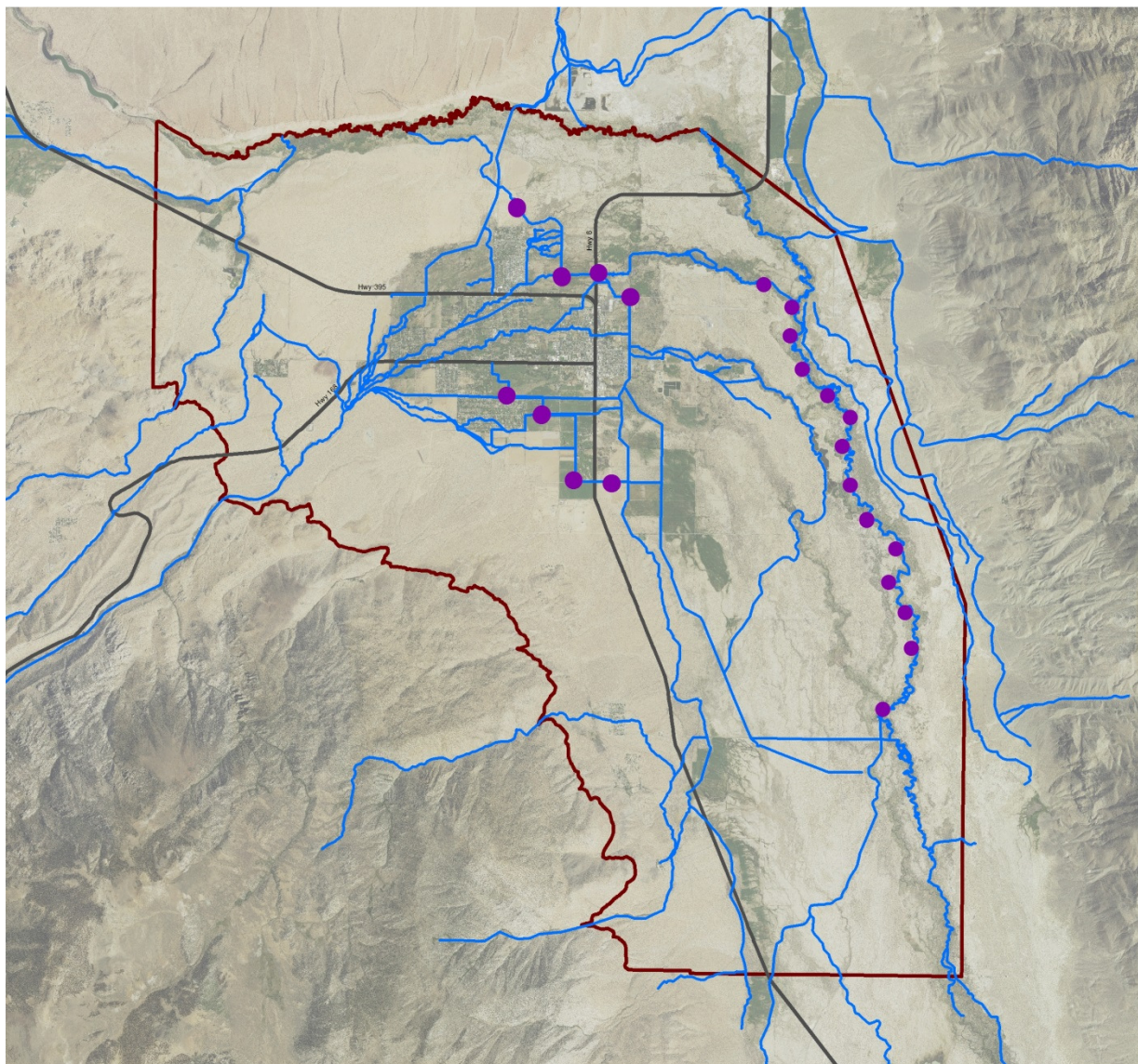


# THE BISHOP CONE AUDIT FOR THE 2014-15 RUNOFF YEAR



**Inyo County Water Department  
Report 2014-15  
January 15, 2016**

# **THE BISHOP CONE AUDIT FOR THE 2014-15 RUNOFF YEAR**

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# **THE BISHOP CONE AUDIT FOR THE 2014-15 RUNOFF YEAR**

## **1.0 INTRODUCTION**

The Bishop Cone Audit (Audit) is an annual comparison between Los Angeles Department of Water and Power's (LADWP) water usage on Los Angeles-owned lands on the Bishop Cone and the amount of groundwater extraction from wells on the Bishop Cone. The Bishop Cone Audit is required by the Inyo County/Los Angeles Long-term Groundwater Management Agreement (Water Agreement). The "Bishop Cone" is a reference to the legally defined area in the 1940 Hillside Decree which incorporates most of the Bishop Creek alluvial fan along with a portion of the northern Owens Valley from Bishop south towards Big Pine (Map 1). The Water Agreement and the Green Book (the technical appendix to the Water Agreement) define the terms, conditions, and procedures of the Bishop Cone Audit. Inyo County Water Department (ICWD) staff compiles the Bishop Cone Audit from data provided by LADWP. The Audit sums pumping and flowing well amounts and compares those totals to water use on Los Angeles-owned land during a given runoff year (April 1 to March 31) to determine whether LADWP's groundwater extractions exceed its surface water uses on the Bishop Cone.

## **2.0 BACKGROUND**

The City of Los Angeles owns prior appropriative surface water rights in the Bishop area. Los Angeles also owns groundwater rights on the Bishop Cone as a consequence of its ownership of overlying land. A system of ditches and canals exist to convey both surface water from Bishop Creek and the Owens River and also groundwater pumped from LADWP wells to irrigated land throughout the Bishop Cone with some water exiting the Cone. In 1930 and 1931, Los Angeles extracted groundwater from wells on the Bishop Cone for the purpose of export to Los Angeles. This export of groundwater was challenged by local residents, and in the 1940 Hillside Decree, Los Angeles agreed not to pump any groundwater for the purpose of export off the Bishop Cone.

Relevant language of the 1940 Hillside Decree is presented below (a link of the entire decree can be found at the Inyo County Water Department's website at [www.inyowater.org/documents/hillside-decree-1940/](http://www.inyowater.org/documents/hillside-decree-1940/)):

*XI*

*That the defendants [LADWP], their servants agents, employees, and assigns, and each of them, be, and they are hereby, enjoined, prohibited, and restrained from in any manner whatsoever pumping, extracting, taking, or transporting out of the Bishop Cone area any subterranean waters from beneath said area: provided, however, that nothing in this judgment contained shall in any manner enjoin, prohibit, or restrain the defendants, their servants, agents, employees, assigns, or any of them, from maintaining or operating their presently-existing drainage ditches to the full extent of their present normal capacity, or from taking artesian water that may arise to the surface of said area outside the casings of any of defendants' capped wells, or from pumping, extracting, taking, or using any such water as may be reasonably necessary for beneficial use upon any lands belonging to the defendants, .....*

In 1972, Inyo County filed a California Environmental Quality Act suit claiming that increased groundwater pumping by LADWP was harming the environment of the Owens Valley and demanding that an Environmental Impact Report (EIR) be completed to analyze the effects of this increased pumping. After numerous legal challenges and negotiations, in 1991 an EIR was approved for LADWP's groundwater pumping and a long term groundwater management plan was agreed upon by Inyo County and LADWP. Section VII.A of the 1991 Water Agreement addresses the Bishop Cone and provides that: *"Before the Department [LADWP] 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. 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."* (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. The Standing Committee adopted the agreed-upon Bishop Cone Audit procedure on November 7, 1996 as Section IV.D of the Green Book.

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. Water usage is documented on a runoff-year basis and is compiled by LADWP each May in the Bishop Area Water Use Report [Bishop Cone Audit Uses Report]."* (Appendix B)

In theory compliance with the Water Agreement and the Green Book is simple: LADWP can only extract groundwater to be used on its lands and leases on the Bishop Cone with no flow leaving the system. In a simplified hypothetical situation, LADWP would have groundwater extraction wells at the "top" of the cone which would provide surface water to ditches running downhill to its lands and leases. Upon reaching the "lowest" land, no surface water would leave. However, there are many practical factors that dictate and complicate how the Bishop Cone Audit accounts for LADWP extractions and uses. Some of these factors are: the Bishop Cone topography (generally sloping west to east in the Bishop area, and north to south from Bishop towards Big Pine), the location of LADWP-owned lands throughout the Bishop Cone area, the location of LADWP's groundwater extraction wells (in central Bishop), the location of LADWP's flowing wells (east of Bishop adjacent to the Owens River), the location of the various ditch and canal systems used to convey water in the Bishop Cone, and operational necessities for conveying surface water both on and off the Bishop Cone.

To illustrate further, the primary source of water available for use on LADWP lands in the topographically higher west Bishop area of the cone is LADWP-owned surface water from Bishop Creek that is diverted into various ditches for irrigation (use) on LADWP-owned land. Groundwater pumped from LADWP wells in central Bishop supplements the remaining Bishop Creek surface water. The now combined surface and groundwater flows east and south and is used on LADWP land in the central and southern portions of the Cone. Groundwater extracted

from flowing wells provides water to the Owens River. Some mixture of surface and groundwater also leaves the Bishop Cone either in canals or the Owens River.

Prior to the adoption of the Water Agreement, several methods were researched to determine the best procedure for tracking LADWP's uses and extraction on the Bishop Cone. A final method was selected which compares the sum of pumped groundwater from production wells and flowing groundwater from artesian wells (extractions) to surface water applied to LADWP-owned lands on the Cone (uses). To determine the total uses, a lease-wise approach was selected which tracks the difference between water coming onto a given lease and the water (if any) that exits that lease to return to the conveyance system (ditch, canal, creek or river). LADWP supplies a listing of surface water uses by each individual lease account in its annual Bishop Cone Audit Uses Report. Credit for a use is granted on accounts that have been agreed to and inspected by ICWD staff. A combination of monitoring devices are used to track extractions and uses on the Bishop Cone, including flumes, weirs, and propeller meters. These devices are measured either manually or continuously using data-logging devices.

It is important to note that the Bishop Cone Audit does not attempt to compute a complete surface or groundwater budget. Its purpose is to monitor compliance with the dictates of the Water Agreement, the Green Book, and the legal interpretations of the Hillside Decree. The Audit compares LADWP's total water uses to groundwater extractions during a given runoff year.

### **3.0 WATER USES ON LADWP-OWNED LAND ON THE BISHOP CONE**

The location of the Bishop Cone and the pumping and flowing wells on the Bishop Cone are shown in Map 1. Also shown on Map 1 are the general locations of the LADWP-owned lease accounts used in the Bishop Cone Audit Uses Report (Appendix C).

Table 1 (below) is a compilation of water usage by account number in acre-feet (AF) on LADWP-owned land on the Bishop Cone for the runoff years of 2013-14 and 2014-15. These water-usage amounts are a yearly total of the surface water coming onto a given lease minus the surface water leaving the lease and minus credits for stockwater, operations, and conveyance losses. Overall, there was a decrease in total water use on the Bishop Cone of 2,313 AF from 2013-14 to 2014-15.

Several accounts were not granted credit this runoff year and await inspections. As of this time, account BACL and the associated ditch loss measurements have not been explained to the ICWD by LADWP. Also, field inspections have not been conducted at BA006A and BA392. Stockwater accounting/monitoring has not been defined nor has inspection of the accounts taken place. Credit is therefore denied at these four accounts until the above work has taken place.

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

| <b>LADWP<br/>ACCOUNT NUMBER</b>         | <b>RUNOFF YEAR*<sup>1</sup><br/>2013-2014 (AF)</b> | <b>RUNOFF YEAR*<sup>1</sup><br/>2014-2015 (AF)</b> |
|---|--|--|
| BA502B,BA354B or BA362B <sup>*4</sup>   | 555.00   | 739.00   |
| BA302A                                  | 80.00  | 238.07   |
| BA302B                                  | 657.63   | 522.36   |
| BA311                                   | 3,308.83   | 2566.14  |
| BA313                                   | 466.90   | 373.65   |
| BA324 <sup>*3</sup>                     | 743.49   | 883.92   |
| BA324A                                  | NO DATA  | NO DATA  |
| BA324C                                  | NO DATA  | NO DATA  |
| BA387A                                  | 577.00   | 480.00   |
| BARECF                                  | 44.43  | 136.84   |
| BA339                                   | 192.91   | 197.66   |
| BA342                                   | NO DATA  | NO DATA  |
| BA362C                                  | NO DATA  | NO DATA  |
| BA362D                                  | 377.31   | 635.26   |
| BA304                                   | 73.00  | 54.00  |
| BA324B                                  | NO DATA  | NO DATA  |
| BA387B                                  | NO DATA  | NO DATA  |
| BA397 (SAME AS BA387B-NEW LEASE HOLDER) | 2,517.41   | 2648.94  |
| BA361A                                  | 1,448.83   | 1188.40  |
| BA361B                                  | 1,844.74   | 1223.24  |
| BA502A,BA354A or 362A <sup>*4</sup>     | 712.00   | 59.00  |
| BARECA                                  | 503.00   | 425.00   |
| BARECC                                  | 0.00   | 0.00   |
| BARECD                                  | 3,687.00   | 3307.00  |
| BA338                                   | 2,047.57   | 2064.54  |
| BAOPRA                                  | 0.00   | 0.00   |
| BAOPRB                                  | 0.00   | 0.00   |
| BAGWRA                                  | NO DATA  | NO DATA  |
| RV361                                   | 24.55  | 33.31  |
| RV361B                                  | NO DATA  | NO DATA  |
| RVRECA                                  | 917.00   | 1112.00  |

| <b>LADWP<br/>ACCOUNT NUMBER</b>         | <b>RUNOFF YEAR<sup>*1</sup><br/>2013-14 (AF)</b> | <b>RUNOFF YEAR<sup>*1</sup><br/>2014-15 (AF)</b> |
|---|--|--|
| LARECB                                  | NO DATA  | NO DATA  |
| LAE&MH                                  | 292.00   | 0.00   |
| BAICR                                   | NO DATA  | NO DATA  |
| BA1478 (SAME AS BAICR-NEW LEASE HOLDER) | 124.41   | 227.27   |
| BA353                                   | 212.03   | 190.28   |
| BA393                                   | 110.00   | 65.00  |
| BA500 <sup>*3</sup>                     | 796.41   | 691.45   |
| BA005A <sup>*3</sup>                    | 16.89  | 18.24  |
| BA005B                                  | 24.15  | 26.54  |
| BA006A <sup>*2</sup>                    | 72.24 (No Credit) <sup>*5</sup>                  | 32.88 (No Credit) <sup>*5</sup>                  |
| BA1479 <sup>*4</sup>                    | 0.00   | 4.00   |
| BA392                                   | 252.36 (No Credit) <sup>*5</sup>                 | 489.05 (No Credit) <sup>*5</sup>                 |
| BA301 (Aubrey and Moxley)               | 282.00   | 263.35   |
| BA335 (Partridge and Johnson)           | 128.75   | 78.02  |
| BA394 (Berner)                          | NO DATA  | NO DATA  |
| BA360 (Allen)                           | NO DATA  | NO DATA  |
| BCCL and BACL                           | 2,941.91 (No Credit) <sup>*5</sup>               | 2,894.28 (No Credit) <sup>*5</sup>               |
| <b>TOTAL</b>                            | <b>22,765.24</b>                                 | <b>20,452.48</b>                                 |

\*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.

\*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.

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.

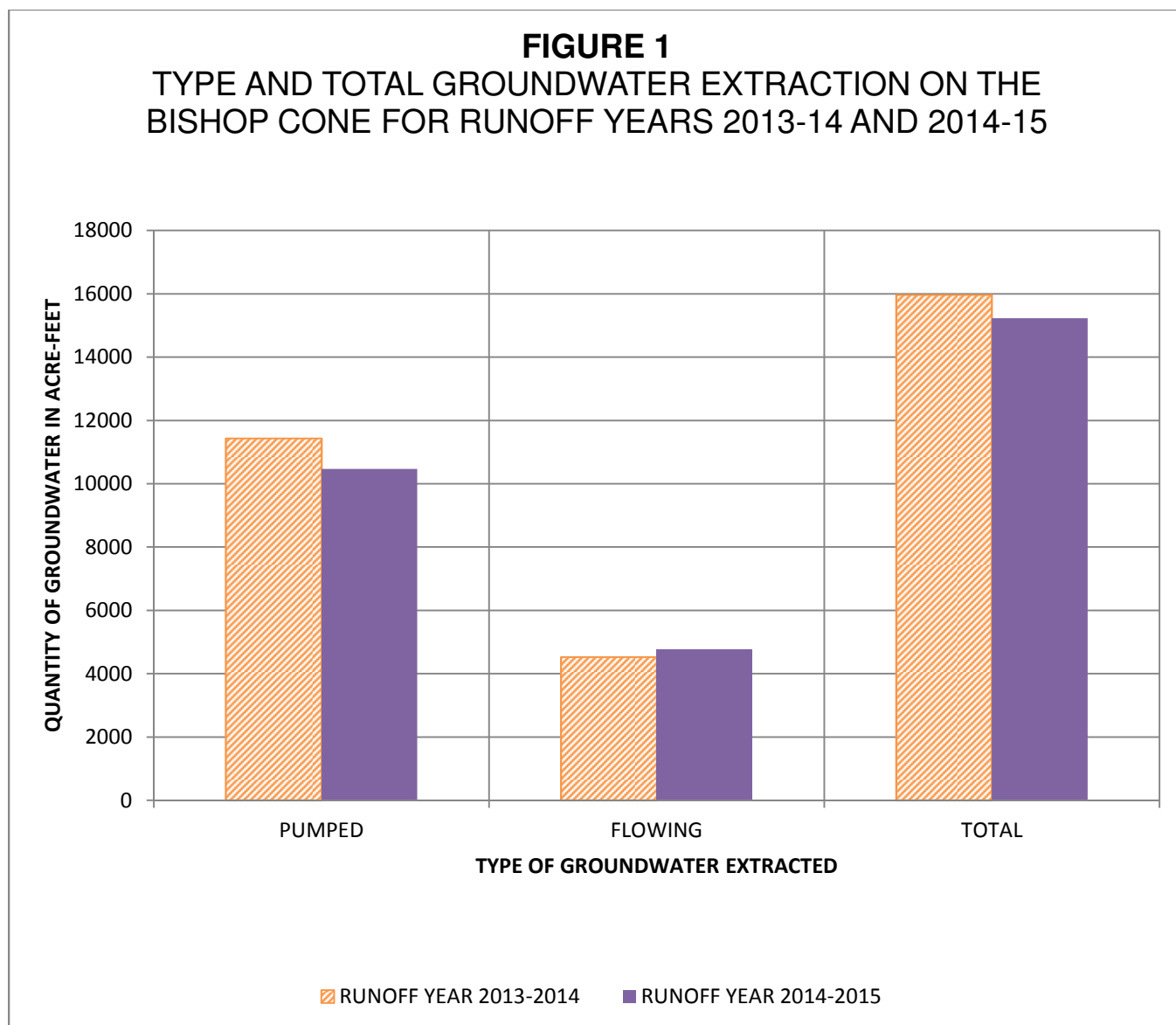
#### **4.0 TOTAL LADWP GROUNDWATER EXTRACTION ON LADWP-OWNED LAND ON THE BISHOP CONE FOR RUNOFF YEARS 2013-14 AND 2014-15**

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."* (Appendix B)

Figure 1 (below) presents the total amount LADWP groundwater extraction and the groundwater extraction classified as flowing and pumped groundwater on the Bishop Cone in acre-feet for runoff years of 2013-14 and 2014-15.

For runoff year 2013-14, LADWP extracted 15,960 AF of groundwater (11,433 AF from pumped wells and 4,527 from flowing wells). For runoff year 2014-15, LADWP extracted 15,299 AF of groundwater (10,468 AF from pumped wells and 4,761 AF from flowing wells).

LADWP groundwater extractions on the Bishop Cone for the 2014-15 runoff year decreased by 731 AF compared to the previous year.



Flowing and pumped groundwater on the Bishop Cone are broken into detail by each well in Table 2.

**TABLE 2**  
**FLOWING AND PUMPED GROUNDWATER BY WELL ON THE BISHOP CONE**  
**IN RUNOFF YEAR 2014-15**

| WELL         | FLOWING GROUNDWATER (AF) | PUMPED GROUNDWATER (AF) |
|--------------|--------------------------|-------------------------|
| F121         | 36                       | NA                      |
| F122         | 79                       | NA                      |
| F123         | 134                      | NA                      |
| F124         | 0                        | NA                      |
| F125         | 1043                     | NA                      |
| F126         | 293                      | NA                      |
| F127         | 458                      | NA                      |
| F128         | 266                      | NA                      |
| F129         | 104                      | NA                      |
| F130         | 334                      | NA                      |
| F131         | 672                      | NA                      |
| F132         | 346                      | NA                      |
| F133         | 344                      | NA                      |
| F134         | 595                      | NA                      |
| F136         | 57                       | NA                      |
| W410         | NA                       | 2586                    |
| W406         | NA                       | 1193                    |
| W371         | NA                       | 1016                    |
| W411         | NA                       | 1534                    |
| W407         | NA                       | 986                     |
| W408         | NA                       | 1046                    |
| W140         | NA                       | 1193                    |
| W412         | NA                       | 914                     |
| <b>TOTAL</b> | <b>4,761</b>             | <b>10,468</b>           |

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

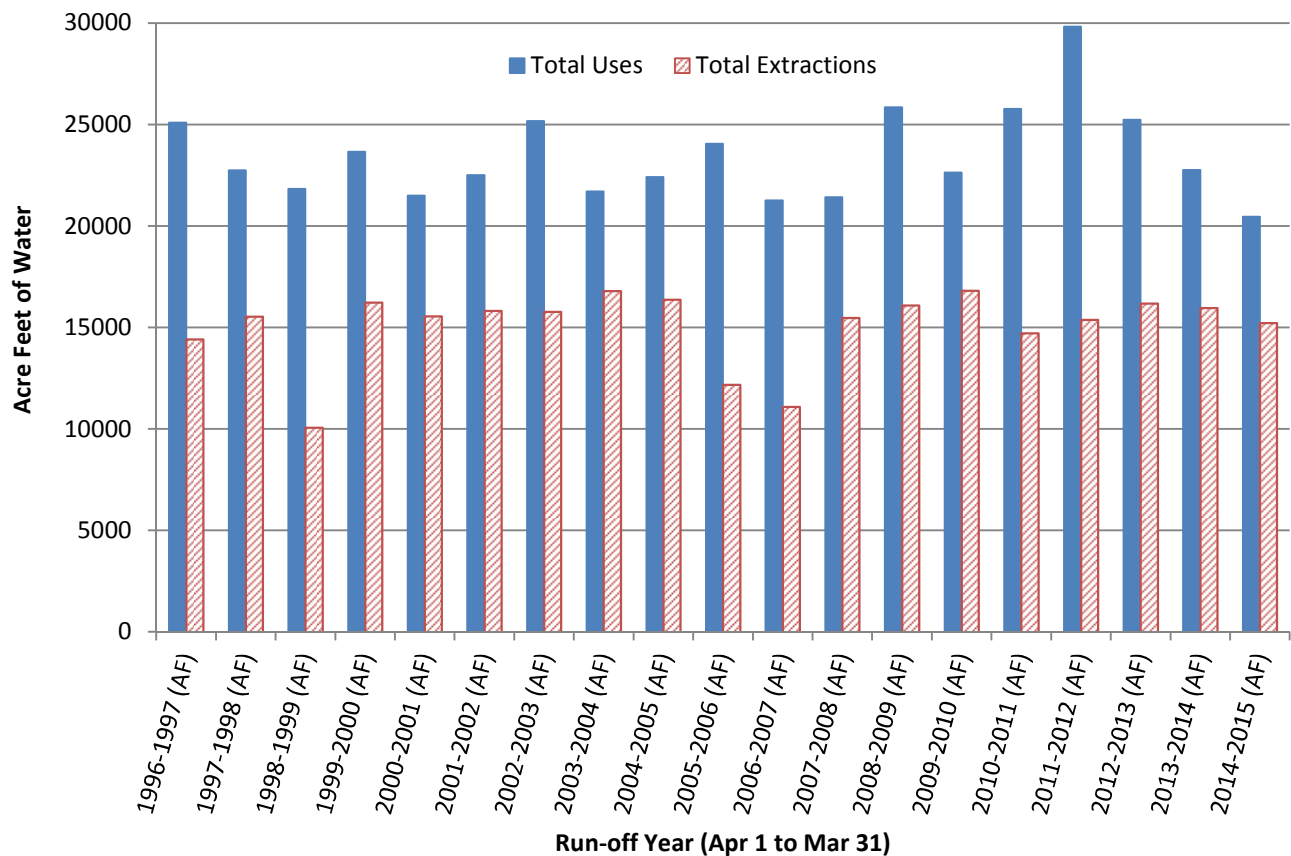
The Water Agreement provides that, during any runoff year, total groundwater extraction by LADWP on the Bishop Cone shall not exceed water usage on Los Angeles-owned land on the Cone. Table 3, below, shows that LADWP was in compliance with the above provision for runoff years 2013-14 and 2014-15 as the total uses on the Bishop Cone exceeded the total groundwater extraction for each year.

**TABLE 3**  
**LADWP USES IN COMPARISON TO LADWP GROUNDWATER**  
**EXTRACTION ON THE BISHOP CONE**

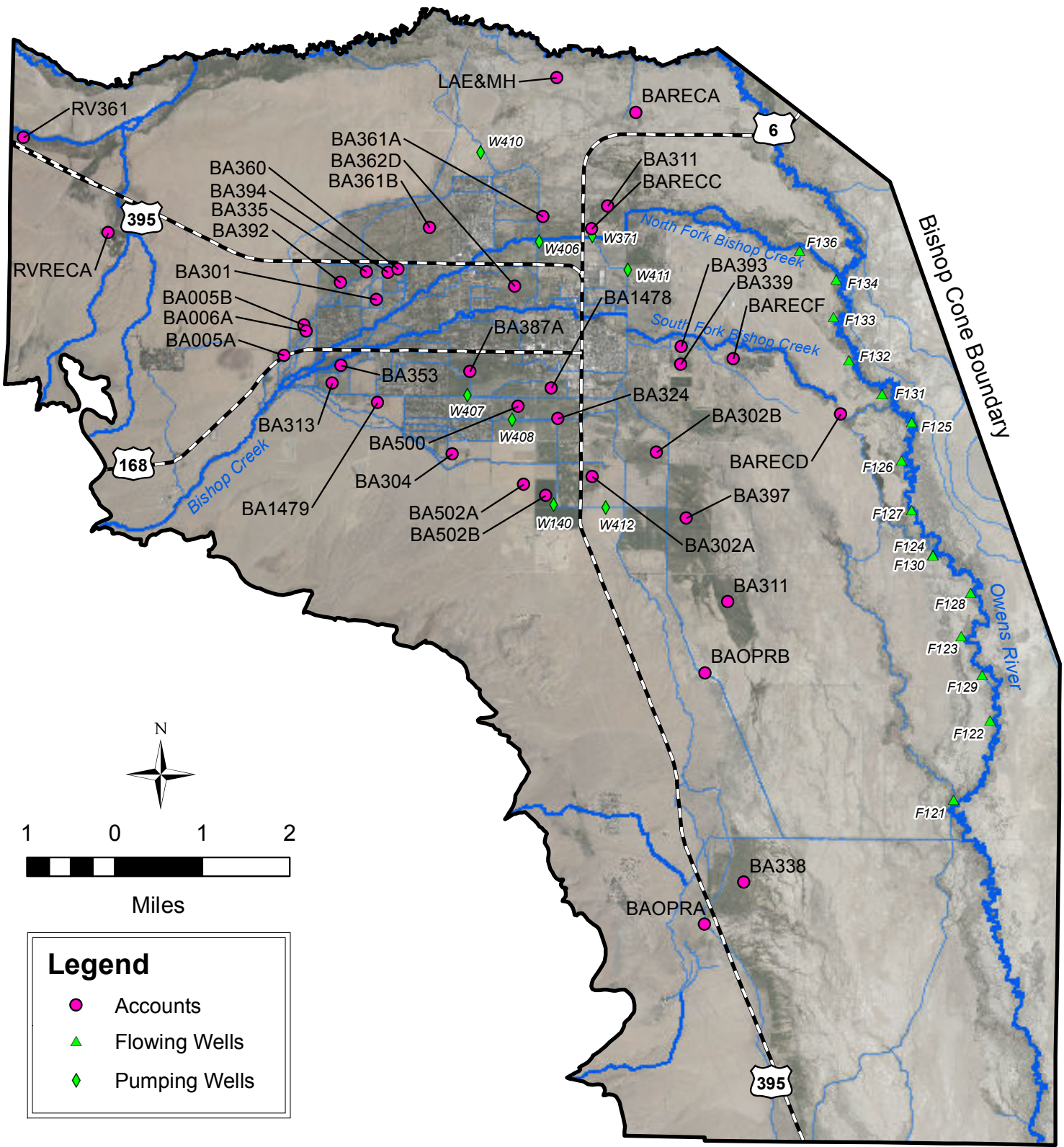
|                                     | RUNOFF YEAR 2013-14<br>(AF) | RUNOFF YEAR 2014-15<br>(AF) |
|-------------------------------------|-----------------------------|-----------------------------|
| <b>TOTAL USES</b>                   | <b>22,765</b>               | <b>20,452</b>               |
| <b>TOTAL GROUNDWATER EXTRACTION</b> | <b>15,960</b>               | <b>15,229</b>               |
| <b>USES MINUS EXTRACTIONS</b>       | <b>6,805</b>                | <b>5,223</b>                |
| <b>IN COMPLIANCE?</b>               | <b>YES</b>                  | <b>YES</b>                  |

Figure 2 presents LADWP's water uses versus extractions since runoff year 1996-97. Uses have exceeded extractions throughout the data period; therefore, LADWP has been in compliance with Section IV.D.1.a. of the Green Book and the Water Agreement.

**FIGURE 2**  
**WATER USES VERSUS EXTRACTIONS ON THE BISHOP CONE**



# Map 1. Bishop Cone Audit Features



BACL Not Shown on Map

## **APPENDIX A**

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

## **Section VII 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.

## **APPENDIX B**

Section IV.D of the Green Book

AGENDA ITEM 4

**MEMORANDUM**

7 November 1996

TO: Inyo County/Los Angeles Standing Committee  
FROM: Inyo County/Los Angeles Technical Group

**CONSIDERATION OF GREEN BOOK SECTION  
DESCRIBING THE BISHOP CONE AUDIT**

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**Background**

Section VII.A of the Inyo County/Los Angeles long-term water 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."

At its 17 October 1995 meeting, the Technical Group agreed to recommend to the Inyo County/Los Angeles Standing Committee the attached description of a Bishop Cone audit to be incorporated into the Green Book (the technical appendix to the long-term agreement).

**Request**

The Technical Group requests that the Standing Committee adopt the attached description as section IV.D of the Green Book.

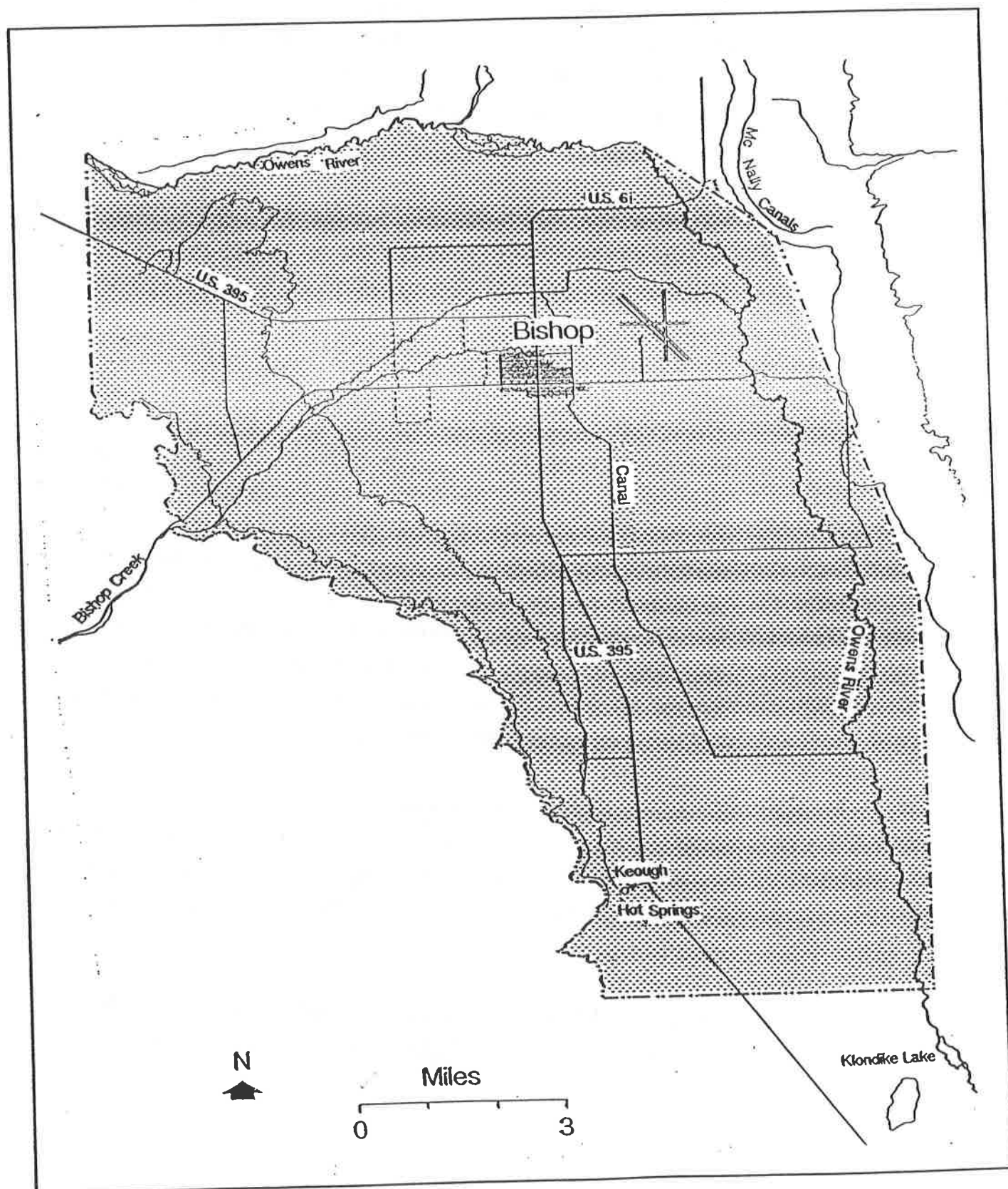
D. Bishop Cone Audit

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 C**

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

## 2014/2015 RUNOFF YEAR BISHOP CONE PUMPING WELL TOTALS

(ACRE-FEET)

|              | 2014        |             |             |             |             |             |            |            |            | 2015       |            |            |              |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|------------|--------------|
| <u>WELL</u>  | <u>APR</u>  | <u>MAY</u>  | <u>JUN</u>  | <u>JUL</u>  | <u>AUG</u>  | <u>SEP</u>  | <u>OCT</u> | <u>NOV</u> | <u>DEC</u> | <u>JAN</u> | <u>FEB</u> | <u>MAR</u> | <u>TOTAL</u> |
| W140         | 202         | 158         | 142         | 257         | 202         | 190         | 0          | 0          | 0          | 0          | 0          | 42         | 1193         |
| W207         | 0           | 0           | 0           | 0           | 0           | 0           | 0          | 0          | 0          | 0          | 0          | 0          | 0            |
| W371         | 86          | 88          | 84          | 86          | 86          | 82          | 87         | 84         | 86         | 85         | 77         | 84         | 1016         |
| W406         | 201         | 209         | 199         | 201         | 198         | 185         | 0          | 0          | 0          | 0          | 0          | 0          | 1193         |
| W407         | 42          | 168         | 163         | 168         | 167         | 160         | 118        | 0          | 0          | 0          | 0          | 0          | 986          |
| W408         | 59          | 204         | 197         | 202         | 199         | 184         | 0          | 0          | 0          | 0          | 0          | 0          | 1046         |
| W410         | 214         | 221         | 213         | 220         | 220         | 213         | 220        | 212        | 219        | 219        | 197        | 218        | 2586         |
| W411         | 248         | 259         | 255         | 262         | 260         | 251         | 0          | 0          | 0          | 0          | 0          | 0          | 1534         |
| W412         | 213         | 172         | 164         | 144         | 102         | 112         | 0          | 1          | 0          | 0          | 4          | 2          | 914          |
| <b>TOTAL</b> | <b>1263</b> | <b>1480</b> | <b>1416</b> | <b>1541</b> | <b>1435</b> | <b>1378</b> | <b>425</b> | <b>297</b> | <b>305</b> | <b>304</b> | <b>277</b> | <b>346</b> | <b>10468</b> |

## 2014/2015 RUNOFF YEAR BISHOP CONE FLOWING WELL TOTALS

(ACRE-FEET)

|       | 2014 |     |     |     |     |     |     |     |     | 2015 |     |     |       |
|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-------|
| WELL  | APR  | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN  | FEB | MAR | TOTAL |
| F121  | 3    | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3    | 3   | 3   | 36    |
| F122  | 11   | 12  | 11  | 7   | 4   | 4   | 4   | 4   | 5   | 5    | 5   | 5   | 79    |
| F123  | 8    | 9   | 9   | 11  | 12  | 12  | 11  | 10  | 11  | 13   | 13  | 14  | 134   |
| F124  | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0   | 0   | 0     |
| F125  | 79   | 85  | 80  | 85  | 88  | 87  | 89  | 85  | 93  | 93   | 84  | 95  | 1043  |
| F126  | 20   | 21  | 22  | 25  | 26  | 26  | 26  | 24  | 25  | 27   | 26  | 25  | 293   |
| F127  | 30   | 31  | 32  | 34  | 64  | 65  | 37  | 31  | 32  | 33   | 31  | 35  | 458   |
| F128  | 22   | 22  | 21  | 21  | 21  | 21  | 23  | 23  | 23  | 24   | 22  | 23  | 266   |
| F129  | 9    | 11  | 12  | 10  | 9   | 9   | 9   | 8   | 7   | 7    | 6   | 7   | 104   |
| F130  | 20   | 19  | 21  | 27  | 27  | 30  | 32  | 31  | 31  | 34   | 31  | 32  | 334   |
| F131  | 65   | 65  | 62  | 56  | 55  | 52  | 53  | 51  | 53  | 54   | 50  | 56  | 672   |
| F132  | 28   | 26  | 25  | 28  | 30  | 31  | 27  | 29  | 31  | 31   | 29  | 32  | 346   |
| F133  | 29   | 28  | 24  | 23  | 26  | 29  | 29  | 31  | 33  | 33   | 29  | 31  | 344   |
| F134  | 49   | 49  | 47  | 51  | 55  | 49  | 47  | 46  | 51  | 52   | 47  | 52  | 595   |
| F136  | 8    | 8   | 9   | 3   | 0   | 1   | 3   | 4   | 5   | 5    | 5   | 6   | 57    |
| TOTAL | 382  | 389 | 379 | 384 | 422 | 420 | 394 | 379 | 402 | 413  | 380 | 417 | 4761  |

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BISHOP CONE AUDIT

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-----  
A C C O U N T S & S T A T I O N S  
-----  
A C R E - F E E T  
MAR  
M-T-D  
SINCE  
4/01/14  
-----

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 | 42.00 | 42.00 | 739.00 |
| *TOTALS | ACRES= 148 ALOT= 740 LEFT= 1           | 42.00 | 42.00 | 739.00 |

BA302A BOOTHE  
HALL DITCH

|         |                                 |        |        |         |
|---------|---------------------------------|--------|--------|---------|
| 3006    | HALL DITCH @ GOLF COURSE RETURN | .00    | .00    | 60.00   |
| B02A11  | HALL DITCH @ BOOTHE             | 25.00  | 25.00  | 359.54  |
| B02A21  | STOCKWATER                      | 25.00- | 25.00- | 181.47- |
| B02A32  | OPERATIONS                      | .00    | .00    | .00     |
| *TOTALS | ACRES= 47 ALOT= 235 LEFT= 3-    | .00    | .00    | 238.07  |

BA302B BOOTHE  
BISHOP CREEK CANAL

|         |                               |        |        |         |
|---------|-------------------------------|--------|--------|---------|
| 3161    | BISHOP CREEK CANAL #16        | 9.94   | 9.94   | 131.29  |
| 3162    | BISHOP CREEK CANAL #17        | .00    | .00    | 444.00  |
| 3164    | BISHOP CREEK CANAL #20        | 12.00  | 12.00  | 320.00  |
| 3165    | BISHOP CREEK CANAL #21        | .00    | .00    | .00     |
| B02B21  | STOCKWATER @ #16              | 9.94-  | 9.94-  | 186.28- |
| B02B22  | STOCKWATER @ #20              | 12.00- | 12.00- | 186.65- |
| B02B41  | DITCH MAKE                    | .00    | .00    | .00     |
| B02B31  | OPERATIONS                    | .00    | .00    | .00     |
| *TOTALS | ACRES= 120 ALOT= 600 LEFT= 77 | .00    | .00    | 522.36  |

BA311 J.W. CASHBAUGH, ET AL  
BISHOP CREEK CANAL

|         |                                 |        |        |         |
|---------|---------------------------------|--------|--------|---------|
| 3166    | BISHOP CREEK CANAL #5           | .00    | .00    | 428.00  |
| 3022    | BISHOP CREEK CANAL #5A          | .00    | .00    | 356.00  |
| 3167    | BISHOP CREEK CANAL #9           | .00    | .00    | 359.00  |
| 3168    | BISHOP CREEK CANAL #30          | 66.00  | 66.00  | 1947.00 |
| B11201  | STOCKWATER @ #30                | 66.00- | 66.00- | 523.86- |
| 3022    | CREDIT FOR TATUM RETURN @ #5A   | .00    | .00    | .00     |
| B11301  | OPERATIONS                      | .00    | .00    | .00     |
| *TOTALS | ACRES= 561 ALOT= 2805 LEFT= 238 | .00    | .00    | 2566.14 |

BA313 BOYD & ONEY  
NORTH INDIAN DITCH

|         |                                   |         |         |          |
|---------|-----------------------------------|---------|---------|----------|
| 3016    | NORTH INDIAN ABOVE MUMY LANE #58E | 200.00  | 200.00  | 4204.00  |
| 3017    | WONACOTT A-2                      | 25.00   | 25.00   | 401.00   |
| 3015    | WONACOTT A-1                      | 39.00-  | 39.00-  | 652.00-  |
| 3054    | WONACOTT A-3 RETURN               | 1.00-   | 1.00-   | 141.00-  |
| 3051    | WONACOTT 58F                      | 23.00-  | 23.00-  | 277.00-  |
| 3018    | NORTH INDIAN B-2                  | 124.00- | 124.00- | 2663.00- |
| B13401  | NORTH INDIAN DITCH LOSS           | 37.00-  | 37.00-  | 516.35-  |
| B13402  | WONACOTT DITCH LOSS               | 1.00-   | 1.00-   | 8.00-    |
| B13404  | WONACOTT DITCH MAKE               | .00     | .00     | 26.00    |
| B13301  | OPERATIONS                        | .00     | .00     | .00      |
| *TOTALS | ACRES= 84 ALOT= 420 LEFT= 46      | .00     | .00     | 373.65   |

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BISHOP CONE AUDIT

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| 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<br>MAR<br>M-T-D | SINCE<br>4/01/14 |
|-----------------------------------|--|--------|-----------------------------------|------------------|
| BA324                             | DANIELS, ROSSI, HANNON<br>NORTH & SOUTH INDIAN DITCH     |        |                                   |                  |
| 3370                              | NORTH INDIAN DIVERSION W/O SUNLAND                       | .00    | .00                               | 23.00            |
| 3270                              | SOUTH INDIAN D-3   | 18.00  | 18.00                             | 1489.00          |
| 3005                              | SOUTH INDIAN DITCH D-4                                   | 11.00- | 11.00-                            | 389.00-          |
| B244                              | DITCH LOSS   | 7.00-  | 7.00-                             | 239.08-          |
| B2442                             | DITCH MAKE   | .00    | .00                               | .00              |
| B243                              | OPERATIONS   | .00    | .00                               | .00              |
| *TOTALS                           | ACRES= 163 ALOT= 815 LEFT= 68-                           | .00    | .00                               | 883.92           |
| BA1478                            | INDIAN CREEK RANCH (BL-1478)<br>GEORGE & N. INDIAN DITCH |        |                                   |                  |
| 3002                              | GEORGE DITCH WEST OF SUNLAND AVENUE                      | .00    | .00                               | 303.00           |
| 3068                              | GEORGE DITCH C-3   | .00    | .00                               | 194.00-          |
| BICR42                            | GEORGE DITCH LOSS  | .00    | .00                               | 68.80-           |
| BAICR4                            | DITCH MAKE   | .00    | .00                               | .00              |
| 3264                              | NORTH INDIAN DITCH BELOW A-1 DRAIN B3A                   | 72.00  | 72.00                             | 1338.00          |
| 3370                              | NORTH INDIAN DIVERSION W/O SUNLAND                       | .00    | .00                               | 23.00-           |
| 3364                              | NORTH INDIAN DITCH W/O HWY 395                           | 37.00- | 37.00-                            | 870.00-          |
| BICR43                            | NORTH INDIAN DITCH LOSS                                  | 35.00- | 35.00-                            | 257.93-          |
| BAICR3                            | OPERATIONS   | .00    | .00                               | .00              |
| *TOTALS                           | ACRES= 41 ALOT= 205 LEFT= 22-                            | .00    | .00                               | 227.27           |
| BA387A                            | GIACOMINI<br>NORTH INDIAN DITCH                          |        |                                   |                  |
| 3043                              | NORTH INDIAN DITCH B-3                                   | .00    | .00                               | 387.00           |
| 3011                              | WEST LINE L-2  | .00    | .00                               | 93.00            |
| B87A3                             | OPERATIONS   | .00    | .00                               | .00              |
| *TOTALS                           | ACRES= 122 ALOT= 610 LEFT= 130                           | .00    | .00                               | 480.00           |
| BARECF                            | RECREATION FOREST SERVICE<br>KINGSLEY DITCH              |        |                                   |                  |
| 3023                              | KINGSLEY DITCH C-4                                       | 31.00  | 31.00                             | 843.00           |
| 3183                              | CEMETERY DITCH   | 20.00- | 20.00-                            | 429.00-          |
| BRCF41                            | DITCH MAKE   | .00    | .00                               | .00              |
| BRCF42                            | DITCH LOSS   | 11.00- | 11.00-                            | 277.16-          |
| *TOTALS                           | ACRES= 43 ALOT= 129 LEFT= 7-                             | .00    | .00                               | 136.84           |
| BA339                             | DOHNEL<br>KINGSLEY DITCH                                 |        |                                   |                  |
| 3170                              | KINGSLEY DITCH C-1                                       | 18.00  | 18.00                             | 449.00           |
| B39201                            | STOCKWATER @ C-1   | 18.00- | 18.00-                            | 251.34-          |
| B39301                            | OPERATIONS   | .00    | .00                               | .00              |
| *TOTALS                           | ACRES= 39 ALOT= 195 LEFT= 2-                             | .00    | .00                               | 197.66           |
| BA393                             | CABALLERO<br>KINGSLEY DITCH                              |        |                                   |                  |
| 3061                              | KINGSLEY DITCH PUMP PLANT                                | .00    | .00                               | 42.00            |
| 3171                              | BISHOP CREEK DITCH # 11                                  | .00    | .00                               | 23.00            |
| BA933                             | OPERATIONS @ #11   | .00    | .00                               | .00              |
| *TOTALS                           | ACRES= 18 ALOT= 90 LEFT= 25                              | .00    | .00                               | 65.00            |

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| 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<br>MAR<br>M-T-D | S I N C E<br>4/01/14 |
|-----------------------------------|--|--------|-----------------------------------|----------------------|
| BA362D JJ TATUM, LJ TATUM         |  |        |                                   |                      |
| DAIRY DITCH                       |  |        |                                   |                      |
| 3388                              | INDIAN SOUTH RETURN ON SEE-VEE LANE    | .00    | .00                               | 574.00               |
| 3389                              | INDIAN MIDDLE RETURN ON SEE-VEE LANE   | .00    | .00                               | 3.00                 |
| 3390                              | INDIAN NORTH RETURN ON SEE-VEE LANE    | .00    | .00                               | 286.00               |
| B62D21                            | DAIRY STOCKWATER                       | .00    | .00                               | 227.74-              |
| B62D31                            | OPERATIONS DAIRY DITCH                 | .00    | .00                               | .00                  |
| *TOTALS                           | ACRES= 182 ALOT= 578 LEFT= 57-         | .00    | .00                               | 635.26               |
| BA304 ANDREW & DAN BOYD           |  |        |                                   |                      |
| NEWLON DITCH                      |  |        |                                   |                      |
| 3026                              | NEWLON DITCH BOYD PUMP PLANT           | .00    | .00                               | 54.00                |
| *TOTALS                           | ACRES= 48 ALOT= 240 LEFT= 186          | .00    | .00                               | 54.00                |
| BA500 TALBOT                      |  |        |                                   |                      |
| GEORGE & S. INDIAN DITCH          |  |        |                                   |                      |
| 3012                              | GEORGE DITCH C-1                       | .00    | .00                               | 560.00               |
| 3002                              | GEORGE DITCH WEST OF SUNLAND AVENUE    | .00    | .00                               | 303.00-              |
| B24B41                            | BUHS STOCKWATER                        | .00    | .00                               | .00                  |
| B24B44                            | DITCH LOSS                             | .00    | .00                               | 33.88-               |
| B24B04                            | DITCH MAKE                             | .00    | .00                               | .00                  |
| 3365                              | PARK WEST RETURN S/O A-DRAIN           | 1.00   | 1.00                              | 66.00                |
| 3047                              | 4 X - 58D                              | 26.00  | 26.00                             | 726.00               |
| 3366                              | SOUTH INDIAN DITCH DIVERSION # 1 N/O S | .00    | .00                               | 29.00                |
| 3367                              | SOUTH INDIAN DITCH DIVERSION # 2 N/O S | .00    | .00                               | 283.00               |
| W408                              | WELL # 408                             | .00    | .00                               | 1045.00              |
| 3046                              | SOUTH INDIAN RETURN AT A-1 DRAIN       | .00    | .00                               | 13.00-               |
| 3270                              | SOUTH INDIAN D-3                       | 18.00- | 18.00-                            | 1489.00-             |
| B004                              | DITCH LOSS                             | 9.00-  | 9.00-                             | 178.67-              |
| B0040                             | DITCH MAKE                             | .00    | .00                               | .00                  |
| B50B31                            | OPERATIONS                             | .00    | .00                               | .00                  |
| *TOTALS                           | ACRES= 171 ALOT= 890 LEFT= 198         | .00    | .00                               | 691.45               |
| BA397 GIACOMINI                   |  |        |                                   |                      |
| BISHOP CREEK CANAL                |  |        |                                   |                      |
| 3172                              | BISHOP CREEK DITCH # 16-A              | .00    | .00                               | .00                  |
| 3163                              | BISHOP CREEK DITCH # 19                | .00    | .00                               | 438.00               |
| 3173                              | BISHOP CREEK DITCH # 19-A              | .00    | .00                               | .00                  |
| 3174                              | BISHOP CREEK DITCH # 22                | .00    | .00                               | 461.00               |
| 3019                              | BISHOP CREEK CANAL DIVERSION # 24      | .00    | .00                               | 633.00               |
| 3020                              | BISHOP CREEK CANAL DIVERSION # 25      | .00    | .00                               | 157.00               |
| 3391                              | BISHOP CREEK CANAL DIVERSION 26A       | .00    | .00                               | 935.00               |
| 3024                              | BISHOP CREEK CANAL DIVERSION # 29      | 32.00  | 32.00                             | 609.00               |
| 3392                              | FORD RAWSON-DIV 1A                     | .00    | .00                               | 28.00                |
| B9721                             | STOCKWATER @ #29                       | 32.00- | 32.00-                            | 388.59-              |
| B9722                             | BOOTHE STOCKWATER @ #19                | .00    | .00                               | 94.87-               |
| B9723                             | STOCKWATER @ #19 & #24                 | .00    | .00                               | 128.60-              |
| B9731                             | OPERATIONS                             | .00    | .00                               | .00                  |
| *TOTALS                           | ACRES= 482 ALOT= 2410 LEFT= 238-       | .00    | .00                               | 2648.94              |

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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      P E R I O D      M A R      S I N C E  
-----      -----      M - T - D      4 / 0 1 / 1 4

BA361A ST RANCH

NORTH FORK BISHOP CREEK

|         |                                    |        |        |         |
|---------|------------------------------------|--------|--------|---------|
| 3036    | NORTH FORK BISHOP CREEK I-1        | 39.00  | 39.00  | 796.00  |
| 3004    | NORTH FORK BISHOP CREEK I-2        | .00    | .00    | 324.00  |
| 3042    | TATUM RETURN AT HIGHWAY 6          | .00    | .00    | 80.00-  |
| 3039    | TATUM RETURN AT BISHOP CREEK CANAL | 17.00- | 17.00- | 108.00- |
| 3022    | BISHOP CREEK CANAL #5A             | .00    | .00    | .00     |
| B61A21  | STOCKWATER @ I-1                   | 22.00- | 22.00- | 329.60- |
| 3316    | WELL #406                          | .00    | .00    | 586.00  |
| B61A41  | DITCH MAKE                         | .00    | .00    | .00     |
| B61A31  | OPERATIONS                         | .00    | .00    | .00     |
| *TOTALS | ACRES= 262 ALOT= 1005 LEFT= 183-   | .00    | .00    | 1188.40 |

BA361B ST RANCH

MATLICK DITCH

|         |                                     |        |        |         |
|---------|-------------------------------------|--------|--------|---------|
| 3009    | MATLICK DITCH F-10                  | 78.00  | 78.00  | 1278.00 |
| 3040    | MATLICK DITCH F-13 N                | 27.00  | 27.00  | 591.00  |
| 3008    | MATLICK DITCH F-13 E                | .00    | .00    | 135.00  |
| 3007    | MATLICK DITCH F-14                  | 4.00   | 4.00   | 63.00   |
| 3035    | MATLICK DITCH #154                  | 11.00  | 11.00  | 756.00  |
| 3154    | TATUM RETURN G-2                    | 4.00-  | 4.00-  | 20.00-  |
| 3037    | MATLICK DITCH #63A                  | 10.00- | 10.00- | 234.00- |
| 3038    | TATUM RETURN H-1                    | .00    | .00    | 160.00- |
| 3003    | MATLICK DITCH RETURN @ B-1 DRAIN    | 1.00-  | 1.00-  | 31.00-  |
| 3010    | MATLICK RETURN @ C DRAIN            | 73.00- | 73.00- | 338.00- |
| B61B41  | DITCH LOSS #154 TO RETURN @ B1      | 10.00- | 10.00- | 285.67- |
| 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                   | 6.50-  | 6.50-  | 348.59- |
| B61B31  | OPERATIONS                          | .00    | .00    | .00     |
| *TOTALS | ACRES= 412 ALOT= 2365 LEFT= 1141    | .00    | .00    | 1223.24 |

BA502A SMITH & STICKELLS

HALL DITCH

|         |  |       |       |       |
|---------|--|-------|-------|-------|
| 3027    | HALL DITCH PUMP PLANT # 2 @ DON TATUM  | .00   | .00   | .00   |
| 3028    | HALL DITCH PUMP PLANT # 4 AT DON TATUM | 59.00 | 59.00 | 59.00 |
| *TOTALS | ACRES= 219 ALOT= 1095 LEFT= 1036       | 59.00 | 59.00 | 59.00 |

BARECA RECREATION FARMERS PONDS

BISHOP CREEK CANAL

|         |                        |     |     |        |
|---------|------------------------|-----|-----|--------|
| 3155    | BISHOP CREEK CANAL #5B | .00 | .00 | 425.00 |
| BRCA31  | OPERATIONS @ #5B       | .00 | .00 | .00    |
| *TOTALS |                        | .00 | .00 | 425.00 |

BARECC RECREATION SADDLE CLUB

BISHOP CREEK CANAL

|         |                        |     |     |     |
|---------|------------------------|-----|-----|-----|
| 3021    | BISHOP CREEK CANAL #67 | .00 | .00 | .00 |
| BRECC3  | OPERATIONS             | .00 | .00 | .00 |
| *TOTALS |                        | .00 | .00 | .00 |

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|------------------------------------|--|---------|-----------------------------------|----------------------|
| BARECD RECREATION BUCKLEY PONDS    |  |         |                                   |                      |
| SOUTH FORK BISHOP CREEK            |  |         |                                   |                      |
| 3194                               | S FORK BISHOP CR BELOW BISHOP CR CANAL | 393.00  | 393.00                            | 6079.00              |
| 3193                               | SANDERS POND RETURN                    | 34.00-  | 34.00-                            | 892.00-              |
| 3066                               | RAWSON POND # 3 RETURN TO OWENS RIVER  | 71.00-  | 71.00-                            | 1880.00-             |
| BRCD31                             | OPERATIONS                             | .00     | .00                               | .00                  |
| *TOTALS                            |  | 288.00  | 288.00                            | 3307.00              |
| BA338 YRIBARREN                    |  |         |                                   |                      |
| FORD-RAWSON CANAL & KEOUGH         |  |         |                                   |                      |
| 2003                               | FORD RAWSON CANAL DIVERSION #2         | 31.00   | 31.00                             | 914.00               |
| 2024                               | FORD RAWSON CANAL DIVERSION #3         | .00     | .00                               | 3023.00              |
| 2004                               | FORD RAWSON CANAL DIVERSION #7         | .00     | .00                               | 742.00-              |
| 2043                               | YRIBARREN RETURN #2                    | .00     | .00                               | .00                  |
| B38402                             | FORD RAWSON CANAL LOSS                 | .00     | .00                               | 723.63-              |
| B38201                             | STOCKWATER @ #2                        | 31.00-  | 31.00-                            | 406.83-              |
| B38401                             | FORD RAWSON CANAL DITCH MAKE           | .00     | .00                               | .00                  |
| 3368                               | RAWSON & KEOUGH DITCH E/O HWY 395      | 92.00   | 92.00                             | 533.00               |
| 3369                               | RAWSON & KEOUGH DITCH RETURN AT A-DRAI | 38.00-  | 38.00-                            | 187.00-              |
| B38202                             | CASHBAUGH STOCKWATER                   | 12.40-  | 12.40-                            | 128.24-              |
| B38403                             | KEOUGH DITCH LOSS                      | 41.60-  | 41.60-                            | 217.76-              |
| B38301                             | OPERATIONS                             | .00     | .00                               | .00                  |
| *TOTALS                            | ACRES= 427 ALOT= 2135 LEFT= 70         | .00     | .00                               | 2064.54              |
| 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                               | 33.31                |
| BC3613                             | OPERATIONS                             | .00     | .00                               | .00                  |
| *TOTALS                            | ACRES= 26 ALOT= 130 LEFT= 96           | .00     | .00                               | 33.31                |
| RVRECA RECREATION MILL POND        |  |         |                                   |                      |
| MCGEE CREEK                        |  |         |                                   |                      |
| 3185                               | MCGEE CREEK @ ABELOUR RANCH            | 171.00  | 171.00                            | 1954.00              |
| 3235                               | MILL POND RETURN                       | 108.00- | 108.00-                           | 842.00-              |
| RRCA41                             | DITCH MAKE                             | .00     | .00                               | .00                  |
| *TOTALS                            |  | 63.00   | 63.00                             | 1112.00              |

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| 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<br>MAR<br>M-T-D | S I N C E<br>4/01/14 |
|--|--|--------|-----------------------------------|----------------------|
| LAE&MH FIVE BRIDGES RECHARGE<br>BISHOP CREEK CANAL   |  |        |                                   |                      |
| 3242   | BISHOP CREEK CANAL DIVERSION #2        | .00    | .00                               | 410.00               |
| LEMGE5   | MITIGATION WATER @ DIVERSION #4        | .00    | .00                               | .00                  |
| 3317   | BISHOP CREEK CANAL DIVERSION #6        | 13.00  | 13.00                             | 293.00               |
| LEMH2  | STOCKWATER @ DIVERSION #2 & #6         | 13.00- | 13.00-                            | 292.00-              |
| LEMH3  | OPERATIONS                             | .00    | .00                               | 411.00-              |
| *TOTALS  |  | .00    | .00                               | .00                  |
| BA353 HADELER & MILORADICH<br>WONACOTT & SMITH DITCH |  |        |                                   |                      |
| 3015   | WONACOTT A-1                           | 39.00  | 39.00                             | 652.00               |
| 3053   | TOMMY SMITH DITCH # 162-A              | .00    | .00                               | 91.00                |
| 3017   | WONACOTT A-2                           | 25.00- | 25.00-                            | 401.00-              |
| BA3534   | WONACOTT DITCH LOSS                    | 14.00- | 14.00-                            | 151.72-              |
| BA534  | DITCH MAKE                             | .00    | .00                               | .00                  |
| BA3533   | OPERATIONS                             | .00    | .00                               | .00                  |
| *TOTALS  | ACRES= 38 ALOT= 190 LEFT= 0            | .00    | .00                               | 190.28               |
| BA005A ONEY<br>OTey DITCH                            |  |        |                                   |                      |
| 3049   | # 161 OTEY                             | 41.00  | 41.00                             | 666.00               |
| 3377   | OTey DITCH RETURN AT MATLICK DITCH     | 39.00- | 39.00-                            | 635.00-              |
| B05A4  | DITCH LOSS                             | 2.00-  | 2.00-                             | 11.76-               |
| B05A42   | DITCH MAKE                             | .00    | .00                               | 1.00-                |
| *TOTALS  | ACRES= 13 ALOT= 39 LEFT= 20            | .00    | .00                               | 18.24                |
| BA005B SAFSTROM<br>MATLICK DITCH                     |  |        |                                   |                      |
| 3378   | OTey DITCH DIVERSION ABOVE MATLICK DIT | .00    | .00                               | 32.00                |
| B05B4  | DITCH LOSS                             | .00    | .00                               | 5.46-                |
| *TOTALS  | ACRES= 23 ALOT= 69 LEFT= 42            | .00    | .00                               | 26.54                |
| BA006A BARTON<br>MATLICK DITCH                       |  |        |                                   |                      |
| 3048   | # 61-A FRANK ROUFF                     | 14.00  | 14.00                             | 120.00               |
| B06A2  | STOCKWATER                             | 14.00- | 14.00-                            | 87.72-               |
| B06A3  | OPERATIONS                             | .00    | .00                               | .00                  |
| *TOTALS  | ACRES= 12 ALOT= 36 LEFT= 3             | .00    | .00                               | 32.28                |
| BA1479 HIDDEN CREEKS RANCH<br>SOUTH INDIAN DITCH     |  |        |                                   |                      |
| 3025   | SOUTH INDIAN DITCH DIVERSION # 3       | .00    | .00                               | 4.00                 |
| B14793   | OPERATIONS                             | .00    | .00                               | .00                  |
| *TOTALS  | ACRES= 27 ALOT= 81 LEFT= 77            | .00    | .00                               | 4.00                 |
| BA392 LACEY LIVESTOCK<br>YOUNG & MATLICK DITCHES     |  |        |                                   |                      |
| 3387   | MATLICK DITCH TO THE NORTH             | 36.00  | 36.00                             | 862.00               |
| 3398   | MATLICK DITCH #1                       | 87.00  | 87.00                             | 1866.00              |
| BA9242   | DITCH LOSS                             | 16.00- | 16.00-                            | 228.95-              |
| 3399   | REINHACKLE #1                          | 2.00   | 2.00                              | 259.00               |

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| 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<br>MAR<br>M-T-D | S I N C E<br>4/01/14 |
|--|---|---------|-----------------------------------|----------------------|
| -----                                  |   | -----   | -----                             | -----                |
| 3400                                   | YOUNG DITCH #1                              | 14.00   | 14.00                             | 348.00               |
| 3401                                   | YOUNG DITCH #2                              | 11.00-  | 11.00-                            | 296.00-              |
| 3406                                   | C-DRAIN AT INTAKE                           | 34.00-  | 34.00-                            | 1043.00-             |
| BA921                                  | MATLICK DITCH F-10                          | 78.00-  | 78.00-                            | 1278.00-             |
| BA924                                  | DITCH MAKE                                  | .00     | .00                               | .00                  |
| BA923                                  | OPERATIONS                                  | .00     | .00                               | .00                  |
| *TOTALS ACRES= 140 ALOT= 700 LEFT= 210 |   | .00     | .00                               | 489.05               |
|  |   |         |                                   |                      |
| BA301                                  | AUBREY & MOXLEY<br>NELLIGAN & YOUNG DITCHES |         |                                   |                      |
| 3396                                   | NELLIGAN DIV. #1                            | 25.00   | 25.00                             | 574.00               |
| 3397                                   | NELLIGAN BELOW DIV. #1                      | 25.00   | 25.00                             | 540.00               |
| 3401                                   | YOUNG DITCH #2                              | 11.00   | 11.00                             | 296.00               |
| 3050                                   | HOLLAND # 63-B                              | 14.00-  | 14.00-                            | 183.00-              |
| 3404                                   | NELLIGAN DITCH #2                           | 26.00-  | 26.00-                            | 679.00-              |
| 3402                                   | YOUNG DITCH #3                              | 12.00-  | 12.00-                            | 256.00-              |
| 3407                                   | YOUNG DITCH # 4                             | .00     | .00                               | .00                  |
| 3421                                   | TOM KEY DITCH ABOVE DIVERSION               | 18.00   | 18.00                             | 315.00               |
| 3422                                   | TOM KEY DITCH BELOW DIVERSION               | 17.00-  | 17.00-                            | 283.00-              |
| BA014                                  | DITCH LOSS                                  | 10.00-  | 10.00-                            | 64.65-               |
| BA0144                                 | DITCH MAKE                                  | .00     | .00                               | 4.00                 |
| BA013                                  | OPERATIONS                                  | .00     | .00                               | .00                  |
| *TOTALS ACRES= 99 ALOT= 495 LEFT= 231  |   | .00     | .00                               | 263.35               |
|  |   |         |                                   |                      |
| BA335                                  | PARTRIDGE & JOHNSON<br>YOUNG DITCH          |         |                                   |                      |
| 3402                                   | YOUNG DITCH #3                              | 12.00   | 12.00                             | 256.00               |
| 3407                                   | YOUNG DITCH # 4                             | .00     | .00                               | .00                  |
| 3403                                   | YOUNG DITCH RETURN TO NELLIGAN              | 7.00-   | 7.00-                             | 97.00-               |
| BA354                                  | DITCH LOSS                                  | 5.00-   | 5.00-                             | 80.98-               |
| BA353                                  | OPERATIONS                                  | .00     | .00                               | .00                  |
| *TOTALS ACRES= 30 ALOT= 150 LEFT= 71   |   | .00     | .00                               | 78.02                |
|  |   |         |                                   |                      |
| BACL                                   | BISHOP CONE CONVEYANCE LOSS                 |         |                                   |                      |
| BCCL1                                  | BA313 DITCH LOSS N INDIAN                   | 37.00   | 37.00                             | 516.35               |
| BCCL2                                  | BA313 DITCH LOSS WONACOTT                   | 1.00    | 1.00                              | 4.00                 |
| BCCL3                                  | BA324 DITCH LOSS N & S INDIAN               | 7.00    | 7.00                              | 239.08               |
| BCCL4                                  | BA1478 DITCH LOSS GEORGE                    | .00     | .00                               | 68.80                |
| BCCL5                                  | BA1478 DITCH LOSS N INDIAN                  | 35.00   | 35.00                             | 257.93               |
| BCCL6                                  | BARECF DITCH LOSS KINGSLEY                  | 11.00   | 11.00                             | 277.16               |
| BCCL7                                  | BA500 DITCH LOSS GEORGE                     | .00     | .00                               | 33.88                |
| BCCL8                                  | BA500 DITCH LOSS S INDIAN                   | 9.00    | 9.00                              | 178.67               |
| BCCL9                                  | BA361B DITCH LOSS MATLICK                   | 10.00   | 10.00                             | 285.67               |
| BCCL10                                 | BA338 DITCH LOSS FORD RAWSON                | .00     | .00                               | 723.63               |
| BCCL11                                 | BA353 DITCH LOSS WONACOTT                   | 14.00   | 14.00                             | 151.72               |
| BCCL12                                 | BA005A DITCH LOSS OTEY                      | 2.00    | 2.00                              | 11.76                |
| BCCL13                                 | BA301 DITCH LOSS NELLIGAN                   | 10.00   | 10.00                             | 64.65                |
| BCCL14                                 | BA335 DITCH LOSS YOUNG                      | 5.00    | 5.00                              | 80.98                |
| BCCL15                                 | TOTAL DITCH LOSS                            | 141.00- | 141.00-                           | 2894.28-             |
| *TOTALS                                |   | .00     | .00                               | .00                  |

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A C R E - F E E T  
MAR SINCE  
M-T-D 4/01/14  
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A C C O U N T S & S T A T I O N S

PERIOD

|                 |      |        |        |          |
|-----------------|------|--------|--------|----------|
| AREA SUMMARY    | IRG  | 101.00 | 101.00 | 15992.97 |
|                 | SW   | 277.34 | 277.34 | 3944.88  |
|                 | OPER | .00    | .00    | 411.00   |
|                 | E&M  | .00    | .00    | .00      |
|                 | GWRC | .00    | .00    | .00      |
|                 | REC  | 351.00 | 351.00 | 4980.84  |
|                 | IND  | .00    | .00    | .00      |
|                 | DOM  | .00    | .00    | .00      |
|                 | LORP | .00    | .00    | .00      |
| TOTAL WATER USE |      | 729.34 | 729.34 | 25329.69 |

TOTAL IRG AC 3997

TOTAL ALOT 19452

DUTY TO DATE 4.0 AF/AC