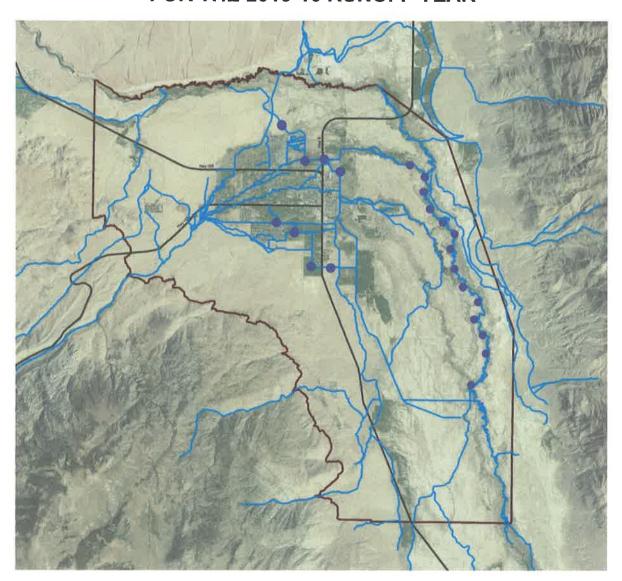
THE BISHOP CONE AUDIT FOR THE 2015-16 RUNOFF YEAR





Inyo County Water Department Report 2015-16 August 9, 2017

THE BISHOP CONE AUDIT FOR THE 2015-16 RUNOFF YEAR

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THE BISHOP CONE AUDIT FOR THE 2015-16 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 its 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 Angelesowned 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 groundwater for the purpose of export off the Bishop Cone.

Relevant language of the 1940 Hillside Decree is presented below (a link to the entire decree can be found at the ICWD's website at 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 Hillside Decree with relevant language quoted below (full text of the 1991 EIR, the Water Agreement and the Greenbook can be found at the ICWD's website at http://www.inyowater.org/documents/governing-documents/):

"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." (Water Agreement Section VII.A, 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 LADWP 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 (Use 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. Flow measurements are taken either manually or continuously using datalogging devices at these 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. ICWD staff gave a presentation on the Bishop Cone Audit to the Inyo County Water Commission on December 7, 2016, explaining the principles of the BCA in detail. A copy of the PowerPoint presented at the ICWC meeting can be found on the ICWD website: http://www.inyowater.org/wp-content/uploads/2016/12/Bishop-Cone-Audit-12 7 16.pdf

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 2014-15 and 2015-16. These water-usage amounts are a yearly total of the surface water coming onto a given lease minus the surface water leaving the lease. Overall, there was an increase in total water use on the Bishop Cone of 6,369 AF from 2014-15 to 2015-16. A majority of this increase was due to granting LADWP use credit for Stockwater and Ditch Losses that were previously denied credit (see explanation in following paragraphs).

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

LADWP ACCOUNT NUMBER ^{*2}	RUNOFF YEAR* ¹ 2014-2015 (AF)	RUNOFF YEAR*1 2015-2016 (AF)
BC502B (BA354B or BA362B)	739	764
BC302A	238	111
BC302B	522	1209
BC311	2566	3192
BC313	373	751
BC324	883	877
BC1478 (BAICR) *2	227	666
BC387A	480	425
BCRECF	136	233
BC339	197	487
BC393	65	112
BC362D	635	(No Credit) *3
BC304	54	126
BC500	691	888
BC397 (BA387B) *2	2648	3067
BC361A	1188	1202
BC361B	1223	2108
BC502A (BA354A or 362A) *2	59	355
BCRECA	425	475
BCRECC	0	0
BCRECD	3307	3788
BC338	2064	3368
BCOPRA	0	0
BCOPRB	0	0
BCRV361	33	153
BCRVRECA	1112	(No Credit) *3
BCLAEMH	0	704
BC353	190	271
BC005A	18	36
BC005B	26	31
BC006A	(No Credit) *3	108
BC1479 (BA342) *2	4	6
BC392	(No Credit) *3	771
BC301	263	365
BC335	78	171
TOTAL	20,452	26,821

- *1 A runoff year is defined as starting April 1st and ending March 31st of the following year.
- *2 Former account names listed in parenthesis; in 2015/16 "BA" prefix was changed to "BC"
- *3 Accounts need additional monitoring or diversion infrastructure to establish credit.
- 0 No use was reported; data was 0 acre-feet.

NO DATA - No data was reported for the account.

During fall 2016 through winter 2017, joint field visits to the active BCA accounts were conducted by ICWD and LADWP staff. Based on these visits and as a result of observations and discussion of past infrastructure workings, several accounts were either granted or denied credit retroactively for 2015/16 Audit. The accounts not given credit for 2015/16 are: BC362D and BCRVRECA. At both sites, ICWD staff deemed there to be insufficient flow monitoring, potentially allowing unmetered water to leave the account without proper quantification.

The accounts given credit (that had been previously denied) were Stockwater and Ditch Loss (BCCL). LADWP uses Stockwater and Ditch Loss as credits to its lessees to distinguish between surface water used for irrigation and not used for irrigation. However, the Audit's water balance is to determine the total amount of water used on the Bishop Cone between two metering devices. The Audit is not specifically concerned with where or how the water is used. Stockwater is simply water supplied to a parcel during the year for the purpose of providing surface water to stock instead of irrigation to grow plants; it is a distinction made by LADWP for the lessees but is a "Use" for the purpose of the Audit with properly metered water flowing through diversions onto an account and not exiting the account. Ditch Loss is a similar accounting distinction made by LADWP and its lessees; it is an estimation of the water that seeps into the ground from the Account's metering device prior to arriving at the actual surface water diversion point on the lease (these are sometimes large distances apart). The Ditch Losses are credited to the lessee to reflect water that cannot be used for irrigation. This water, however, is a Use for purposes of the BCA. The Stockwater and Ditch Loss estimates from previous BCA's have been replaced with the more rigorous and accurate calculation of subtracting flow onto each account from flow off of that account.

The data reporting format used by LADWP for the BCA has also been updated with approval from ICWD staff. The updated Use Report contained in Appendix C has been simplified by removing many of LADWP's internal, lessee-related notations. The new Use Report now contains totals of water entering and leaving a lease (the pertinent information for conducting the Audit). All flow monitoring stations were inspected during the 2016/17 field campaign.

Finally, ICWD staff continues to receive the previous LADWP version of the Use Report to check for historic consistency. The changes in Stockwater and Ditch Loss credits for BCA reporting are the primary reason 2015/16 Uses are substantially greater at the various accounts than 2014/15 Uses.

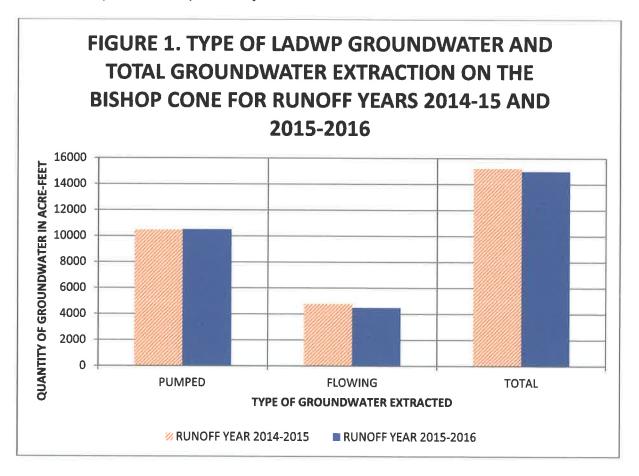
4.0 TOTAL LADWP GROUNDWATER EXTRACTION ON LADWP-OWNED LAND ON THE BISHOP CONE FOR RUNOFF YEARS 2014-15 AND 2015-16

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 2014-15 and 2015-16.

For runoff year 2014-15, LADWP extracted 15,299 AF of groundwater (10,468 AF from pumped wells and 4,761 from flowing wells). For runoff year 2015-16, LADWP extracted 14,988 AF of groundwater (10,505 AF from pumped wells and 4,483 AF from flowing wells).

LADWP groundwater extractions on the Bishop Cone for the 2015-16 runoff year decreased by 311 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 2FLOWING AND PUMPED GROUNDWATER BY WELL ON THE BISHOP CONE
IN RUNOFF YEAR 2015-16

WELL	FLOWING GROUNDWATER (AF)	PUMPED GROUNDWATER (AF)
F121	36	NA
F122	59	NA
F123	124	NA
F124	0	NA
F125	1046	NA
F126	270	NA
F127	387	NA
F128	266	NA
F129	82	NA
F130	366	NA
F131	615	NA
F132	335	NA
F133	316	NA
F134	543	NA
F136	38	NA
W410	NA	2513
W406	NA	1166
W371	NA	936
W411	NA	1329
W407	NA	990
W408	NA	1176
W140	NA	1253
W412	NA	1141
TOTAL	4,483	10,505

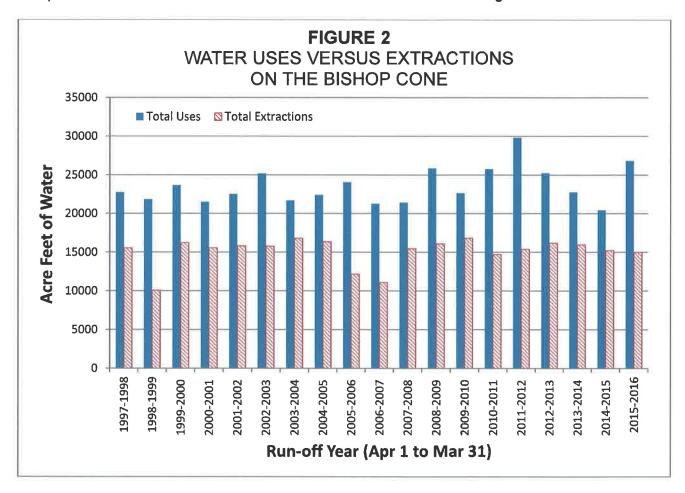
5.0 COMPLIANCE WITH THE INYO COUNTY/LOS ANGELES LONG-TERM GROUNDWATER MANAGEMENT AGREEMENT

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 2014-15 and 2015-16 as the total uses on the Bishop Cone exceeded the total groundwater extractions for each year.

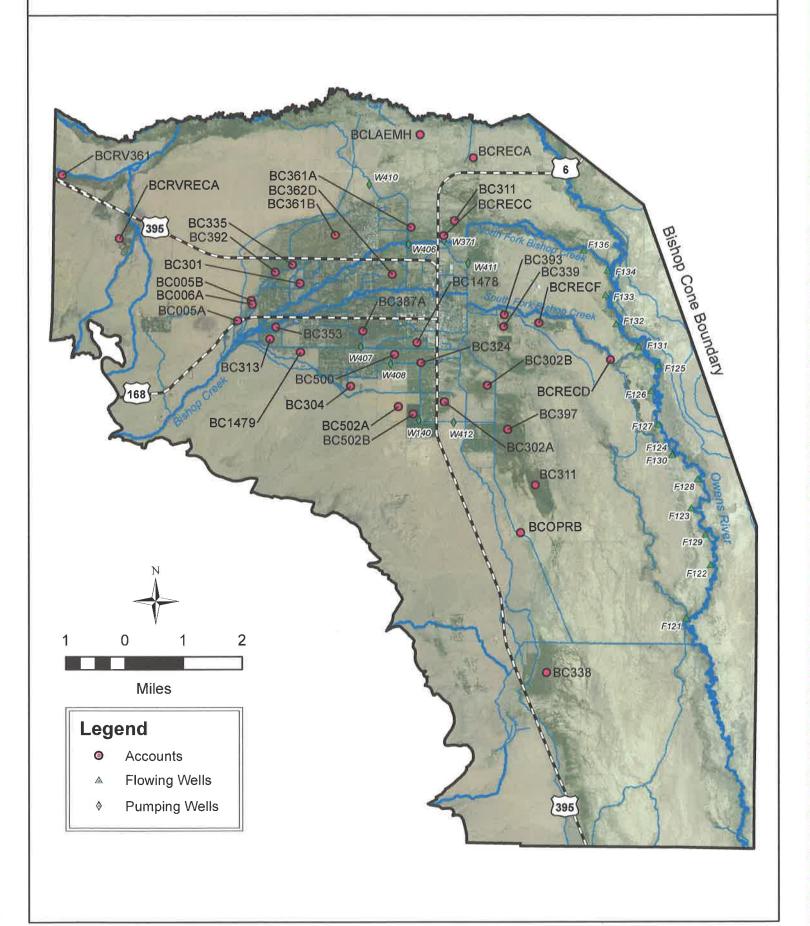
TABLE 3
LADWP USES IN COMPARISON TO LADWP GROUNDWATER
EXTRACTION ON THE BISHOP CONE

	RUNOFF YEAR 2014-15 (AF)	RUNOFF YEAR 2015-16 (AF)
TOTAL USES	20,452	26,821
TOTAL GROUNDWATER EXTRACTION	15,229	14,988
USES MINUS EXTRACTIONS	5,223	11,833
IN COMPLIANCE?	YES	YES

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.



Map 1. Bishop Cone Audit Features



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

COPY FOR YOUR INFORMATION **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

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

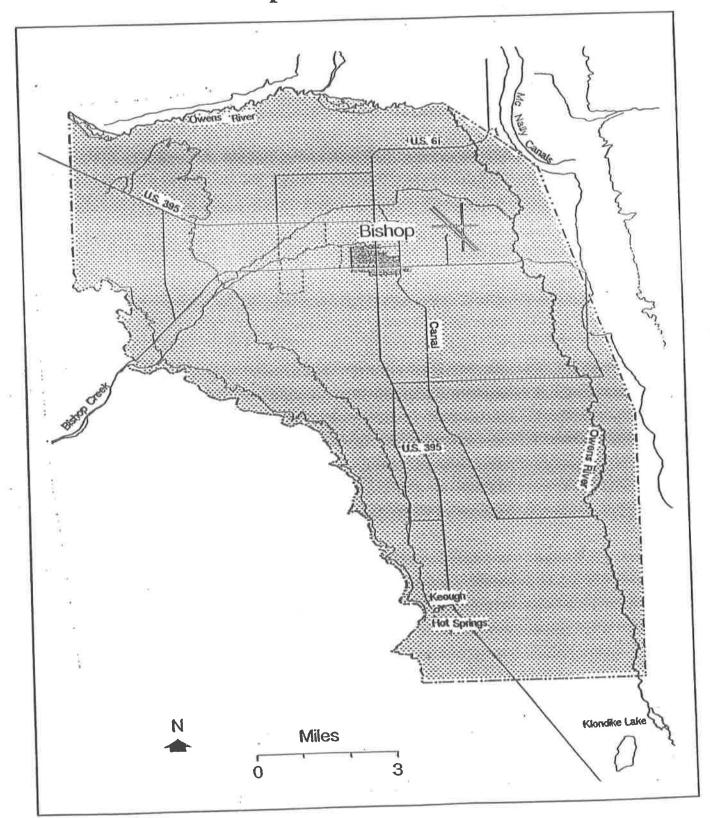
The Technical Group requests that the Standing Committee adopt the attached description as section IV.D of the Green Book.

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 Angelesowned 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 Angelesowned 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

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 30day 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)

2015/16 RUNOFF YEAR BISHOP CONE PUMPING WELL TOTALS

(ACRE-FEET)

MAY JUN 205 146 205 146 78 76 205 198 165 162 202 195 215 209 251 243 190 184 1511 1413		2015									2016			
200 205 146 175 201 193 88 0 0 0 78 78 76 78 78 75 81 78 80 80 200 205 198 201 197 166 0 0 0 0 159 165 167 167 164 160 14 0 0 0 0 211 215 209 193 214 207 214 207 214 214 91 251 243 251 250 241 3 0 0 0 185 190 184 188 187 180 2 0 0 0 1321 1511 1413 1426 1482 1412 424 285 295 294	/ELL	APR	MAY	NIN	TIME IN	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL
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200 205 198 201 197 166 0 0 0 0 159 165 162 167 164 160 14 0 0 0 198 202 195 174 192 191 23 0 0 0 211 215 209 193 214 207 214 214 214 91 251 243 251 250 241 3 0 0 0 185 190 184 188 187 180 2 0 0 0 1321 1511 1413 1426 1482 1412 424 285 295 294	371	78	78	9/	78	78	75	20	78	88	80	75	80	936
159 165 162 167 164 160 14 0 0 0 198 202 195 174 192 191 23 0 0 0 211 215 209 193 214 207 214 214 214 91 251 243 251 250 241 3 0 0 0 185 190 184 188 187 180 2 0 0 0 0 1321 1511 1413 1426 1482 1412 424 285 295 294	406	200	205	198	201	197	166	0	0	0	0	0	0	1166
198 202 195 174 192 191 23 0 0 0 211 215 209 193 214 207 214 207 214 214 91 251 243 251 250 241 3 0 0 0 185 190 184 188 187 180 2 0 0 0 1321 1511 1413 1426 1482 1412 424 285 295 294	407	159	165	162	167	164	160	14	0	0	0	0	0	066
211 215 209 193 214 207 214 207 214 <td>408</td> <td>198</td> <td>202</td> <td>195</td> <td>174</td> <td>192</td> <td>191</td> <td>23</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1176</td>	408	198	202	195	174	192	191	23	0	0	0	0	0	1176
91 251 243 251 250 241 3 0 0 0 185 190 184 188 187 180 2 0 0 0 1321 1511 1413 1426 1482 1412 424 285 295 294	410	211	215	209	193	214	207	214	207	214	214	200	214	2513
185 190 184 188 187 180 2 0 0 0 1321 1511 1413 1426 1482 1412 424 285 295 294	411	91	251	243	251	250	241	က	0	0	0	0	0	1329
1321 1511 1413 1426 1482 1412 424 285 295 294	412	185	190	184	188	187	180	2	0	0	0	0	56	1141
	DTAL	1321	1511	1413	1426	1482	1412	424	285	295	294	275	365	10505

2015/16 RUNOFF YEAR BISHOP CONE FLOWING WELL TOTALS

(ACRE-FEET)

	TOTAL	36	29	124	0	1046	270	387	266	82	366	615	335	316	543	38	4483
	MAR	က	2	11	0	94	23	34	22	7	31	54	29	27	20	ည	394
	FEB	က	4	6	0	68	21	31	21	ဖ	27	51	27	25	46	5	366
2016	JAN	က	4	10	0	88	22	32	22	7	59	51	28	27	48	ιΩ	376
	DEC	က	2	11	0	85	23	32	20	7	32	51	59	28	48	2	379
	NOV	က	2	10	0	83	23	32	20	7	33	53	28	29	47	4	378
	OCT	ო	S.	10	0	98	22	32	21	∞	34	52	29	56	45	m	376
	SEP	က	22	6	0	83	21	30	21	9	29	49	28	24	41	-	350
	AUG	က	2	10	0	98	23	32	23	7	30	49	28	25	40	-	361
	<u> 10L</u>	က	9	10	0	88	24	32	25	7	31	20	27	56	41	0	371
	NOC	က	22	10	0	87	22	33	25	9	29	20	27	25	43	_	366
	MAY	က	2	11	0	68	24	34	24	7	30	52	29	27	46	က	384
2015	APR	က	2	12	0	87	23	33	22	9	31	52	27	28	48	Ω.	383
	WELL	F121	F122	F123	F124	F125	F126	F127	F128	F129	F130	F131	F132	F133	F134	F136	TOTAL

STAID STATION NAME	+/-	2015 APR	MAY	JUN	11.11	AUG	SEP	ОСТ	NOV	DEC	2016 JAN	FEB	MAR	TOTAL APR-MAR
BC005A	- Alle	ALIX	IND'S I	0011	JOL	700	JLI	001	1101	DLO	UAIT	1 20	WIAK	AFINHIAN
3049 #161 OTEY		48	73	89	85	82	65	42	43	67	68	62	73	797
3377 OTEY DITCH RETURN AT MATLICK DITCH	(-)	47	69	83	82	70	58	41	43	69	66	61	72	761
		1	4	6	2	12	7	2	0	-2	2	1	1	36
BC005B														
3378 OTEY DITCH DIV. ABOVE MATLICK DITCH		4	4	6	6	7	4	0	0	0	0	0	0	31
		4	4	6	6	7	4	0	0	0	0	0	0	31
BC006A														
3048 #61-A FRANK ROUFF		10	22	21	18	20	15	2	0	0	0	0	0	108
3063 DUGGAN DITCH FLOW THROUGH	(-)	0 10	22	21	18	20	0 15	2	0	0	0	0	0	108
Formation														
BC1478 3002 GEORGE DITCH W. OF SUNLAND AVENUE		29	30	40	26	24	40	4	0	^	0	_	_	040
3264 NORTH INDIAN DITCH BELOW A-1 DRAIN B3A		121	186	40 115	36 128	34 98	42 79	1 86	0 75	0 111	0 79	0 71	0 66	212 1215
3068 GEORGE DITCH C-3	(-)	12	16	15	19	9	11	1	0	0	0	0	0	83
3370 NORTH INDIAN DIVERSION W/O SUNLAND	(-)	3	9	1	14	16	24	1	0	0	0	0	0	68
3364 NORTH INDIAN DITCH W/O HWY 395	(-)	51	74	68	49	34	22	59	34	68	52	45	55	611
		84	117	71	82	74	63	27	41	43	27	26	11	666
BC1479			_									-		
3025 SOUTH INDIAN DITCH DIVERSION #3		1	1_	1	1_	1	1_	0	0	0	0	0	0	6
		1	1	1	1	1	1	0	0	0	0	0	0	6
BC301														
3396 NELLIGAN DIV. #1		11	2	81	182	201	41	41	56	49	76	59	82	881
3397 NELLIGAN BELOW DIV. #1		13	34	50	56	44	25	32	23	10	14	15	26	342
3401 YOUNG DITCH #2		23	54	48	54	63	55	30	33	51	60	66	84	621
3421 TOM KEY DITCH ABOVE DIVERSION		30	44	56	48	42	34	23	18	24	16	31	25	391
3050 HOLLAND #63-B	(-)	7	10	12	32	30	16	17	15	10	18	17	21	205
3404 NELLIGAN DITCH #2	(-)	10	21	72	141	143	40	57	60	42	71	61	86	804
3402 YOUNG DITCH #3	(-)	11	26	25	35	37	38	34	38	54	64	77	85	524
3407 YOUNG DITCH #4	(-)	0	0	0	0	Q	0	0	0	0	0	0	0	0
3422 TOM KEY DITCH BELOW DIVERSION	(-)	26 24	39 40	47 79	91	36 104	26 35	20 -2	15	23	13	-13	23	338 365
Doggo														
BC302A 3006 HALL DITCH @ GOLF COURSE RETURN		17	21	24	17	14	17	1	0	0	0	0	0	111
		17	21	24	17	14	17	1	0	0	0	0	0	111
BC302B														
3161 BISHOP CK DITCH #16		59	47	40	51	67	69	26	26	29	24	34	35	507
3162 BISHOP CK DITCH #17		94	44	36	48	50	68	0	0	0	0	0	0	340
3164 BISHOP CK DITCH #20		17	41	42	40	53	36	37	29	15	21	21	12	364
3165 BISHOP CK DITCH #21		0	0	0	0	0	0	0	0	0	0	0	0	0
		169	132	118	139	169	173	63	55	44	45	55	47	1209
BC304	_								_		_	_		
3026 NEWLON DITCH BOYD PUMP PLANT		39 39	36 36	21	11	10	8	1	0	0	0	0	0	126 126
		39	J0		''	10		'	0	-	U		U	120
BC311		74	50	AE	40	60	74	_	^	^	_	_	_	050
3166 BISHOP CK DITCH #5 3022 BISHOP CK DITCH #5-A		71 73	59 68	45 65	40 57	63	74	0	0	0	0	0	0	352
3187 BISHOP CK DITCH #9		47				65	60	0	0	0	0	0	0	388
3168 BISHOP CK DITCH #30			41	82 213	82 270	50	60	0	0	0	0	0	0	362
3392 FORD RAWSON-DIV 1A		342 6	291 1	213	2/0	299 2	271 2	63 0	60 0	66 0	72	68 0	58 0	2073
3392 FORD RAVISON-DIV IA		538	461	405	456	478	467	63	60	66	72	68	58	19 3192
BC313														
3016 NORTH INDIAN DITCH ABOVE MUMY LANE #58	-E	215	526	475	476	424	275	174	126	158	135	123	130	3237
3017 WONACOTT A-2		21	24	40	103	47	22	30	22	31	22	19	22	403
3015 WONACOTT A-1	(-)	37	50	77	96	80	41	41	29	38	32	25	31	577
3054 WONACOTT A-3 RETURN	(-)	1	5	î	16	9	0	0	2	12	3	0	0	49
3051 WONACOTT #58-F	(-)	28	28	27	40	38	22	28	15	18	24	15	21	304
3018 NORTH INDIAN B-2	(-)	143	341	299	238	220	175	107	72	116	97	71	75	1954
	1.1	26	125	110	189	124	58	27	30	5	2	30	25	751

		2015									2016			TOTAL
STAID STATION NAME	+/-	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR-MAR
BC324 3370 NORTH INDIAN DIVERSION W/O SUNLAND		3	9	1	14	16	24	1	0	0	0	0	0	68
3270 SOUTH INDIAN DIVERSION VVO SONLAND		158	185	172	159	180	179	63	74	60	28	16	42	1316
3005 SOUTH INDIAN DITCH D-4	(-)	85	58	36	39	43	38	50	55	48	22	14	21	509
3003 000 111 INDIAN BITOTI D-4	(-)	76	135	137	135	153	165	15	19	12	6	3	21	877
BC335														
3402 YOUNG DITCH #3		11	26	25	35	37	38	34	38	54	64	77	85	524
3407 YOUNG DITCH #4		0	0	0	0	0	0	0	0	0	0	0	0	0
3403 YOUNG DITCH RETURN TO NELLIGAN	(~)	2	6	-5	9	8	14	29	26	54	59	70	69	351
		8	20	20	26	29	24	5	12	0	4	7	16	171
BC338								_	_		_	_	_	
2026 FORD RAWSON CANAL BELOW BISHOP CK CA	NAL	550	542	561	758	877	579	0	0	0	0	0	0	3867
3368 RAWSON & KEOUGH DITCH E/O HWY 395		62	46	33	24	15	15	26	29	33	33	30	40	386
2004 FORD RAWSON CANAL DIV. #7	(-)	133	126	99	171	151	72	0	0	0	0	0	0	752
2043 YRIBARREN RETURN #2	(-)		_	-	_	-		_	_	_	-	_	_	-
3369 RAWSON & KEOUGH DITCH RETURN AT A-DRA	(-)	29	18	13	10	4	11	6	9	9	11	9	11	130
		451	443	482	600	737	520	20	20	23	22	21	29	3368
BC339														
3170 KINGSLEY C-1		56	67	48	50	50	53	30	29	32	21	23	28	487
		56	67	48	50	50	53	30	29	32	21	23	28	487
BC353						-								
3015 WONACOTT A-1		37	50	77	96	80	41	41	29	38	32	25	31	577
3053 TOMMY SMITH DITCH #162-A		12	21	16	13	15	17	0	0	0	0	0	0	94
3017 WONACOTT A-2	(-)	21	24	40 54	103	47	22 36	30	22 7	31	22	19	10	403 271
		20	29.0	34	G	49	30	101		39	.90		10	201
BC361A		00	1 00	7.4	00			25	44	40		45	40	552
3036 NORTH FORK BISHOP CREEK I-1(#155 STANLE	Y IVIA	28	89	74	88	80	60	35	41	18	8	15	16	
3004 BISHOP CK N. FORK I-2		0	100	0	0	0	0	0	0	0	0	0	0	760
3316 IRRIGATION FROM WELL #406		131	189	113 7	47	169 8	72 13	1	0	0	0	0	39 0	760 57
3042 TATUM RETURN AT HIGHWAY 6 3039 TATUM RETURN AT BISHOP CK CANAL	(-) (-)	6 14	8 13	8	14 8	7	5	0	0	0	0	0	0	55
3039 TATOM RETORN AT BISHOP CR CANAL	(-)	139	258	172	114	234	113	35	41	18	8	15	55	1202
BC361B		_		_		_				_	_	_		
3009 MATLICK DITCH F-10		71	94	64	121	181	177	66	70	79	100	90	84	1197
3040 MATLICK DITCH F-13 N		16	31	43	40	84	33	59	73	87	134	126	138	864
3008 MATLICK DITCH F-13 E		0	1	5	37	26	12	1	2	0	0	0	6	90
3007 MATLICK DITCH F-14		4	Ó	2	2	6	5	5	4	1	3	2	12	46
3035 MATLICK DITCH #154		14	161	146	138	122	91	21	36	31	38	38	33	869
3154 SCHILDER RETURN G-2	(-)	1	0	0	0	2	3	0	0	0	0	0	7	13
3037 MATLICK DITCH #63-A	(-)	7	4	7	10	12	23	16	14	8	7	10	33	151
3038 TATUM RETURN H-1	(-)	1	0	6	14	26	3	0	0	0	0	0	0	50
3003 MATLICK DITCH RETURN @ B-1 DRAIN	(-)	0	1	1	1	1	1	4	11	6	7	5	10	48
3010 MATLICK RETURN TO "C" DRAIN	(-)	7	0	2	1	0	5	67	88	92	136	148	148	694
		87	283	244	314	377	284	64	72	91	125	93	74	2108
BC362D			_	_		_	_							
3388 INDIAN S. RETURN ON SEE-VEE LANE		46	136	114	132	88	67	28	20	42	28	43	41	785
3389 INDIAN MIDDLE RETURN ON SEE-VEE LANE		0	0	1	0	2	1	0	0	0	0	0	0	4
3390 INDIAN N. RETURN ON SEE-VEE LANE		31	58	52	43	8	8	12	2	.0	0	0	0	214
H- 1000-50		78	195	166	176	98	75	39	22	42	28	43	41	1003
BC387A 3043 NORTH INDIAN DITCH B-3		27	80	124	101	40	25	0	0	0	0	0	0	397
		0	12	5	0	9	20	0	0	0	0	0	0	28
3011 WEST LINE L-2		27	92	129	101	49	27	0	0	0	0	0	0	425
*******					1-17-17	. 6.50				1270				
3387 MATLICK DITCH TO THE N.		93	130	139	141	137	74	41	30	30	32	23	54	924
3398 MATLICK DITCH #1		116	138	105	149	209	171	85	92	99	100	84	57	1405
3399 REINHACKLE #1		12	7	22	12	26	12	7	2	1	1	0	6	108
3400 YOUNG DITCH #1		34	91	91	97	100	76	37	43	63	64	80	86	862
3424 MCLAREN TAILWATER		Õ	Ö	Ö	Ö	0	0	0	0	0	Ö	0	ő	0
3401 YOUNG DITCH #2	(-)	23	54	48	54	63	55	30	33	51	60	66	84	621
3406 C-DRAIN AT INTAKE	(-)	58	63	72	78	83	77	64	57	48	47	27	35	709
3009 MATLICK DITCH F-10	(-)	71	94	64	121	181	177	66	70	79	100	90	84	1197
		104	154	173	145	144	23	10	8	16	-10	3	1	77

STATION NAME 41. APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR BEGS38 3061 KINGSLEY DITCH PUMP DIV. AT DIV. #2 8 6 6 8 8 8 7 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL			2016	2								2015	:
3095 KINGSLEY DITCH PUMP DIV. AT DIV. #2	MAR APR-MA	MAR	FEB	JAN	DEC	NOV	OCT	SEP	AUG	JUL	JUN	MAY	APR	
30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4	٥	n	٥	n	n	0	5	7	8	8	6	8	
39 6 8 8 7 44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														
3181 SISHOP CK DITCH #199 3174 SISHOP CK DITCH #192 514 23 55 71 71 10 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0			0	0		0	0	44	7	8	В	6	39	
3174 BISHOP CK CANAL DIV. #24 85			-											
3019 BISHOP CK CANAL DIV, #24														
9020 BISHOP CK CANAL DIV. #25				_	_		_							
339 IBSHOP CK CANAL DIV. 26A			-					-						
3024 BISHOP CK CANAL DIV. #29		-	-	-									-	
108 47 473 603 553 507 446 33 68 69 51 113 68 47 43 43 605 6				-		_	_	_						
3012 GEORGE DITCH C-1 3058 PARK METURN S/O A-DRAIN 3058 PARK METURN S/O A-DRAIN 4						_	_			_				3024 BISHOP CK CANAL DIV. #29
3012 GEORGE DITCH C-1 3058 PARK METURN S/O A-DRAIN 3058 PARK METURN S/O A-DRAIN 4														2500
3047 4X - 58D 3396 SOUTH NIDIAN DITCH DIVERSION #1 N/O SCHOBER 0 0 0 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 43	0	0	0	0	0	1	77	71	63	74	42	106	
3396 SOUTH INDIAN DITCH DIVERSION #1 N/O SCHOBER 0 0 0 2 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	2 3	2	0	3	1	5	0	0	1	6	8	5	1	3365 PARK W. RETURN S/O A-DRAIN
3887 SOUTH INDIAN DITCH DIVERSION #2 NO SCHOBER	49 61	49	24	40	77	87	53	32	62	66	71	43	6	3047 4 X - 58D
498 WELL 408 3002 GEORGE DITCH W. OF SUNLAND AVENUE () 29 30 40 36 34 42 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0	0	0	0	0	0	0	1	2	2	0	0	3366 SOUTH INDIAN DITCH DIVERSION #1 N/O SCHOBER
3002 GEORGE DITCH W. OF SUNLAND AVENUE (1) 29 30 40 36 34 42 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 18	0	0	0	0	0	0	0	11	86	84	0	0	3367 SOUTH INDIAN DITCH DIVERSION #2 N/O SCHOBER
3046 SOUTH INDIAN RETURN AT A-1 DRAIN (-) 158 185 172 159 180 179 63 74 60 28 16 42 124 77 221 200 124 80 12 18 8 7 8 9 2502A 3027 HALL DITCH PUMP PLANT #2@DON TATUM LEASE(0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	23	191	192	174	195	202	198	408 WELL 408
3046 SOUTH INDIAN RETURN AT A-1 DRAIN (-) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	1	42	34	36	40	30	29	3002 GEORGE DITCH W. OF SUNLAND AVENUE (-)
3270 SOUTH INDIAN D-3 (-) 158 165 172 159 180 179 63 74 60 28 16 42 77 8 70 8 9 8 70 8 9 8 8 10 12 18 8 8 7 8 9 8 9 8 10 12 18 8 8 7 8 8 9 10 12 18 8 8 7 8 8 9 10 12 18 8 8 7 8 8 9 10 12 12 12 12 12 12 12 12 12 12 12 12 12		0	0	8	9	0	0	0	0	0	0	0	0	
124 77 221 200 124 80 12 18 8 7 8 9	-	_	_	-		74	63	179	180	159	172	185	158	
3027 HALL DITCH PUMP PLANT #2@DON TATUM LEASE 79 76 47 75 59 17 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					_									(/
3028 HALL DITCH PUMP PLANT #4 ĀT DON TATUM LEASE 79 76 47 75 59 17 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														C502A
The color of the	0	0	0	0	0	0	0	0	0	0	0	0	0	3027 HALL DITCH PUMP PLANT #2@DON TATUM LEASE(
3031 A-1 DRAIN PUMP PLANT #1 S/O HALL DITCH 110 151 86 100 108 127 62 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_	_										3028 HALL DITCH PUMP PLANT #4 AT DON TATUM LEASE
3031 A-1 DRAIN PUMP PLANT #1 S/O HALL DITCH 110 151 86 100 108 127 62 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 35	U	U	U	U	U	2	17	59	/5	4/	/6	79	
3032 A-1 DRAIN PUMP PLANT #3 AT WELL #140														
110	-	-	-										_	
2086 A-DRAIN DIV. TO ARKANSAS FLATS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				_										3032 A-1 DRAIN POMP PLANT #3 AT WELL #140
CRECC 3155 BISHOP CK DITCH #5-B 0 0 0 0 0 0 0 0 199 153 123 0 0 0 CRECC 3021 BISHOP CK CANAL DIV. #67 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									_					COPRB
3155 BISHOP CK DITCH #5-B 0 0 0 0 0 0 0 0 199 153 123 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														2086 A-DRAIN DIV. TO ARKANSAS FLATS
3155 BISHOP CK DITCH #5-B 0 0 0 0 0 0 0 0 199 153 123 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									_					CRECA
CRECC 3021 BISHOP CK CANAL DIV. #67 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 47	0	0	0	123	153	199	0	٥	۵	0	0	0	
3021 BISHOP CK CANAL DIV. #67 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														
CRECD 3194 SOUTH FORK BISHOP CREEK BELOW BISHOP CREE		_									-		_	CRECC
CRECD 3194 SOUTH FORK BISHOP CREEK BELOW BISHOP CREE 491 571 711 681 702 699 517 508 470 383 264 271 3193 SANDERS POND RETURN AT OWENS RIVER (-) 31 29 25 30 38 108 50 86 144 97 13 1 3066 RAWSON POND #3 RETURN TO OWENS RIVER (-) 84 115 125 154 275 212 212 197 112 146 111 85 376 427 562 497 389 378 256 225 214 139 140 185 CRECF 3023 KINGSLEY DITCH DIV. C-4 67 87 91 95 98 85 65 31 12 11 8 31 3183 CEMETERY DITCH AT E. LINE ST. (-) 27 55 41 52 66 53 50 38 31 12 7 15 40 32 50 43 32 32 15 -7 -20 -1 1 16 CLAEMH 3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2												_		3021 BISHOP CK CANAL DIV. #67
3194 SOUTH FORK BISHOP CREEK BELOW BISHOP CREE	0	0	0	0	0	0	0	0	0	0	0	0	0	
3193 SANDERS POND RETURN AT OWENS RIVER (-) 31 29 25 30 38 108 50 86 144 97 13 1 3066 RAWSON POND #3 RETURN TO OWENS RIVER (-) 84 115 125 154 275 212 212 197 112 146 111 85 376 427 562 497 389 378 256 225 214 139 140 185 CRECF 3023 KINGSLEY DITCH DIV. C-4 67 87 91 95 98 85 65 31 12 11 8 31 3183 CEMETERY DITCH AT E. LINE ST. (-) 27 55 41 52 66 53 50 38 31 12 7 15 40 32 50 43 32 32 15 -7 -20 -1 1 16 CLAEMH 3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0					170		- 47			201	744			
3066 RAWSON POND #3 RETURN TO OWENS RIVER (-) 84 115 125 154 275 212 212 197 112 146 111 85 185 187 187 187 187 187 187 187 187 187 187		271												
TRECF 3023 KINGSLEY DITCH DIV. C-4 3023 KINGSLEY DITCH AT E. LINE ST. (-) 27 55 41 52 66 53 50 38 31 12 7 15 40 32 50 43 32 32 15 -7 -20 -1 1 16 CLAEMH 3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 0 0 146 237 0 0 12 0 317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0	1 65	1												
3023 KINGSLEY DITCH DIV. C-4 3023 KINGSLEY DITCH DIV. C-4 3023 KINGSLEY DITCH AT E. LINE ST. (-) 27 55 41 52 66 53 50 38 31 12 7 15 40 32 50 43 32 32 15 -7 -20 -1 1 16 CLAEMH 3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0														3000 RAWSON FOND #3 RETURN TO OWENS RIVER (-)
3023 KINGSLEY DITCH DIV. C-4 3036 KINGSLEY DITCH DIV. C-4 3040 S2 50 43 52 66 53 50 38 31 12 7 15 40 32 50 43 32 32 32 15 -7 -20 -1 1 16 CLAEMH 3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0			_											DRECE
3183 CEMETERY DITCH AT E. LINE ST. (-) 27 55 41 52 66 53 50 38 31 12 7 15 40 32 50 43 32 32 15 -7 -20 -1 1 16 CLAEMH 3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0	31 68	31	8	11	12	31	65	85	98	95	91	87	67	
40 32 50 43 32 32 15 -7 -20 -1 1 16 CLAEMH 3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0														
3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0														, ,
3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2 0 0 0 0 0 146 237 0 0 12 0 3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6 18 37 25 41 33 41 32 28 24 28 2 0									_					CLAEMH
														3242 BISHOP CK CANAL DIV. TO 5 BRIDGES #2
														3317 BISHOP CK CANAL DIV. TO 5 BRIDGES #6
							.,,							
CRV361B 3102 HORTON CK E-7 0 0 72 60 21 0 0 0 0 0 0	0 15	0	0	0	0	0	0	0	21	60	72	0	n	
0 0 72 60 21 0 0 0 0 0 0														
CRVRECA			_		_									CRVRECA
3185 MCGEE CK AT ABERLOUR RANCH 154 193 175 172 152 149 189 204 208 190 188 223	223 219	223	188	190	208	204	189	149	152	172	175	193	154	
3235 MILL POND RETURN (-) 106 104 86 78 75 65 96 150 142 132 82 148			82	132							86	104	106	3235 MILL POND RETURN (-)
49 89 89 94 77 84 94 54 66 58 107 74														

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		2015									2016			TOTAL
STAID STATION NAME	+/-	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR-MAR
Bishop Cone Account Total Uses														
BC005A		- 1	4	6	2	12	7	2	0	-2	2	1	- 1	36
BC005B		4	4	6	6	7	4	0	0	0	0	0	0	31
BC006A		10	22	21	18	20	15	2	0	0	0	0	0	108
BC1478		84	117	71	82	74	63	27	41	43	27	26	-11	666
BC1479		- 1	- 1	1	- 1	1	- 1	0	0	0	0	0	0	6
BC301		24	40	79	91	104	35	-2	0	5	0	-13	2	365
BC302A		17	21	24	17	14	17	1	0	0	0	0	0	111
BC302B		169	132	118	139	169	173	63	55	44	45	55	47	1209
BC304		39	36	21	11	10	8	- 1	0	0	0	0	0	126
BC311		538	461	405	456	478	467	63	60	66	72	68	58	3192
BC313		26	125	110	189	124	58	27	30	5	2	30	25	751
BC324		76	135	137	135	153	165	15	19	12	6	3	21	877
BC335		8	20	20	26	29	24	5	12	0	4	7	16	171
BC338		451	443	482	600	737	520	20	20	23	22	21	29	3368
BC339		56	67	48	50	50	53	30	29	32	21	23	28	487
BC353		28	47	54	6	49	36	11	7	7	9	7	10	271
BC361A		139	258	172	114	234	113	35	41	18	8	15	55	1202
BC361B		87	283	244	314	377	284	64	72	91	125	93	74	2108
BC362D		78	195	166	176	98	75	39	22	42	28	43	41	1003
BC387A		27	92	129	101	49	27	0	0	0	0	0	0	425
BC392		104	154	173	145	144	23	10	8	16	-10	3	1	771
BC393		39	6	8	8	7	44	0	0	0	0	0	0	112
BC397		473	603	553	507	446	33	88	95	113	66	47	43	3067
BC500		124	77	221	200	124	80	12	18	8	7	8	9	888
BC502A		79	76	47	75	59	17	2	0	0	0	0	0	355
BC502B		110	151	86	100	108	127	62	20	0	0	0	0	764
BCOPRB		0	0	0	0	0	0	0	0	0	0	0	0	0
BCRECA		0	0	0	0	0	0	199	153	123	0	0	0	475
BCRECC		0	0	0	0	0	0	0	0	0	0	0	0	0
BCRECD		376	427	562	497	389	378	256	225	214	139	140	185	3788
BCRECF		40	32	50	43	32	32	15	-7	-20	-1	1	16	233
BCLAEMH		18	37	25	41	33	41	178	265	24	28	14	0	704
BCRV361B		0	0	72	60	21	0	0	0	0	0	0	0	153
BCRVRECA		49	89	89	94	77	84	94	54	66	58	107	74	935
BCAUDIT		3275	4153	4201	4304	4228	3008	1318	1239	931	659	699	744	28759