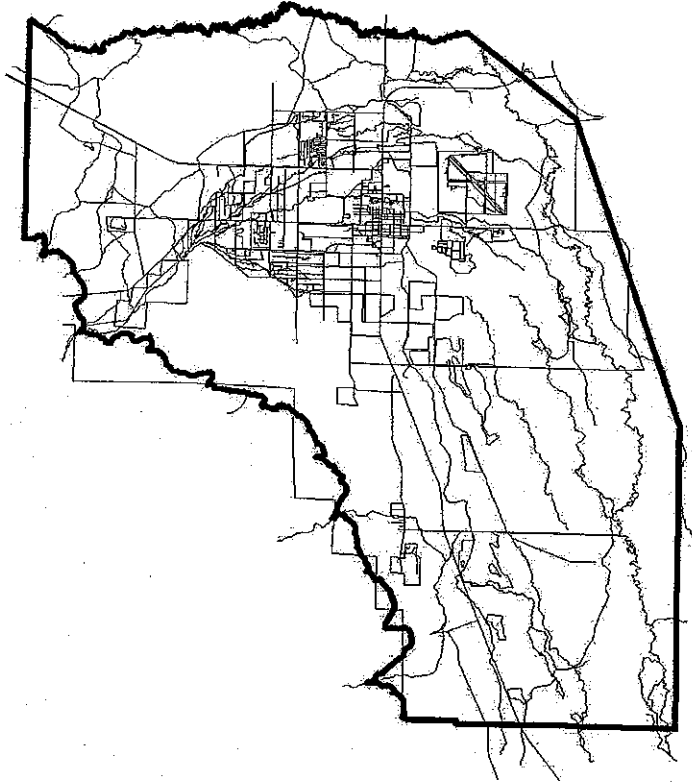


Final
**THE BISHOP CONE AUDIT FOR THE 2012-2013 RUNOFF
YEAR**



Randy Jackson
Senior County Hydrologist



Inyo County Water Department
Report 2013-1
July 30, 2013

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INTRODUCTION

The Bishop Cone audit is an annual accounting of Los Angeles Department of Water and Power's (LADWP) groundwater extraction and water usage on Los Angeles-owned lands on the Bishop Cone. Section VII.A of the Inyo County/Los Angeles long-term groundwater management agreement provides that, "Before the Department may increase groundwater pumping above present levels, or construct any new wells on the [Bishop] Cone, the Technical Group must agree on a method for determining the exact amount of water annually used on Los Angeles-owned lands on the Cone. The agreed upon method shall be based on a jointly conducted audit of such water uses." (Appendix A).

At its October 17, 1995 meeting, the Technical Group agreed to recommend to the Inyo County/Los Angeles Standing Committee the description of a Bishop Cone audit procedure to be incorporated into the Green Book. That audit procedure is attached (See Appendix A of this report for section IV.D of the Green Book). The Green Book is the technical appendix to the long-term agreement. The Inyo County/Los Angeles Standing Committee adopted the procedure on November 7, 1996 as section IV.D of the Green Book.

WATER USES ON LADWP-OWNED LAND ON THE BISHOP CONE

Section IV.D.1.a. of the Green Book states, "For the purposes of the Bishop Cone audit, water usage on Los Angeles-owned land on the Bishop Cone is defined as the quantity of water supplied to such land, including conveyance losses, less any return flow to the aqueduct system" (See Appendix A). Table 1, below, is a compilation of water usage in acre-feet (AF) on LADWP-owned land on the Bishop Cone for the runoff years of 2011-2012 and 2012-2013.

Map 1 attached, shows the location of the Bishop Cone, the pumping and flowing wells on the Bishop Cone and the location of selected Bishop Cone accounts. Account information on the map is not complete and it will be updated in the future as data become available. In general, there was a decrease in water use, on most accounts from runoff years 2011-2012 to 2012-2013 as well as an overall total decrease in water use of 4,064.93 acre-feet in 2012-2013. Several accounts were not granted credit this runoff year and await inspections (See Table 1). As of this time, stockwater has not been defined as individual accounts nor has inspection of the accounts taken place. Account BACL and the associated ditch loss measurements have not been explained to the Inyo County Water Department by LADWP. Stockwater and BACL credit is therefore denied until the above work has taken place.

TABLE 1. WATER USES ON LOS ANGELES-OWNED LAND ON THE BISHOP CONE.

LADWP ACCOUNT NUMBER	RUNOFF YEAR*¹ 2011-2012 (AF)	RUNOFF YEAR*¹ 2012-2013 (AF)
BA354B or BA362B	783.00	711.00
BA302A	133.00	149.00
BA302B	1,073.87	669.55
BA311	3,138.24	2,984.89
BA313	506.42	487.84
* ³ BA324	1,274.43	945.41
BA324A	NO DATA	NO DATA
BA324C	NO DATA	NO DATA
BA387A	694.00	641.00
BARECF	567.34	323.89
BA339	292.51	198.83
BA342	NO DATA	NO DATA
BA362C	NO DATA	NO DATA
BA362D	663.22	615.43
BA304	249.00	159.00
BA324B	NO DATA	NO DATA
BA387B	NO DATA	NO DATA
BA397 (SAME AS BA387B-NEW LEASE HOLDER)	3,197.99	2,681.40
BA361A	2,205.20	1,825.00
BA361B	2,266.16	1,926.96
BA354A or 362A	933.00	963.00
BARECA	470.00	422.00
BARECC	88.00	63.00
BARECD	2,352.00	3,965.00
BA338	3,011.39	2,000.26
BAOPRA	0.00	0.00
BAOPRB	0.00	0.00
BAGWRA	NO DATA	NO DATA
RV361	170.5	17.25
RV361B	NO DATA	NO DATA
RVRECA	2,983.00	1,042.00
LARECB	NO DATA	NO DATA
LAE&MH	0.00	292.00
BAICR	NO DATA	NO DATA
BA1478 (SAME AS BAICR-NEW LEASE HOLDER)	147.08	194.12
BA353	204.96	225.39
BA393	99.00	94.00
* ³ BA500	893.81	994.63
* ³ BA005A	38.67	33.68

LADWP ACCOUNT NUMBER	RUNOFF YEAR* ¹ 2011-2012 (AF)	RUNOFF YEAR* ¹ 2012-2013 (AF)
* ² BA005B	69.00	56.00
* ² BA006A	69.87 (No Credit) * ⁵	66.70 (No Credit) * ⁵
BA1479	29.00	1.00
BA392	338.55 (No Credit) * ⁵	526.60 (No Credit) * ⁵
BA301 (Aubrey and Moxley)	610.49	448.42
BA335 (Partridge and Johnson)	164.16	112.56
BA394 (Berner)	NO DATA	NO DATA
BA360 (Allen)	NO DATA	NO DATA
BCCL and BACL	3,648.09 (No Credit) * ⁵	2,905.79 (No Credit) * ⁵
TOTAL	29,308.44	25,243.51

*¹ A runoff year is defined as starting April 1st and ending March 31st of the following year.

*² Accounts were first listed in the 2002-2003 runoff year. The account BA006A is an active water use account, but in the past has been denied by Inyo for lack of measuring devices. Devices have not yet been installed at account BA006A. NO DATA -The Account was not active, no data was reported. 0.00-The account was active, no use was reported, data was 0.00 acre-feet.

*³ New accounts in years past, field inspection performed and accounts credited.

*⁴ Account BA1479 same as BA342. Account BA502B same as BA354B. Account BA502A same as BA354A.

*⁵ Accounts need field inspection or explanation to establish credit.

TOTAL LADWP GROUNDWATER EXTRACTION ON LADWP-OWNED LAND ON THE BISHOP CONE FOR RUNOFF YEARS 2011-2012 AND 2012-2013

Section IV.D.1.d of the Green Book states, "Total groundwater extraction by LADWP will be compared with corrected water usage on the Bishop Cone for the runoff year. Total groundwater extraction is defined as the sum of all groundwater pumped by LADWP plus the amount of artesian water that flowed out of LADWP uncapped wells on the Bishop Cone during the runoff year."

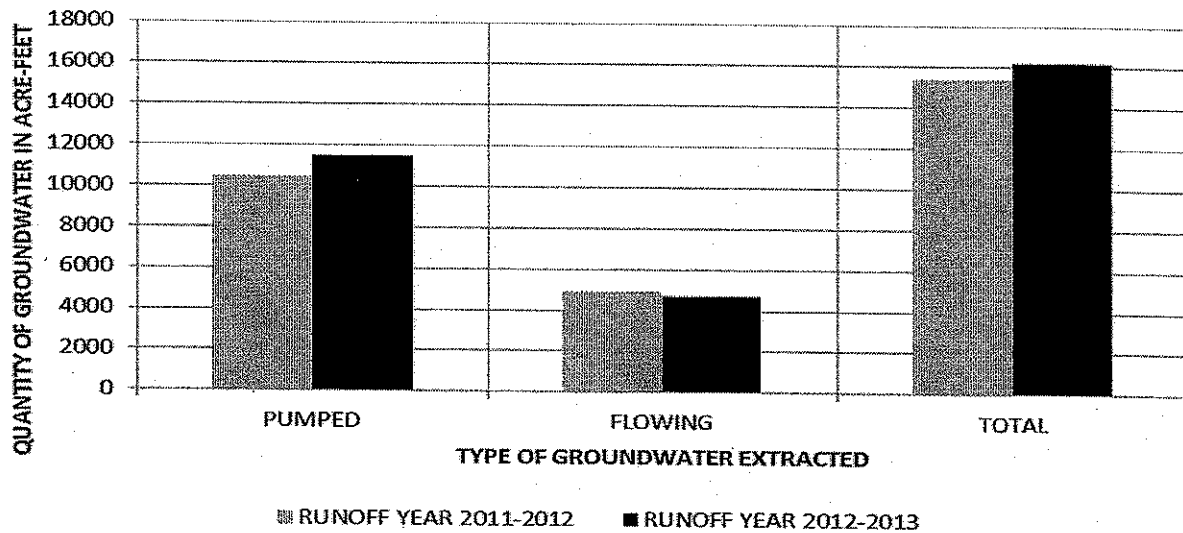
Total LADWP groundwater extraction and groundwater extraction classified as flowing and pumped groundwater in acre-feet, on the Bishop Cone for the runoff years of 2011-2012 and 2012-2013, are shown in Table 2, below. The 2012-2013 Runoff Year groundwater extraction shows an increase compared to the previous runoff year's extraction of some 802 acre-feet.

TABLE 2. TYPE OF GROUNDWATER EXTRACTION ON LADWP LANDS ON THE BISHOP CONE

TYPE OF GROUNDWATER	RUNOFF YEAR 2011-2012 (AF)	RUNOFF YEAR 2012-2013 (AF)
PUMPED	10,475.00	11,491.00
FLOWING	4,911.00	4,697.00
TOTAL	15,386.00	16,188.00

Total groundwater extraction and groundwater extraction classified as flowing and pumped groundwater in acre-feet on LADWP-owned land on the Bishop Cone are shown in a bar chart in Figure 1, below.

**FIGURE 1. TYPE OF LADWP GROUNDWATER AND
TOTAL GROUNDWATER EXTRACTION ON THE
BISHOP CONE FOR RUNOFF YEARS 2011-12 AND
2012-2013**



Flowing and pumped groundwater by well on the Bishop Cone are shown in Table 3, below.

**TABLE 3. FLOWING AND PUMPED GROUNDWATER BY WELL ON THE BISHOP CONE IN
RUNOFF YEAR 2012-2013.**

WELL	FLOWING GROUNDWATER (ACRE-FEET)	PUMPED GROUNDWATER (ACRE-FEET)
F121	36	NA
F122	110	NA
F123	118	NA
F124	0	NA
F125	975	NA
F126	265	NA
F127	384	NA
F128	260	NA
F129	154	NA
F130	296	NA
F131	796	NA
F132	305	NA
F133	344	NA
F134	558	NA
F136	96	NA

WELL	FLOWING GROUNDWATER (ACRE-FEET)	PUMPED GROUNDWATER (ACRE-FEET)
W410	NA	2,690
W406	NA	1,700
W371	NA	1,113
W411	NA	1,484
W407	NA	991
W408	NA	1,123
W140	NA	1,226
W412	NA	1,164
TOTAL	4,697	11,491

COMPLIANCE WITH THE INYO COUNTY/LOS ANGELES LONG-TERM GROUNDWATER MANAGEMENT AGREEMENT

The Inyo County/Los Angeles long-term groundwater management agreement provides that, during any runoff year, total groundwater extraction by LADWP on the Bishop Cone shall not exceed water usage on Los Angeles-owned land on the Cone. Table 4, below, shows that LADWP was within compliance with the above provision for runoff years 2011-2012 and 2012-2013.

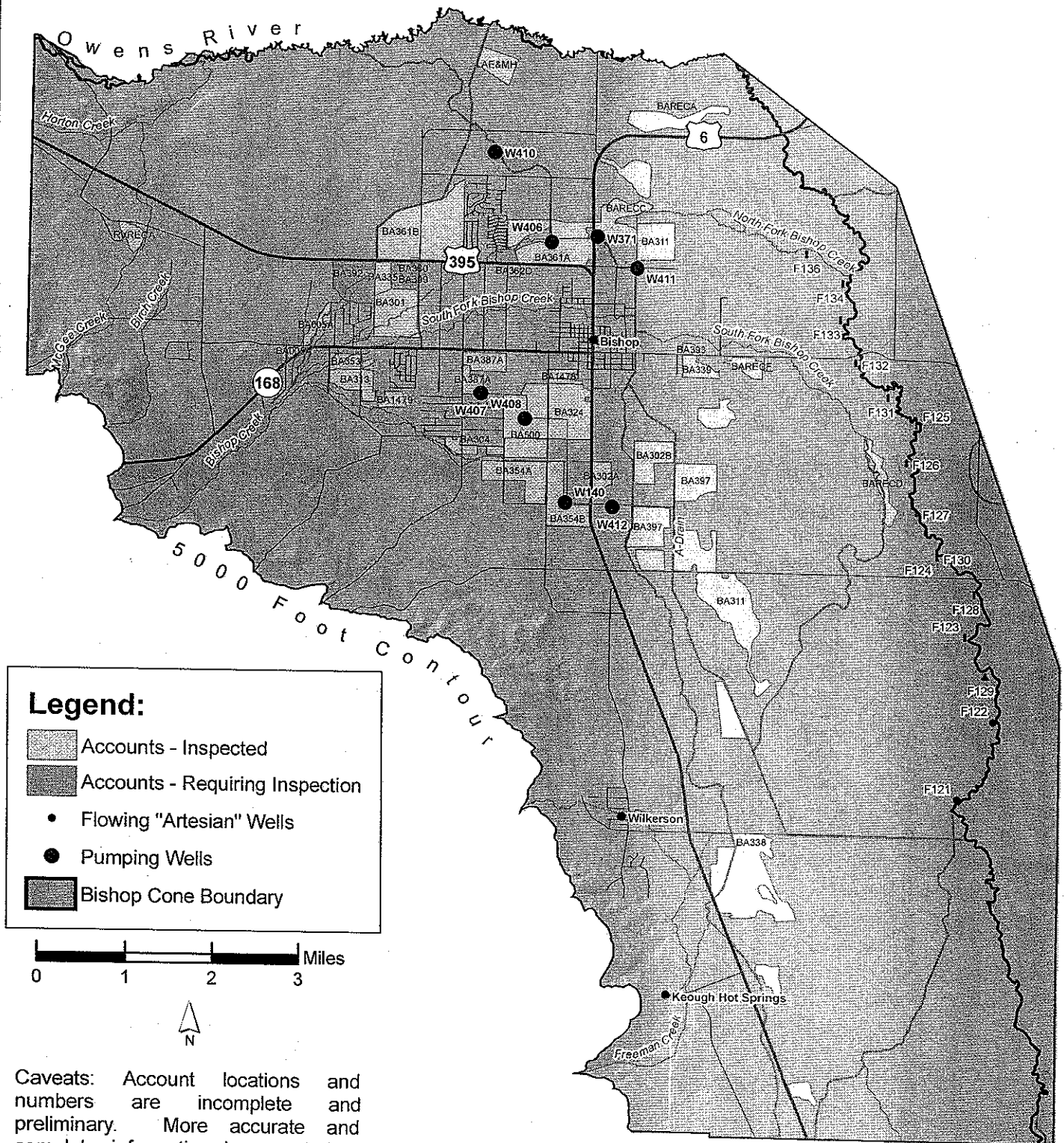
TABLE 4. LADWP USES IN COMPARISON TO LADWP GROUNDWATER EXTRACTION ON THE BISHOP CONE.

	RUNOFF YEAR 2011-2012 (AF)	RUNOFF YEAR 2012-2013 (AF)
TOTAL USES	29,308.44	25,243.51
TOTAL GROUNDWATER EXTRACTION	15,386.00	16,188.00

ATTACHMENT 1

Inyo County Water Department

Map 1. Bishop Cone Audit Features



APPENDIX A

Section VII.A of the Inyo County/Los Angeles Long-Term Groundwater Management Agreement

Section IV.D of the Green Book

Section VII.A of the Agreement:

VII. GROUNDWATER PUMPING ON THE BISHOP CONE

- A. Any groundwater pumping by the Department on the "Bishop Cone" (Cone) shall be in strict adherence to the provisions of the Stipulation and Order filed on the 26th day of August, 1940, in Inyo County Superior Court in the case of Hillside Water Company, a corporation, et al. vs. The City of Los Angeles, a Municipal Corporation, et al., ("Hillside Decree").

Before the Department may increase groundwater pumping above present levels, or construct any new wells on the Cone, the Technical Group must agree on a method for determining the exact amount of water annually used on Los Angeles-owned lands on the Cone. The agreed upon method shall be based on a jointly conducted audit of such water uses.

The Department's annual groundwater extractions from the Cone shall be limited to an amount not greater than the total amount of water used on Los Angeles-owned lands on the Cone during that year. Annual groundwater extractions by the Department shall be the total of all groundwater pumped by the Department on the Cone, plus the amount of artesian water that flowed out of the casing of uncapped wells on the Cone during the year. Water used on Los Angeles-owned lands on the Cone, shall be the quantity of water supplied to such lands, including conveyance losses, less any return flow to the aqueduct system.

- B. The overall management goals and principles and the specific goals and principles for each vegetation classification of this Stipulation and Order apply to vegetation on

the Cone.

FROM THE GREEN BOOK

D. Bishop Cone Audit

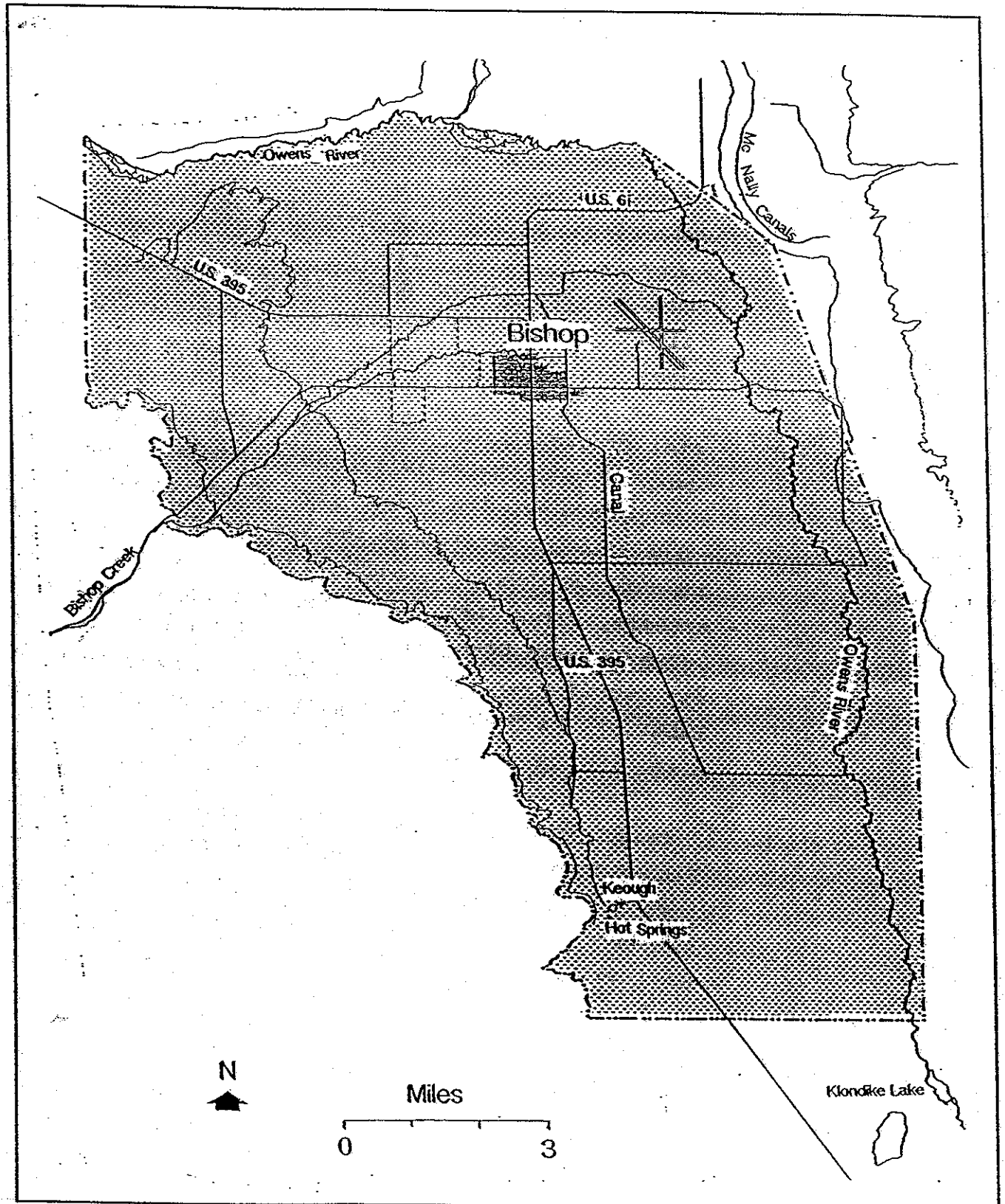
This sub-section describes the procedures for conducting the Bishop Cone audit in accordance with Section VII.A of the Agreement. The Bishop Cone audit is an annual accounting of LADWP groundwater extraction and water usage on Los Angeles-owned land on the Bishop Cone. The Agreement provides that, during any runoff year, total groundwater extraction by LADWP on the Bishop Cone shall not exceed water usage on Los Angeles-owned land on the Cone. The area defined as the Bishop Cone is shown as Figure IV.D.1.

1. Procedures for Conducting the Bishop Cone Audit

- a. For the purposes of the Bishop Cone audit, water usage on Los Angeles-owned land on the Bishop Cone is defined as the quantity of water supplied to such land, including conveyance losses, less any return flow to the aqueduct system. Water usage is documented on a runoff-year basis and is compiled by LADWP each May in the Bishop Area Water Use Report. At the conclusion of each runoff year, LADWP will forward the final water use report for the runoff year to Inyo County.
- b. The final water use report will be compared for consistency with the previous year's report. If measuring stations have been added or removed from the water-use report during the year, or if a significant change in the pattern of water usage occurs (for example, an account that has not received water for one year receives a

FIGURE IV.D.1

Bishop Cone Boundary



considerable amount the next year), the location will be field-checked. The field-check will evaluate whether changes in water usage warrant the changes noted in the report. If a change is made in the method of delivery to or return from an account that results in an overestimation of uses on the Bishop Cone, water usage for that account will not be credited to the total uses for the audit.

- c. Water usage for accounts BAIND (Bishop Indian Reservation), BA391 (outside of Bishop Cone boundary), and BAWEST (West Bishop private uses) will be subtracted from the total reported water usage.
- d. Total groundwater extraction by LADWP will be compared with the corrected water usage on the Bishop Cone for the runoff year. Total groundwater extraction is defined as the sum of all groundwater pumped by LADWP plus the amount of artesian water that flowed out of uncapped wells on the Bishop Cone during the runoff year. During any runoff year, total groundwater extraction by LADWP on the Bishop Cone shall not exceed water usage on Los Angeles-owned land on the Cone.
- e. A draft report summarizing the results of the Bishop Cone audit will be prepared annually as an Inyo County Water Department report and will be submitted to the Technical Group in June for a 30-day review.
- f. A final Bishop Cone audit report will be submitted in July to the Technical Group, the Standing

Committee, the Inyo County Board of Supervisors,
and the Inyo County Water Commission.

LADWP will notify Inyo County of any changes in the status, location, or operation of any measuring station used to conduct the Bishop Cone audit at the time the final Bishop Area Water Use Report is submitted to the County. LADWP will also notify the County of any changes in the boundaries of the accounts included in the audit.

Upon request by Inyo County, LADWP will provide measuring station data for accounts included in the audit to assist the County in verifying water usage for individual accounts.

APPENDIX B

Data on Uses and Total Groundwater Extracted on the Bishop Cone Supplied by LADWP

Department of Water and Power



the City of Los Angeles

ANTONIO R. VILLARAIGOSA
Mayor

Commission
THOMAS S. SAYLES, *President*
ERIC HOLOMAN, *Vice-President*
RICHARD F. MOSS
CHRISTINA E. NOONAN
JONATHAN PARFREY
BARBARA E. MOSCHOS, *Secretary*

RONALD O. NICHOLS
General Manager

RECEIVED

May 8, 2013

MAY 13 2013

Inyo Co. Water Department

Dr. Robert Harrington, Director
Inyo County Water Department
P.O. Box 337
Independence, CA 93526-0337

Dear Dr. Harrington:

Subject: Bishop Cone Audit

This is in response to your letter dated March 14, 2013. Enclosed is a copy of the following:

- 2012-2013 runoff year Bishop Cone Audit Water Use Report. ✓
- 2012-2013 runoff year Flowing well discharge data from the Bishop Cone.
- 2012-2013 runoff year Pumping well discharge data for the Bishop Cone.

If you have any questions, please contact Mr. William Jones of my staff at (760) 873-0380.

Sincerely,

James G. Yannotta
Manager of Aqueduct

Enclosures
c: Mr. William Jones

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□ Bishop, California mailing address: 300 Mandich Street • Bishop, CA 93514-3449 • Telephone: (760) 873-0208 • Fax (760) 873-0266
111 North Hope Street, Los Angeles, CA 90012-2607 • □ Mailing address: Box 51111 • Los Angeles, CA 90051-0100
Telephone: (213) 367-4211 • Cable address: DEWAPOLA



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BISHOP CONE AUDIT

PAGE 1

FROM 3/01/13 TO 3/31/13

A C R E - F E E T

A C C O U N T S & S T A T I O N S	PERIOD	MAR M-T-D	SINCE 4/01/12
BA502B SMITH & STICKELLS			
A-1 DRAIN			
3031 A-1 DRAIN PUMP PLANT # 1 S/O HALL DITC	.00	.00	.00
3032 A-1 DRAIN PUMP PLANT # 3 AT WELL # 140	.00	.00	711.00
*TOTALS ACRES= 148 ALOT= 740 LEFT= 29	.00	.00	711.00
BA302A BOOTHE			
HALL DITCH			
3006 HALL DITCH @ GOLF COURSE RETURN	.00	.00	150.00
B02A11 HALL DITCH @ BOOTHE	1.41	1.41	27.46
B02A21 STOCKWATER	1.41-	1.41-	27.46-
B02A32 OPERATIONS	.00	.00	1.00-
*TOTALS ACRES= 47 ALOT= 235 LEFT= 86	.00	.00	149.00
BA302B BOOTHE			
BISHOP CREEK CANAL			
3161 BISHOP CREEK CANAL #16	19.62	19.62	370.60
3162 BISHOP CREEK CANAL #17	.00	.00	396.00
3164 BISHOP CREEK CANAL #20	15.00	15.00	378.00
3165 BISHOP CREEK CANAL #21	.00	.00	.00
B02B21 STOCKWATER @ #16	19.62-	19.62-	329.22-
B02B22 STOCKWATER @ #20	15.00-	15.00-	122.55-
B02B41 DITCH MAKE	.00	.00	.00
B02B31 OPERATIONS	.00	.00	23.28-
*TOTALS ACRES= 120 ALOT= 600 LEFT= 69-	.00	.00	669.55
BA311 J.W. CASHBAUGH, ET AL			
BISHOP CREEK CANAL			
3166 BISHOP CREEK CANAL #5	.00	.00	515.00
3022 BISHOP CREEK CANAL #5A	.00	.00	338.00
3167 BISHOP CREEK CANAL #9	.00	.00	398.00
3168 BISHOP CREEK CANAL #30	50.00	50.00	2245.00
B11201 STOCKWATER @ #30	50.00-	50.00-	482.04-
3022 CREDIT FOR TATUM RETURN @ #5A	.00	.00	.00
B11301 OPERATIONS	.00	.00	29.07-
*TOTALS ACRES= 561 ALOT= 2805 LEFT= 179-	.00	.00	2984.89
BA313 BOYD & ONEY			
NORTH INDIAN DITCH			
3016 NORTH INDIAN ABOVE MUMY LANE #58E	294.00	294.00	5668.00
3017 WONACOTT A-2	43.00	43.00	829.00
3015 WONACOTT A-1	55.00-	55.00-	1004.00-
3054 WONACOTT A-3 RETURN	4.00-	4.00-	292.00-
3051 WONACOTT 58F	44.00-	44.00-	476.00-
3018 NORTH INDIAN B-2	183.00-	183.00-	3481.00-
B13401 NORTH INDIAN DITCH LOSS	56.00-	56.00-	695.26-
B13402 WONACOTT DITCH LOSS	.00	.00	74.90-
B13404 WONACOTT DITCH MAKE	5.00	5.00	14.00
B13301 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 84 ALOT= 420 LEFT= 67-	.00	.00	487.84

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BISHOP CONE AUDIT

PAGE 2

FROM 3/01/13 TO 3/31/13

A C C O U N T S & S T A T I O N S		PERIOD	A C R E - F E E T MAR M-T-D	SINCE 4/01/12
BA324 DANIELS, ROSSI, HANNON NORTH & SOUTH INDIAN DITCH				
3370	NORTH INDIAN DIVERSION W/O SUNLAND	.00	.00	25.00
3270	SOUTH INDIAN D-3	113.00	113.00	2158.00
3005	SOUTH INDIAN DITCH D-4	88.00-	88.00-	1163.00-
B244	DITCH LOSS	25.00-	25.00-	139.59-
B2442	DITCH MAKE	.00	.00	65.00
B243	OPERATIONS	.00	.00	.00
*TOTALS ACRES= 163 ALOT= 815 LEFT= 130-		.00	.00	945.41
BA1478 INDIAN CREEK RANCH (BL-1478) GEORGE & N. INDIAN DITCH				
3002	GEORGE DITCH WEST OF SUNLAND AVENUE	53.00	53.00	630.00
3068	GEORGE DITCH C-3	45.00-	45.00-	485.00-
BICR42	GEORGE DITCH LOSS	8.00-	8.00-	92.75-
BAICR4	DITCH MAKE	.00	.00	.00
3264	NORTH INDIAN DITCH BELOW A-1 DRAIN B3A	72.00	72.00	2013.00
3370	NORTH INDIAN DIVERSION W/O SUNLAND	.00	.00	25.00-
3364	NORTH INDIAN DITCH W/O HWY 395	55.00-	55.00-	1624.00-
BICR43	NORTH INDIAN DITCH LOSS	17.00-	17.00-	121.03-
BAICR3	OPERATIONS	.00	.00	101.10-
*TOTALS ACRES= 41 ALOT= 205 LEFT= 10		.00	.00	194.12
BA387A GIACOMINI NORTH INDIAN DITCH				
3043	NORTH INDIAN DITCH B-3	.00	.00	466.00
3011	WEST LINE L-2	.00	.00	175.00
B87A3	OPERATIONS	.00	.00	.00
*TOTALS ACRES= 122 ALOT= 610 LEFT= 31-		.00	.00	641.00
BARECF RECREATION FOREST SERVICE KINGSLEY DITCH				
3023	KINGSLEY DITCH C-4	29.00	29.00	976.00
3183	CEMETERY DITCH	27.00-	27.00-	496.00-
BRCF41	DITCH MAKE	.00	.00	.00
BRCF42	DITCH LOSS	2.00-	2.00-	156.11-
*TOTALS ACRES= 43 ALOT= 215 LEFT= 108-		.00	.00	323.89
BA339 DOHNEL KINGSLEY DITCH				
3170	KINGSLEY DITCH C-1	20.00	20.00	446.00
B39201	STOCKWATER @ C-1	20.00-	20.00-	246.59-
B39301	OPERATIONS	.00	.00	.58-
*TOTALS ACRES= 39 ALOT= 195 LEFT= 3-		.00	.00	198.83
BA393 CABALLERO KINGSLEY DITCH				
3061	KINGSLEY DITCH PUMP PLANT	.00	.00	46.00
3171	BISHOP CREEK DITCH # 11	.00	.00	48.00
BA933	OPERATIONS @ #11	.00	.00	.00
*TOTALS ACRES= 18 ALOT= 90 LEFT= 4-		.00	.00	94.00

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BISHOP CONE AUDIT

PAGE 3

FROM 3/01/13 TO 3/31/13

A C C O U N T S & S T A T I O N S		PERIOD	A C R E - F E E T MAR M-T-D	SINCE 4/01/12
BA362D JJ TATUM, LJ TATUM DAIRY DITCH				
3388	INDIAN SOUTH RETURN ON SEE-VEE LANE	6.00	6.00	626.00
3389	INDIAN MIDDLE RETURN ON SEE-VEE LANE	4.00	4.00	22.00
3390	INDIAN NORTH RETURN ON SEE-VEE LANE	16.00	16.00	255.00
B62D21	DAIRY STOCKWATER	19.78-	19.78-	232.90-
B62D31	OPERATIONS DAIRY DITCH	6.22-	6.22-	54.67-
*TOTALS ACRES= 182 ALOT= 578 LEFT= 37-		.00	.00	615.43
BA304 ANDREW & DAN BOYD NEWLON DITCH				
3026	NEWLON DITCH BOYD PUMP PLANT	.00	.00	159.00
*TOTALS ACRES= 48 ALOT= 240 LEFT= 81		.00	.00	159.00
BA500 TALBOT GEORGE & S. INDIAN DITCH				
3012	GEORGE DITCH C-1	45.00	45.00	915.00
3002	GEORGE DITCH WEST OF SUNLAND AVENUE	53.00-	53.00-	630.00-
B24B41	BUHS STOCKWATER	.00	.00	29.64-
B24B44	DITCH LOSS	.00	.00	88.37-
B24B04	DITCH MAKE	8.00	8.00	22.00
3365	PARK WEST RETURN S/O A-DRAIN	.00	.00	59.00
3047	4 X - 58D	198.00	198.00	2729.00
3366	SOUTH INDIAN DITCH DIVERSION # 1 N/O S	.00	.00	43.00
3367	SOUTH INDIAN DITCH DIVERSION # 2 N/O S	.00	.00	645.00
W408	WELL # 408	.00	.00	1123.00
3046	SOUTH INDIAN RETURN AT A-1 DRAIN	92.00-	92.00-	1442.00-
3270	SOUTH INDIAN D-3	113.00-	113.00-	2158.00-
B004	DITCH LOSS	.00	.00	330.36-
B0040	DITCH MAKE	7.00	7.00	137.00
B50B31	OPERATIONS	.00	.00	.00
*TOTALS ACRES= 171 ALOT= 890 LEFT= 104-		.00	.00	994.63
BA397 GIACOMINI BISHOP CREEK CANAL				
3172	BISHOP CREEK DITCH # 16-A	.00	.00	.00
3163	BISHOP CREEK DITCH # 19	.00	.00	493.00
3173	BISHOP CREEK DITCH # 19-A	.00	.00	.00
3174	BISHOP CREEK DITCH # 22	.00	.00	436.00
3019	BISHOP CREEK CANAL DIVERSION # 24	34.00	34.00	903.00
3020	BISHOP CREEK CANAL DIVERSION # 25	.00	.00	218.00
3391	BISHOP CREEK CANAL DIVERSION 26A	.00	.00	763.00
3024	BISHOP CREEK CANAL DIVERSION # 29	56.00	56.00	594.00
3392	FORD RAWSON-DIV 1A	1.00	1.00	1.00
B9721	STOCKWATER @ #29	56.00-	56.00-	358.02-
B9722	BOOTHE STOCKWATER @ #19	.00	.00	59.58-
B9723	STOCKWATER @ #19 & #24	34.00-	34.00-	308.00-
B9731	OPERATIONS	1.00-	1.00-	1.00-
*TOTALS ACRES= 482 ALOT= 2410 LEFT= 271-		.00	.00	2681.40

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A C R E - F E E T

A C C O U N T S & S T A T I O N S	PERIOD	MAR M-T-D	SINCE 4/01/12
BA361A ST RANCH			
NORTH FORK BISHOP CREEK			
3036 NORTH FORK BISHOP CREEK I-1	80.00	80.00	1321.00
3004 NORTH FORK BISHOP CREEK I-2	.00	.00	574.00
3042 TATUM RETURN AT HIGHWAY 6	.00	.00	40.00-
3039 TATUM RETURN AT BISHOP CREEK CANAL	17.00-	17.00-	306.00-
3022 BISHOP CREEK CANAL #5A	.00	.00	338.00-
B61A21 STOCKWATER @ I-1	.00	.00	.00
3316 WELL #406	.00	.00	1172.00
B61A41 DITCH MAKE	.00	.00	.00
B61A31 OPERATIONS	63.00-	63.00-	558.00-
*TOTALS ACRES= 262 ALOT= 1005 LEFT= 820-	.00	.00	1825.00
BA361B ST RANCH			
MATLICK DITCH			
3009 MATLICK DITCH F-10	45.00	45.00	1636.00
3040 MATLICK DITCH F-13 N	133.00	133.00	1453.00
3008 MATLICK DITCH F-13 E	10.00	10.00	192.00
3007 MATLICK DITCH F-14	1.00	1.00	115.00
3035 MATLICK DITCH #154	80.00	80.00	1914.00
3154 TATUM RETURN G-2	.00	.00	81.00-
3037 MATLICK DITCH #63A	20.00-	20.00-	355.00-
3038 TATUM RETURN H-1	.00	.00	324.00-
3003 MATLICK DITCH RETURN @ B-1 DRAIN	52.00-	52.00-	340.00-
3010 MATLICK RETURN @ C DRAIN	131.00-	131.00-	1065.00-
B61B41 DITCH LOSS #154 TO RETURN @ B1	28.00-	28.00-	536.45-
B61B42 DITCH MAKE F-10 TO RETURN @ C DRAIN	.00	.00	.00
B61B21 SPENCER STOCKWATER	15.50-	15.50-	182.50-
B61B22 STOCKWATER @ F-10	22.50-	22.50-	327.44-
B61B31 OPERATIONS	.00	.00	171.65-
*TOTALS ACRES= 412 ALOT= 2365 LEFT= 438	.00	.00	1926.96
BA502A SMITH & STICKELLS			
HALL DITCH			
3027 HALL DITCH PUMP PLANT # 2 @ DON TATUM	.00	.00	162.00
3028 HALL DITCH PUMP PLANT # 4 AT DON TATUM	.00	.00	801.00
*TOTALS ACRES= 219 ALOT= 1095 LEFT= 132	.00	.00	963.00
BARECA RECREATION FARMERS PONDS			
BISHOP CREEK CANAL			
3155 BISHOP CREEK CANAL #5B	.00	.00	422.00
BRCA31 OPERATIONS @ #5B	.00	.00	.00
*TOTALS	.00	.00	422.00
BARECC RECREATION SADDLE CLUB			
BISHOP CREEK CANAL			
3021 BISHOP CREEK CANAL #67	.00	.00	63.00
BRECC3 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 13 ALOT= 65 LEFT= 2	.00	.00	63.00

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A C R E - F E E T

A C C O U N T S & S T A T I O N S	PERIOD	MAR M-T-D	SINCE 4/01/12
BARECD RECREATION BUCKLEY PONDS			
SOUTH FORK BISHOP CREEK			
3194 S FORK BISHOP CR BELOW BISHOP CR CANAL	506.00	506.00	6742.00
3193 SANDERS POND RETURN	99.00-	99.00-	1491.00-
3066 RAWSON POND # 3 RETURN TO OWENS RIVER	40.00-	40.00-	1286.00-
BRCD31 OPERATIONS	.00	.00	.00
*TOTALS	367.00	367.00	3965.00
BA338 YRIBARREN			
FORD-RAWSON CANAL & KEOUGH			
2003 FORD RAWSON CANAL DIVERSION #2	25.00	25.00	818.00
2024 FORD RAWSON CANAL DIVERSION #3	.00	.00	2923.00
2004 FORD RAWSON CANAL DIVERSION #7	.00	.00	745.00-
2043 YRIBARREN RETURN #2	.00	.00	.00
B38402 FORD RAWSON CANAL LOSS	.00	.00	448.36-
B38201 STOCKWATER @ #2	25.00-	25.00-	390.64-
B38401 FORD RAWSON CANAL DITCH MAKE	.00	.00	.00
3368 RAWSON & KEOUGH DITCH E/O HWY 395	70.00	70.00	460.00
3369 RAWSON & KEOUGH DITCH RETURN AT A-DRAI	65.00-	65.00-	293.00-
B38202 CASHBAUGH STOCKWATER	4.53-	4.53-	111.31-
B38403 KEOUGH DITCH LOSS	.47-	.47-	48.06-
B38301 OPERATIONS	.00	.00	164.37-
*TOTALS ACRES= 427 ALOT= 2135 LEFT= 134	.00	.00	2000.26
BAOPRA OPERATION FORD-RAWSON CANAL			
FORD-RAWSON CANAL			
2026 FORD RAWSON CANAL BELOW BCC	.00	.00	.00
2024 FORD RAWSON CANAL DIVERSION #3	.00	.00	.00
BOPA31 OPERATIONS	.00	.00	.00
*TOTALS	.00	.00	.00
BAOPRB OPERATIONS A-DRAIN			
A-DRAIN			
2086 A-DRAIN DIVERSION TO ARKANSAS FLATS	.00	.00	.00
BOPB31 OPERATIONS	.00	.00	.00
*TOTALS	.00	.00	.00
RV361 ST RANCH			
HORTON CREEK			
BC361 HORTON CREEK E-7	.00	.00	17.25
BC3613 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 26 ALOT= 130 LEFT= 112	.00	.00	17.25
RVRECA RECREATION MILL POND			
MCGEE CREEK			
3185 MCGEE CREEK @ ABELOUR RANCH	193.00	193.00	2214.00
3235 MILL POND RETURN	102.00-	102.00-	1172.00-
RRCA41 DITCH MAKE	.00	.00	.00
*TOTALS	91.00	91.00	1042.00

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A C R E - F E E T

A C C O U N T S & S T A T I O N S	PERIOD	MAR M-T-D	SINCE 4/01/12
LAE&MH FIVE BRIDGES RECHARGE BISHOP CREEK CANAL			
3242 BISHOP CREEK CANAL DIVERSION #2	.00	.00	321.00
LEMGE5 MITIGATION WATER @ DIVERSION #4	.00	.00	.00
3317 BISHOP CREEK CANAL DIVERSION #6	1.00	1.00	402.00
LEMH2 STOCKWATER @ DIVERSION #2 & #6	1.00-	1.00-	431.00-
LEMH3 OPERATIONS	.00	.00	.00
*TOTALS	.00	.00	292.00
BA353 HADELER & MILORADICH WONACOTT & SMITH DITCH			
3015 WONACOTT A-1	55.00	55.00	1004.00
3053 TOMMY SMITH DITCH # 162-A	.00	.00	93.00
3017 WONACOTT A-2	43.00-	43.00-	829.00-
BA3534 WONACOTT DITCH LOSS	12.00-	12.00-	53.61-
BA534 DITCH MAKE	.00	.00	11.00
BA3533 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 38 ALOT= 190 LEFT= 35-	.00	.00	225.39
BA005A ONEY OTey DITCH			
3049 # 161 OTEY	48.00	48.00	1025.00
3377 OTEY DITCH RETURN AT MATLICK DITCH	50.00-	50.00-	968.00-
B05A4 DITCH LOSS	.00	.00	25.32-
B05A42 DITCH MAKE	2.00	2.00	2.00
*TOTALS ACRES= 13 ALOT= 65 LEFT= 31	.00	.00	33.68
BA005B SAFSTROM MATLICK DITCH			
3378 OTEY DITCH DIVERSION ABOVE MATLICK DIT	.00	.00	56.00
B05B4 DITCH LOSS	.00	.00	.00
*TOTALS ACRES= 20 ALOT= 100 LEFT= 44	.00	.00	56.00
BA006A BARTON MATLICK DITCH			
3064 MATLICK DITCH AT INTAKE # 61	156.00	156.00	4099.00
3377 OTEY DITCH RETURN AT MATLICK DITCH	50.00	50.00	968.00
3412 MATLICK DITCH WEST OF MCLAREN	61.00-	61.00-	1715.00-
3378 OTEY DITCH DIVERSION ABOVE MATLICK DIT	.00	.00	56.00-
B06A1 PRIVATE DIVERSION	145.00-	145.00-	3156.10-
B06A4 DITCH LOSS	.00	.00	73.20-
*TOTALS ACRES= 14 ALOT= 70 LEFT= 3	.00	.00	66.70
BA1479 HIDDEN CREEKS RANCH SOUTH INDIAN DITCH			
3025 SOUTH INDIAN DITCH DIVERSION # 3	.00	.00	1.00
B14793 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 27 ALOT= 135 LEFT= 134	.00	.00	1.00

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BISHOP CONE AUDIT

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FROM 3/01/13 TO 3/31/13

ACRE - FEET

ACCOUNTS & STATIONS	PERIOD	MAR M-T-D	SINCE 4/01/12
BA392 LACEY LIVESTOCK			
YOUNG & MATLICK DITCHES			
3387 MATLICK DITCH TO THE NORTH	45.00	45.00	1396.00
3398 MATLICK DITCH #1	178.00	178.00	3829.00
BA9242 DITCH LOSS	.00	.00	136.40-
3399 REINHACKLE #1	100.00	100.00	1397.00
3400 YOUNG DITCH #1	2.00	2.00	293.00
3401 YOUNG DITCH #2	58.00-	58.00-	693.00-
3406 C-DRAIN AT INTAKE	257.00-	257.00-	4288.00-
BA921 MATLICK DITCH F-10	45.00-	45.00-	1636.00-
BA924 DITCH MAKE	35.00	35.00	365.00
BA923 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 140 ALOT= 700 LEFT= 173	.00	.00	526.60
BA301 AUBREY & MOXLEY			
NELLIGAN & YOUNG DITCHES			
3396 NELLIGAN DIV. #1	44.00	44.00	1112.00
3397 NELLIGAN BELOW DIV. #1	55.00	55.00	986.00
3401 YOUNG DITCH #2	58.00	58.00	693.00
3050 HOLLAND # 63-B	19.00-	19.00-	342.00-
3404 NELLIGAN DITCH #2	71.00-	71.00-	1371.00-
3402 YOUNG DITCH #3	56.00-	56.00-	534.00-
3407 YOUNG DITCH # 4	.00	.00	19.00-
BA014 DITCH LOSS	11.00-	11.00-	108.58-
BA0144 DITCH MAKE	.00	.00	32.00
BA013 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 99 ALOT= 495 LEFT= 46	.00	.00	448.42
BA335 PARTRIDGE & JOHNSON			
YOUNG DITCH			
3402 YOUNG DITCH #3	56.00	56.00	534.00
3407 YOUNG DITCH # 4	.00	.00	19.00
3403 YOUNG DITCH RETURN TO NELLIGAN	52.00-	52.00-	417.00-
BA354 DITCH LOSS	4.00-	4.00-	23.44-
BA353 OPERATIONS	.00	.00	.00
*TOTALS ACRES= 30 ALOT= 150 LEFT= 37	.00	.00	112.56
BACL BISHOP CONE CONVEYANCE LOSS			
BCCL1 BA313 DITCH LOSS N INDIAN	56.00	56.00	695.26
BCCL2 BA313 DITCH LOSS WONACOTT	.00	.00	74.90
BCCL3 BA324 DITCH LOSS N & S INDIAN	25.00	25.00	139.59
BCCL4 BA1478 DITCH LOSS GEORGE	8.00	8.00	92.75
BCCL5 BA1478 DITCH LOSS N INDIAN	17.00	17.00	124.69
BCCL6 BARECF DITCH LOSS KINGSLEY	2.00	2.00	156.11
BCCL7 BA500 DITCH LOSS GEORGE	.00	.00	88.37
BCCL8 BA500 DITCH LOSS S INDIAN	.00	.00	330.36
BCCL9 BA361B DITCH LOSS MATLICK	28.00	28.00	536.45
BCCL10 BA338 DITCH LOSS FORD RAWSON	.00	.00	448.36
BCCL11 BA353 DITCH LOSS WONACOTT	12.00	12.00	53.61
BCCL12 BA005A DITCH LOSS OTEY	.00	.00	25.32
BCCL13 BA301 DITCH LOSS NELLIGAN	11.00	11.00	108.58

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A C R E - F E E T

A C C O U N T S & S T A T I O N S	PERIOD	MAR M-T-D	SINCE 4/01/12
BCCL14 BA335 DITCH LOSS YOUNG	4.00	4.00	31.44
BCCL15 TOTAL DITCH LOSS	163.00-	163.00-	2901.12-
*TOTALS	.00	.00	4.67
AREA SUMMARY	IRG .00	.00	19728.92
	SW 284.34	284.34	3638.89
	OPER 70.22	70.22	1104.72
	E&M .00	.00	292.00
	GWRC .00	.00	.00
	REC 458.00	458.00	5815.89
	IND .00	.00	.00
	DOM .00	.00	.00
	LORP .00	.00	.00
TOTAL WATER USE	812.56	812.56	30580.42

TOTAL IRG AC 4009

TOTAL ALOT 19748

DUTY TO DATE 4.9 AF/AC

2012/2013 RUNOFF YEAR BISHOP CONE FLOWING WELL TOTALS
(ACRE-FEET)

WELL	2012	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2013	JAN	FEB	MAR	TOTAL
F121	3	3	3	3	3	3	3	3	3	3	3	3	3	3	36
F122	15	16	14	8	8	13	7	6	6	6	7	7	7	5	110
F123	10	9	8	10	10	10	8	8	10	13	13	10	10	9	118
F124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F125	80	83	82	83	83	82	80	85	83	84	80	74	74	79	975
F126	22	23	23	22	22	19	20	21	23	30	22	19	19	21	265
F127	30	31	30	32	32	33	32	33	32	34	34	30	30	33	384
F128	20	21	22	26	26	23	21	24	21	21	21	19	19	21	260
F129	13	12	12	12	12	12	13	14	13	14	14	12	12	13	154
F130	26	26	26	26	26	25	24	25	24	25	24	21	21	24	296
F131	67	69	66	67	67	65	63	66	63	66	69	63	63	72	796
F132	25	29	27	26	26	26	25	29	26	27	23	20	20	22	305
F133	30	31	30	31	31	31	30	30	28	29	25	23	23	26	344
F134	47	50	46	44	44	43	42	44	47	49	49	47	47	50	558
F136	8	8	7	6	6	6	7	10	8	6	9	10	10	11	96
TOTAL	396	411	396	396	396	391	375	398	387	407	393	358	389	4697	

2012/2013 RUNOFF YEAR BISHOP CONE PUMPING WELL TOTALS

(ACRE-FEET)

WELL	2012	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2013	JAN	FEB	MAR	TOTAL
W140	200	211	203	207	205	198	2	0	0	0	0	0	0	1226
W207	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W371	96	97	92	93	92	89	95	92	94	93	85	95	95	1113
W406	198	213	204	206	202	195	3	66	213	166	34	0	0	1700
W407	159	170	164	168	167	161	2	0	0	0	0	0	0	991
W408	185	195	186	190	186	179	2	0	0	0	0	0	0	1123
W410	224	231	222	229	229	220	228	221	228	227	205	226	226	2690
W411	208	250	244	252	265	261	4	0	0	0	0	0	0	1484
W412	202	190	186	186	161	181	15	13	10	4	9	7	7	1164
TOTAL	1472	1557	1501	1531	1507	1484	351	392	545	490	333	328	328	11491

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