	.00	.00
18	—	—	.00	2.2	.00	.00
19	—	—	.00	2.2	.00	.00
20	—	—	.00	2.3	.00	.00
21	—	—	.00	2.4	.00	.00
22	—	—	.00	2.4	.00	.00
23	—	—	.00	2.0	.00	.00
24	—	—	.00	2.4	.00	.00
25	—	—	.00	2.0	.00	.00
26	—	—	.06	2.0	.00	.00
27	—	—	.87	2.0	.00	.00
28	—	—	.85	1.8	.00	.00
29	—	—	2.5	e1.8	.00	.00
30	—	—	2.3	e1.8	.00	.00
31	—	—	2.3	—	.00	—
TOTAL	—	—	17.88	62.07	15.30	0.00
MEAN	—	—	.58	2.07	.49	.000
MAX	—	—	2.5	2.4	1.8	.00
MIN	—	—	.00	.47	.00	.00
AC-FT	—	—	35	123	30	.00

CAL YR 1997 to date: TOTAL 95.25 MEAN — MAX 2.5 MIN .00 AC-FT 188

Table 8. Mean daily rates of injection for gaging station 13087670, Murtaugh Lake injection site 7 near Murtaugh, 12S-20E-3CAC2, January 1995 through June 1997

[Recharge in cubic feet per second; —, no data available; e, estimate; MAX, maximum; MIN, minimum; AC-FT, acre-feet; CAL YR, calendar year]

	1995											
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	.00	.01	.16	.00	.09	.00	—	—
2	—	—	—	—	.00	.00	.00	.00	.20	.00	—	—
3	—	—	—	—	.00	3.3	.00	.00	.00	.67	—	—
4	—	—	—	—	1.2	5.4	.00	.00	.00	4.2	—	—
5	—	—	—	—	1.7	2.0	.36	.00	.01	4.2	—	—
6	—	—	—	—	.00	.00	.69	.02	.01	5.4	—	—
7	—	—	—	—	.00	.00	.17	.00	.00	2.3	—	—
8	—	—	—	—	1.9	.00	.04	.00	.31	3.6	—	—
9	—	—	—	—	2.9	.00	.59	.00	2.1	5.1	—	—
10	—	—	—	—	3.6	.00	.24	.00	2.0	2.8	—	—
11	—	—	—	—	5.2	.00	.02	.00	3.9	4.1	—	—
12	—	—	—	—	5.1	.00	.00	.00	4.8	4.1	—	—
13	—	—	—	—	3.5	.00	.00	.00	3.6	5.0	—	—
14	—	—	—	—	3.6	3.2	.00	.00	.00	6.3	—	—
15	—	—	—	—	4.4	5.2	.00	.00	.00	6.5	—	—
16	—	—	—	—	5.3	1.6	.00	.00	.00	6.7	—	—
17	—	—	—	—	5.2	.00	.00	.00	.00	5.2	—	—
18	—	—	—	—	5.3	.00	.00	.00	.00	5.9	—	—
19	—	—	—	—	4.1	1.6	.02	.00	.00	6.1	—	—
20	—	—	—	—	3.2	5.4	.00	.14	.00	6.3	—	—
21	—	—	—	—	.69	1.6	.00	.17	.02	5.4	—	—
22	—	—	—	—	.00	.03	.00	.01	.01	4.3	—	—
23	—	—	—	—	.04	.00	.08	.01	.00	4.9	—	—
24	—	—	—	—	.07	.00	.00	.00	.01	4.7	—	—
25	—	—	—	—	.44	.00	.00	.00	.45	5.9	—	—
26	—	—	—	—	2.0	.00	.00	.00	.45	5.4	—	—
27	—	—	—	—	6.2	.00	.00	.00	.00	4.8	—	—
28	—	—	—	—	4.7	.02	.00	.00	.00	2.5	—	—
29	—	—	—	—	1.8	.24	.00	.00	.03	2.9	—	—
30	—	—	—	—	.00	.07	.00	.00	.05	.12	—	—
31	—	—	—	—	.01	—	.00	.18	—	.11	—	—
TOTAL	—	—	—	—	72.15	29.67	2.37	0.53	18.04	125.50	—	—
MEAN	—	—	—	—	2.33	.99	.076	.017	.60	4.05	—	—
MAX	—	—	—	—	6.2	5.4	.69	.18	4.8	6.7	—	—
MIN	—	—	—	—	.00	.00	.00	.00	.00	.00	—	—
AC-FT	—	—	—	—	143	59	4.7	1.1	36	249	—	—

CAL YR 1995: TOTAL 248.26 MEAN 1.35 MAX 6.7 MIN .00 AC-FT 492

Table 8. Mean daily rates of injection for gaging station 13087670, Murtaugh Lake injection site 7 near Murtaugh, 12S-20E-3CAC2, January 1995 through June 1997—Continued

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
						1996						
1	—	—	—	.00	3.7	.00	.00	.00	.00	.00	4.3	—
2	—	—	—	.00	3.6	.00	.00	.01	.00	.00	1.7	—
3	—	—	—	.00	3.8	.00	.00	.00	.02	.00	.00	—
4	—	—	—	.00	3.9	.00	.00	.02	.13	.00	.00	—
5	—	—	—	.00	4.3	.00	.00	.06	.01	e2.1	.00	—
6	—	—	—	.00	1.6	.00	.01	.09	.00	e1.2	.00	—
7	—	—	—	.00	.25	.00	.00	.03	.27	.15	.00	—
8	—	—	—	.00	.00	.00	.00	.27	.00	.91	.00	—
9	—	—	—	.00	.00	.00	.00	.00	.01	2.5	.00	—
10	—	—	—	.00	.00	.00	.00	.24	.00	3.7	.00	—
11	—	—	—	.00	.00	.00	.01	.20	.07	.82	.00	—
12	—	—	—	.00	.00	.00	.00	.47	.00	1.8	.60	—
13	—	—	—	.00	.00	.00	.00	.61	.20	5.1	.00	—
14	—	—	—	.00	.00	.00	.00	.35	.06	4.2	.00	—
15	—	—	—	.00	.02	.19	.00	.01	.00	4.7	.00	—
16	—	—	—	.00	2.2	.89	.07	.01	.00	e3.1	.00	—
17	—	—	—	.00	5.2	.16	.08	.10	.00	e3.6	.00	—
18	—	—	—	.00	5.0	.00	.07	.08	.00	4.3	.00	—
19	—	—	—	.00	5.0	.00	.19	.02	.00	4.3	.00	—
20	—	—	—	.00	5.0	.01	.00	.00	.00	4.5	.00	—
21	—	—	—	.00	5.0	.25	.00	.05	.00	4.1	.00	—
22	—	—	—	.00	5.0	.19	.10	.17	.04	4.1	.00	—
23	—	—	—	.00	4.9	.00	.00	.00	.30	4.1	.00	—
24	—	—	—	.57	4.0	.00	.04	.00	.00	4.2	.00	—
25	—	—	—	e3.2	.63	.06	.02	.00	1.5	4.2	.00	—
26	—	—	—	e3.9	.00	.01	.14	.23	3.6	4.3	.00	—
27	—	—	—	3.1	.00	.01	.05	.01	e2.3	4.3	.00	—
28	—	—	—	e1.8	.00	.04	.16	.02	e3.3	4.4	.00	—
29	—	—	—	.00	.00	.02	.01	.00	e2.9	4.4	.00	—
30	—	—	—	.86	1.0	.01	.00	.00	e.83	4.4	.00	—
31	—	—	—	—	2.6	—	.00	.06	—	4.4	—	—
TOTAL	—	—	—	13.43	66.70	1.84	0.95	3.11	15.54	93.88	6.60	—
MEAN	—	—	—	.45	2.15	.061	.031	.10	.52	3.03	.22	—
MAX	—	—	—	3.9	5.2	.89	.19	.61	3.6	5.1	4.3	—
MIN	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
AC-FT	—	—	—	27	132	3.6	1.9	6.2	31	186	13	—

CAL YR 1996: TOTAL 202.05 MEAN .83 MAX 5.2 MIN .00 AC-FT 401

Table 8. Mean daily rates of injection for gaging station 13087670, Murtaugh Lake injection site 7 near Murtaugh, 12S-20E-3CAC2, January 1995 through June 1997—Continued

	January 1997–June 1997					
Day	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**June**
1	—	—	.00	4.1	1.4	.00
2	—	—	.00	3.0	4.5	.00
3	—	—	.00	3.3	1.7	.00
4	—	—	.00	3.3	.76	.00
5	—	—	.00	3.4	.01	.00
6	—	—	.00	3.6	.00	.00
7	—	—	.00	4.1	.00	.00
8	—	—	.00	1.5	.00	.00
9	—	—	.00	.00	.00	.00
10	—	—	.00	2.4	.00	.00
11	—	—	.00	4.1	.00	.02
12	—	—	2.9	4.3	.05	.00
13	—	—	4.4	4.4	.00	.79
14	—	—	4.4	4.1	.04	.02
15	—	—	3.6	4.4	.03	.00
16	—	—	2.6	2.3	.04	.05
17	—	—	3.4	1.2	.00	.00
18	—	—	4.8	.00	.00	.00
19	—	—	4.7	.00	.00	.00
20	—	—	4.7	.00	.00	.00
21	—	—	4.6	1.8	.00	.00
22	—	—	4.6	3.3	.00	.01
23	—	—	3.4	2.7	.00	.01
24	—	—	.00	4.6	.01	.00
25	—	—	.00	5.1	.00	.00
26	—	—	2.1	4.8	.01	.00
27	—	—	.00	4.7	.00	.10
28	—	—	3.1	4.5	.00	.34
29	—	—	4.0	4.5	.00	.00
30	—	—	4.4	4.5	.00	.11
31	—	—	3.9	—	.00	—
TOTAL	—	—	65.60	94.00	8.55	1.45
MEAN	—	—	2.12	3.13	.28	.048
MAX	—	—	4.8	5.1	4.5	.79
MIN	—	—	.00	.00	.00	.00
AC-FT	—	—	130	186	17	2.9

CAL YR 1997 to date: TOTAL 169.60 MEAN — MAX 5.1 MIN .00 AC-FT 336