

Bighorn-Desert View Water Agency



Board of Directors

Michael McBride, President
J. Dennis Staley, Vice President
Judy Corl-Lorono, Secretary
Terry Burkhardt, Director
J. Larry Coulombe, Director

Marina D West, PG, General Manager

Agency Office

622 S. Jemez Trail
Yucca Valley, CA 92284-1440

760/364-2315 Phone

760/364-3412 Fax

A Public Agency

www.bdvwa.org

Board of Directors Regular Meeting Agenda

Tuesday, July 25, 2017 - 6:00 p.m.

Board Meeting Office

1720 N. Cherokee Trail, Landers, CA 92285

Note: The Board Meeting will also be Teleconferenced from the following Public Locations:
1930 Alta Vista Circle, Lakeland FL 33810

1. **Call To Order**
2. **Pledge of Allegiance**
3. **Roll Call**
4. **Approval of Agenda**

Discussion and Action Items - The Board of Directors and Staff will discuss the following items, and the Board will consider taking action, if so inclined.

The Public is invited to comment on any item on the agenda during discussion of that item.

When giving your public comment, please have your information prepared. If you wish to be identified for the record then please state your name. Due to time constraints, each member of the public will be allotted three-minutes to provide their public comment.

5. **Morongo Basin Conservation Association 2017 Desert-Wise Landscape Tour Update Presentation Item.**
6. **Public Hearing: Resolution 17R-XX – A Resolution Confirming Reports of Delinquent Accounts for Basic Service Charges, Water Charges, Revenue Bond Surcharges, Delinquent Fees and Processing Fees and Authorizing Placement of Property Liens**

**of the Secured Tax Rolls of San Bernardino County for Collection of Delinquencies
Within Bighorn-Desert View Water Agency**

Board considers taking the following action(s):

1. Review staff report, and note any letters received; and
2. Receive questions from the Board of Directors; and
3. Open public hearing; and
4. Receive public comments; and
5. Close public hearing; and
6. Board discussion of public comments received; and
7. Board to consider adopting Resolution No. 17R-XX – Confirming reports of delinquent accounts for basic service charges, water charges, revenue bond surcharges, delinquent fees and processing fees AND authorizing the placement of property liens on the secured tax rolls of San Bernardino County for collection of delinquencies within Bighorn-Desert View Water Agency.

7. Receive and File the Local Agency Formation Commission Countywide Service Review for Water – South Desert Region

8. Uncollectable Fiscal Year 2009-2010 Secured Property Tax Liens

Board considers taking the following action(s):

1. Authorize Bad Debt Write-off in the Amount of \$3,456.13 for Uncollectable Secured Property Tax Liens.

9. Consent Items – The following items are expected to be routine and non-controversial and will be acted on by the Board at one time without discussion, unless a member of the Public or member of the Board requests that the item be held for discussion or further action.

- a. Financial Statements June 2017
 1. Balance Sheet
 2. Budget Status
 3. Cash Balance Distribution for LAIF and/or Pacific Western Bank.
- b. Receive and File Bank Reconciliation (Check Disbursements) June 2017
- c. Unrestricted and Restricted Goat Mtn. Cash Account Summary
- d. Service Order Report, June 2017
- e. Production Report, June 2017
- f. Goat Mtn. Production Report, June 2017
- g. Regular Board Meeting Minutes, June 27, 2017
- h. Approval of Fiscal Year End (FYE) 2016/17 Bad Debt Expenses "Write-Off" in the amount of \$44.75.

Recommended Action:

Approve as presented (Items a - h):

10. Matters Removed From Consent Items

11. Public Comment Period

Any person may address the Board on any matter within the Agency's jurisdiction on items not appearing on this agenda.

When giving your public comment, please have your information prepared. If you wish to be identified for the record then please state your name. Due to time constraints, each member of the public will be allotted three-minutes to provide their public comment. State

Law prohibits the Board of Directors from discussing or taking action on items not included on the agenda.

12. Verbal Reports - Including Reports on Courses/Conferences/Meetings.

- a. General Manager Report
- b. Director Reports
- c. President Report

13. Adjournment

In accordance with the requirements of California Government Code Section 54954.2, this agenda has been posted in the main lobby of the Bighorn-Desert View Water Agency, 622 S. Jemez Trail, Yucca Valley, CA not less than 72 hours if prior to a Regular meeting, date and time above; or in accordance with California Government Code Section 54956 this agenda has been posted not less than 24 hours if prior to a Special meeting, date and time above.

As a general rule, agenda reports or other written documentation has been prepared or organized with respect to each item of business listed on the agenda.

Copies of these materials and other discloseable public records in connection with an open session agenda item, are also on file with and available for inspection at the Office of the Agency Secretary, 622 S. Jemez Trail, Yucca Valley, California, during regular business hours, 8:00 A.M. to 4:30 P.M., Monday through Friday. If such writings are distributed to members of the Board of Directors on the day of a Board meeting, the writings will be available at the entrance to the Board of Directors meeting room at the Bighorn-Desert View Water Agency.

Internet: Once uploaded, agenda materials can also be viewed at www.bdvwva.org.

Public Comments: You may wish to submit your comments in writing to assure that you are able to express yourself adequately.

Per Government Code Section 54954.2, any person with a disability who requires a modification or accommodation, including auxiliary aids or services, in order to participate in the meeting, should contact the Board's Secretary at 760-364-2315 during Agency business hours.

AGENDA ITEM # 6

**BIGHORN-DESERT VIEW WATER AGENCY
AGENDA ITEM SUBMITTAL**

Meeting Date: July 25, 2017

To: Board of Directors

Budgeted: N/A

Budgeted Amount: N/A

Cost: \$0

Funding Source: Secured Property Liens

From: Marina D. West

General Counsel Approval: Obtained

CEQA Compliance: N/A

Subject: Public Hearing: Resolution No 17R-XX: A Resolution Confirming Reports of Delinquent Accounts for Basic Service Charges, Water Charges, Revenue Bond Surcharges, Delinquent Fees and Processing Fees AND Authorizing Placement of Property Liens on the Secured Tax Rolls of San Bernardino County for Collection of Delinquencies within Bighorn-Desert View Water Agency

SUMMARY

Each May/June the Agency summarizes the report of Bad Debt expenses owed for the prior year period and prepares for the submission of a collections report to the County of San Bernardino for inclusion on the secured tax rolls. Currently, the total amount to be forwarded to the County of San Bernardino for collections on the 2017/2018 tax bill is \$47524.56

On May 5, 2017 each delinquent property owner was sent a final notice of delinquency. This letter served to inform each owner of the pending property tax lien and the amount owed to the Agency to avoid the lien. As required, the letter was mailed regular first class. A required public notice was also placed on file with the Hi Desert Star newspaper for publishing on July 6, 2017 and July 13, 2017.

RECOMMENDATION

That the Board considers taking the following action(s):

1. Review staff report, and note any letters received;
2. Receive questions from the Board of Directors;
3. Open public hearing;
4. Receive public comments;
5. Close public hearing;
6. Board discussion of public comments received;
 - a. Board to consider approving Resolution No. 17R-XX - Confirming reports of delinquent accounts for Basic Service Charges, water charges, revenue bond surcharges, delinquent fees and processing fees AND authorizing the placement of property liens on the secured tax rolls of San Bernardino County for collection of delinquencies within Bighorn-Desert View Water Agency.

BACKGROUND/ANALYSIS

On May 1, 2017 one-hundred and fifty-five (155) properties were identified as being excessively delinquent with a combined outstanding debt of \$58750.50. On May 5, 2017 these property owners were mailed a letter warning of the pending hearing for placement of the debt as a property tax lien. One-hundred and twenty (120) delinquent properties remain unpaid with a total outstanding debt of \$47524.56. This is the seventh consecutive lien year.

The final step in the notification process, prior to the Public Hearing, is to publish a legal notice in a final effort to notify the responsible parties. The legal notice was published on July 6 and July 13, 2017. The County of San Bernardino has set August 10, 2017 as the deadline for submitting the Special Assessment to the 2017/18 Tax Rolls with September 1, 2017 being the deadline for all corrections.

PRIOR RELEVANT BOARD ACTION(S)

Annual Action

RESOLUTION NO. 17R-XX

A RESOLUTION OF THE BOARD OF DIRECTORS OF BIGHORN-DESERT VIEW WATER AGENCY CONFIRMING REPORTS OF DELINQUENT ACCOUNTS FOR BASIC SERVICE CHARGES, WATER CHARGES, REVENUE BOND SURCHARGES, DELINQUENT FEES AND PROCESSING FEES AND AUTHORIZING THE PLACEMENT OF PROPERTY LIENS ON THE SECURED TAX ROLLS OF SAN BERNARDINO COUNTY FOR COLLECTION OF DELINQUENCIES WITHIN BIGHORN-DESERT VIEW WATER AGENCY

WHEREAS, the Board of Directors of the Bighorn-Desert View Water Agency resolves as follows:

SECTION 1:

The Board of Directors of the Bighorn-Desert View Water Agency finds and declares as follows:

- A. On May 5, 2017 the General Manager did cause written notification to be mailed, by first class U.S. Mail, to such delinquent customers that public notices would be placed in the local newspaper on July 6, 2017 and July 13, 2017 and that a public hearing would be held on July 25, 2017; and
- B. On July 3, 2017, public notices were placed in the local newspaper and published on July 6, 2017. Also on July 10, 2017, public notices were placed in the local newspaper and published on July 13, 2017.

SECTION 2:

The Board of Directors of the Bighorn-Desert View Water Agency resolves that the following delinquent accounts will be placed on the (2017/2018) Secured Property Tax Roll of the County of San Bernardino Tax Collector:

Dill William G Jr	0635-041-28	\$400.84
BCSI INC	0635-041-12	\$400.84
Brumble Leilani	0635-061-60	\$193.28
Crossen Jacklen Sue	0635-061-18	\$177.81
Bates Tr Lucille M	0635-031-16	\$338.28
Boswell James S	0635-031-23	\$467.44
Liebig William C	0635-521-37	\$400.84
Parriott Lyle	0635-511-05	\$400.84
Heredia Jesus	0629-382-02	\$400.84
Ellison Ron	0629-394-02	\$400.84
Taylor W Dan	0629-372-05	\$400.84
Andre Marie E	0629-352-01	\$400.84
R Land Conservancy LLC	0629-352-19	\$400.84
Static Wayne D	0629-342-04	\$400.84
Kindig Charles R	0629-352-35	\$400.84

Bronk Nina	0629-352-42	\$694.20
Balcom Tr Grace K	0629-352-07	\$400.84
Conway Martha E	0629-352-12	\$526.16
Hopper Warren D	0629-321-31	\$936.09
Atayde Lydia A	0629-292-40	\$400.84
Leitch Julian B	0629-292-46	\$400.84
Jones Mike D	0629-301-38	\$400.84
Grodean Martha	0629-312-48	\$308.28
Whitby Andrew	0629-311-35	\$400.35
Harvey William A	0629-311-18	\$285.84
Harvey William	0629-311-18	\$557.39
Guzman Refugio O	0629-302-29	\$400.84
Digalizia Liza M	0629-292-04	\$400.84
Podsadecki John C	0629-322-50	\$368.28
Liv Tr Mc Kissic Ella S	0630-021-32	\$400.84
Curtis Lv Tr Rice Bradley	0630-011-02	\$400.84
Of Pinewood Series Q	0631-061-13	\$428.28
Gross Duaine	0631-061-47	\$400.84
Stone Claire	0631-061-37	\$400.84
Lopez Ricky Joe	0630-011-19	\$400.84
Napier Denise	0630-032-22	\$400.84
Dunn Kevin	0630-051-37	\$400.84
Graf Mike Politano	0630-082-18	\$400.84
Rising Phoenix Group LLC	0630-051-62	\$400.84
Powell James L	0630-051-10	\$400.84
Triangle H 063** Trust	0630-062-27	\$400.84
Miller Ruby M	0630-071-16	\$400.84
Mack Barry Etal	0630-061-27	\$400.84
Etal Guiterrez Pedro A	0629-291-75	\$421.84
Adams Susan and Bill	0629-281-36	\$459.40
Bredwick Leslie	0629-281-15	\$351.07
Parimore Raymond L	0629-281-33	\$459.40
Venoble Deborah J	0629-282-10	\$459.40
Wong Gene S Et A	0629-291-25	\$459.40
Musial Karena	0629-281-57	\$459.40
Williamson Edgar	0629-271-57	\$459.40
Jernigan Tr Brent L	0629-451-30	\$571.06
Hayek David A	0629-341-15	\$459.40
Lambert Steven A	0629-072-51	\$314.40
Shipley Christine D	0629-232-22	\$459.40
Esse Wyman	0629-231-59	\$164.29
Cushingham June	0629-123-02	\$459.40
Cushingham June B	0629-123-01	\$459.40
Bales Olen R	0629-051-14	\$459.40

Schmidt Brad	0629-051-35	\$459.40
Baatz Louise M Trust 99	0629-021-59	\$459.40
Vargas Irrevocable Trust	0629-431-17	\$399.53
Ezell Family Trust 10-6-98	0629-431-13	\$459.40
Del Campo Estefania Martin	0630-031-13	\$433.34
Green Tree Serv. LLC	0629-032-22	\$426.84
MAULLER PATRICIA	0630-091-02	\$246.04
PENN NOAH & ANA	0630-092-21	\$408.60
CASILLAS HECTOR	0630-101-06	\$403.60
TAYLOR JAMES	0630-121-07	\$400.84
OF PINWOOD ENTRPRS SERIES Q	0630-131-04	\$400.84
WILSON DENNIS & JUDY	0630-131-05	\$400.84
ABENOJA RICHARD	0630-132-06	\$113.60
JENKINS JAN	0630-151-12	\$400.84
HERNANDEZ MARIO ROBLES	0630-162-11	\$384.42
RUSSELL TRUST RUSSELL	0630-251-07	\$398.60
GONZALEZ VICTOR	0630-172-09	\$400.84
ROLAND NANCY	0630-182-15	\$308.28
NELSON MARY & MURL	0630-191-09	\$400.84
NELSON MARY & MURL	0630-192-14	\$400.84
HAMILTON ARTHUR	0630-201-03	\$403.60
TAYLOR RALPH	0630-211-15	\$468.42
PARSONS WENDY	0630-221-25	\$428.60
JERRY TRANUM ESTATE OF	0630-221-37	\$403.60
MILLER-BOYER JULIANNE & ROD	0630-231-33	\$125.52
VAN CAMP WILLIAM J	0630-241-25	\$403.60
WYATT CATHY	0630-241-30	\$265.16
Smith Sandra Etal	0630-241-32	\$403.60
MILLS SHERRIE	0630-241-42	\$403.60
KUJAHN H J	0630-251-02	\$403.60
DENNIS WILKINSON RICHARD &	0630-251-33	\$403.60
WILL GEORGIA	0630-261-23	\$403.60
ROBINSON DON	0630-271-04	\$403.60
JIMENEZ RICKY	0630-271-06	\$403.60
ANDERSON SCOTT	0630-281-50	\$368.28
BULLOUGH JIM	0630-291-13	\$403.60
SCHUETZ DALE	0630-291-23	\$386.04
SETTLES CHARLES	0630-291-36	\$403.60
SALCIDO ROBERT	0630-292-09	\$328.60
MYRICK MARK C	0630-292-30	\$403.60
AYALA JOAQUIN	0630-302-40	\$403.60
SOLACE CHESTON	0631-181-31	\$400.84
SHARGHI ABBAS	0631-182-14	\$400.84

TRAN VINH	0631-191-08	\$400.84
PRADHAN ANIS	0630-252-21	\$403.60
YUCCA MESA LLC	0630-162-13	\$400.84
YUCCA MESA LLC	0630-171-03	\$400.84
LISA FIELDS ESTATE OF	0631-192-45	\$403.60
Jones MA Liv. Trust	0630-191-06	\$400.84
Flores Monica Macias	0630-262-06	\$403.60
Aldecoa Joe	0630-193-05	\$258.28
Lopez Maricela Barragan	0629-101-07	\$529.82
Realty Ica	0629-421-28	\$559.40
Goldstein David	0630-071-32	\$270.65
Morgan Dashe	0635-071-26	\$796.31
Pynn Matthew	0629-231-55	\$211.18
Kenneth Williams	0630-011-46	\$141.22
Christopher Barker	0630-031-04	\$128.28
Masumi Tsurutani	0630-142-04	\$125.52
Russell Trust	0630-171-14	\$117.77
Steven Kanallakan	0629-291-69	\$459.40

PASSED, APPROVED AND ADOPTED by the Board of Directors of Bighorn-Desert View Water Agency this 25th day of July 2017, by the following roll call vote:

AYES:

NAYES:

ABSTAIN:

ABSENT:

BY _____
Michael McBride, Board President

ATTEST:
By _____
Judy Corl-Lorono, Board Secretary

PROOF OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA
County of San Bernardino

This space is for the County Clerk's Filing Stamp

Proof of Publication
ANNOUNCEMENT OF PUBLIC HEARING
RESOLUTION NO. 17R-XX

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of the:

HI-DESERT STAR

a newspaper of general circulation, printed and published BI-WEEKLY in the City of YUCCA VALLEY County of San Bernardino, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of San Bernardino, State of California,

under the date of November 27, 1961.

Case Number 107762: that the notice, of which the annexed is printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in supplement thereof on the following dates, to-wit:

07/06
in the year 2017

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at: YUCCA VALLEY, California,
this 6TH day of JULY, 2017.


Signature
AUDRI LITTLE

"ANNOUNCEMENT OF PUBLIC HEARING"

JULY 25, 2017 AT 6 PM
BIGHORN-DESERT VIEW WATER AGENCY
BOARD MEETING OFFICE
720 N. CHEROKEE TRAIL, LANDINGS, CA 92285

NOTICE OF INTENT BY THE BOARD OF DIRECTORS OF THE BIGHORN-DESERT VIEW WATER AGENCY TO CONSIDER ADOPTING A RESOLUTION CONFIRMING THE REPORT OF DELINQUENT ACCOUNTS FOR BASIC SERVICE CHARGES, WATER CHARGES, REVENUE BOND SURCHARGES, DELINQUENT FEES AND PROCESSING FEES. IF APPROVED IT WOULD AUTHORIZE THE PLACEMENT OF THE PROPERTY LIENS ON THE SECURED TAX ROLLS OF SAN BERNARDINO COUNTY FOR COLLECTION OF DELINQUENCIES WITHIN BIGHORN-DESERT VIEW WATER AGENCY.

RESOLUTION NO. 17R-XX

A RESOLUTION OF THE BOARD OF DIRECTORS OF BIGHORN-DESERT VIEW WATER AGENCY CONFIRMING REPORTS OF DELINQUENT ACCOUNTS FOR BASIC SERVICE CHARGES, WATER CHARGES, REVENUE BOND SURCHARGES, DELINQUENT FEES AND PROCESSING FEES AND AUTHORIZING THE PLACEMENT OF PROPERTY LIENS ON THE SECURED TAX ROLLS OF SAN BERNARDINO COUNTY FOR COLLECTION OF DELINQUENCIES WITHIN BIGHORN-DESERT VIEW WATER AGENCY

WHEREAS, the Board of Directors of the Bighorn-Desert View Water Agency resolves as follows:

SECTION 1:
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A. On May 5, 2017 the General Manager did cause written notification to be mailed, by first class U.S. Mail, to such delinquent customers that public notices would be placed in the local newspaper on July 6, 2017 and July 13, 2017 and that a public hearing would be held on July 25, 2017; and

B. On July 3, 2017, public notices were placed in the local newspaper and published on July 6, 2017. Also on July 10, 2017, public notices were placed in the local newspaper and published on July 13, 2017.

SECTION 2:
The Board of Directors of the Bighorn-Desert View Water Agency resolves that the following delinquent accounts will be placed on the 2017/2018 Secured Property Tax Roll of the County of San Bernardino Tax Collector:

DE William G Jr	0635-041-28	\$400.84	Enel Family Trust	10-4-84029-431-13	\$459.40
BCSI INC	0635-041-12	\$400.84	Del Campo Estefania Martin	0630-031-13	\$433.34
Brumble Leland	0635-081-50	\$193.28	Green Tree Serv. LLC	0629-032-22	\$428.84
Crossen Jackson Sue	0635-081-18	\$177.81	MAULLER PATRICIA	0630-081-02	\$248.04
Bates Tr Lucille	0635-081-18	\$338.28	PENY NOAH & ANA	0630-082-21	\$408.80
Brownell James	0635-081-18	\$407.84	CASILLAS JECTOR	0630-101-08	\$403.60
Libby William G	0635-021-37	\$400.84	LYALL JAMES	0630-121-07	\$420.84
Parlett Lyle	0635-611-05	\$400.84	OF PINWOOD ENTERPRISES SERIES G	0630-131-04	\$400.84
Hernandez Jesus	0629-382-02	\$400.84	WILSON DENNIS & JUDY	0630-131-05	\$400.84
Elison Ron	0629-394-02	\$400.84	ABENOLA RICHARD	0630-132-06	\$200.84
Taylor W Dan	0629-372-05	\$400.84	JENKINS JAN	0630-151-12	\$400.84
Andre Marie	0629-352-01	\$400.84	HERNANDEZ MARIO ROBLES	0630-162-11	\$384.42
R Land Conservancy LL	0629-352-19	\$400.84	RUSSELL TRUST RUSSELL	0630-291-07	\$398.80
Bates Wayne D	0629-342-04	\$400.84	GOZALEZ VICTOR	0630-172-08	\$400.84
Kindig Charles R	0629-352-35	\$400.84	ROLAND NANCY	0630-182-15	\$308.28
Crouch Clemence H &	0629-342-61	\$400.84	NELSON MARY & MURL	0630-181-08	\$400.84
Brink Nina	0629-352-42	\$694.20	NELSON MARY & MURL	0630-192-14	\$400.84
Balcom Tr Grace K	0629-352-07	\$400.84	HAMILTON ARTHUR	0630-201-03	\$403.60
Conway Martha E	0629-352-12	\$628.18	TAYLOR RALPH	0630-211-15	\$488.42
Hogger Warren D	0629-321-31	\$308.09	PARSONS WEDDY	0630-221-25	\$428.80
Aaseth Lydia A	0629-282-40	\$400.84	JERRY TRAMM ESTATE OF	0630-221-07	\$420.84
Lathrop John B	0629-282-48	\$400.84	MILLER-BOYER JULIANNE & ROD	0630-231-33	\$128.52
Jones Mike D	0629-301-38	\$400.84	VAN CAMP WILLIAM J	0630-241-25	\$402.80
Groderman Martha	0629-312-48	\$308.28	WYATT CATHY	0630-241-30	\$286.18
Whitney Andrew	0629-311-32	\$400.84	Smith Sandra Elai	0630-241-32	\$403.60
Harvey William A	0629-311-18	\$286.84	MILLS SHEPPIE	0630-241-42	\$403.60
Harvey William	0629-311-18	\$587.39	SMITH JIM D	0630-251-02	\$403.60
Guzman Refugio O	0629-302-29	\$400.84	DEWIS WILKINSON RICHARD &	0630-261-33	\$403.60
Diggle Liza M	0629-292-04	\$400.84	WILL GEORGIA	0630-261-23	\$403.60
Potsdack John C	0629-322-60	\$388.28	ROBINSON DON	0630-271-04	\$403.60
Liv Tr Mc Kaste Ella B	0630-021-35	\$400.84	JIMENEZ RICKY	0630-271-08	\$403.60
Curtis Ly Tr Rose Bradley	0630-011-03	\$400.84	ANDERSON SCOTT	0630-281-02	\$388.28
OF Pinewood Series G	0631-081-13	\$438.38	BULLOUGH JIM	0630-291-13	\$403.60
Gross Duane	0631-081-47	\$400.84	SCHUTZ DALE	0630-291-03	\$388.04
Stone Claire	0631-081-37	\$400.84	SEITL CHARLES	0630-291-36	\$403.60
Lopez Ricky Joe	0630-011-18	\$400.84	SALCIDO ROBERT	0630-292-09	\$338.60
Brown Shirley I	0630-022-49	\$400.84	MYRICK MARK C	0630-292-30	\$403.60
Negley Denise	0630-022-92	\$400.84	AYALA JOAQUIN	0630-302-40	\$403.60
Dunn Kevin	0630-061-37	\$400.84	SOLACE CHESTON	0631-181-31	\$400.84
Graf Mike Poltano	0630-062-18	\$400.84	SHARGH ABASAS	0631-182-14	\$400.84
Reid Phoenix Group LLC	0630-061-62	\$400.84	MAJAM PATRICIA	0631-182-21	\$438.01
Powell James L	0630-051-10	\$400.84	TRAN YIM	0631-181-08	\$400.84
Thangle H 0631 Trust	0630-062-27	\$400.84	PRADHAN ANIS	0630-262-21	\$403.60
Miler Rudy MO	0630-071-18	\$400.84	YUCCA MESA LLC	0630-182-13	\$400.84
Mask Barry Elai	0630-061-27	\$400.84	YUCCA MESA LLC	0630-171-03	\$400.84
Elai Gutierrez Pedro	0629-291-75	\$421.84	LISA FIELDS ESTATE OF	0631-182-45	\$403.60
Adams Susan and Bill	0629-281-38	\$458.40	Jones MA Lk Trust	0630-181-08	\$400.84
Bredwick Leslie	0628-281-15	\$381.07	Pines Monica Madras	0630-282-09	\$403.60
Paulmore Raymond L	0629-281-33	\$458.40	ALCOSA JOE	0630-163-26	\$358.28
Verobla Deborah J	0629-282-10	\$458.40	Lopez Maricela Barragan	0629-101-07	\$528.82
Wong Gene S Et A	0629-291-29	\$458.40	Realty Inc	0629-421-28	\$558.40
Masali Karant	0629-281-57	\$458.40	Goldstein David	0630-071-32	\$270.85
Williamson Edger	0629-271-57	\$458.40	Morgan Dasha	0636-071-25	\$1,192.74
Jermigan Tr Brent L	0629-461-30	\$571.06	Pynn Matthew	0629-291-69	\$584.40
Hayek David A	0629-041-15	\$458.40	Kenneth Williams	0630-011-46	\$141.22
Lambert Steven A	0629-072-61	\$314.40	Christopher Barker	0630-021-04	\$128.28
Brigley Christine D	0629-222-32	\$458.40	Masoud Tounfard	0630-142-04	\$125.52
Sims Wyman	0629-231-58	\$184.28	Russell Trust	0630-171-14	\$117.77
Cushingham June	0629-123-02	\$458.40	Steven Karalakan	0629-291-69	\$458.40
Cushingham June B	0629-123-01	\$458.40	BCSI INC	0635-041-28	\$400.84
Bales Owen R	0629-051-14	\$458.40	Brumble Leland	0635-081-50	\$193.28
Schmidt Brad	0629-051-35	\$458.40	Crossen Jackson Sue	0635-081-18	\$177.81
Bates Estates M Trust	063029-021-59	\$458.40	Bates Tr Lucille	0635-081-18	\$338.28
Soto Juan Antonio	0629-021-25	\$228.18			
Vargas Inmocoable Trust	0629-431-17	\$388.53			

PASSED, APPROVED AND ADOPTED by the Board of Directors of Bighorn-Desert View Water Agency this 25th day of July 2017, by the following roll call vote:

AYES:
NAYES:
ABSTAIN:
ABSENT:

BY Michael McBride, Board President

ATTEST:
By Judy Cor-Lorano, Board Secretary

PROOF OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA
County of San Bernardino

This space is for the County Clerk's Filing Stamp

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of the:

HI-DESERT STAR

a newspaper of general circulation, printed and published BI-WEEKLY in the City of YUCCA VALLEY County of San Bernardino, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of San Bernardino, State of California,

under the date of November 27, 1961.

Case Number 107762: that the notice, of which the annexed is printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of sad newspaper and not in supplement thereof on the following dates, to-wit:

07/13
in the year 2017

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at: YUCCA VALLEY, California,
this 13TH day of JULY, 2017.


Signature
AUDRI LITTLE

Proof of Publication
ANNOUNCEMENT OF PUBLIC HEARING
RESOLUTION NO. 17R-XX

"ANNOUNCEMENT OF PUBLIC HEARING"

JULY 25, 2017 AT 6 PM
BIGHORN-DESERT VIEW WATER AGENCY
BOARD MEETING OFFICE
720 N. CHEROKEE TRAIL, LANDERS, CA 92286

NOTICE OF INTENT BY THE BOARD OF DIRECTORS OF THE BIGHORN-DESERT VIEW WATER AGENCY TO CONSIDER ADOPTING A RESOLUTION CONFIRMING THE REPORT OF DELINQUENT ACCOUNTS FOR BASIC SERVICE CHARGES, WATER CHARGES, REVENUE BOND BURCHARGES, DELINQUENT FEES, AND PROCESSING FEES. IF APPROVED IT WOULD AUTHORIZE THE PLACEMENT OF THE PROPERTY LISTS ON THE SECURED TAX ROLLS OF SAN BERNARDINO COUNTY FOR COLLECTION OF DELINQUENCIES WITHIN BIGHORN-DESERT VIEW WATER AGENCY.

RESOLUTION NO. 17R-XX

A RESOLUTION OF THE BOARD OF DIRECTORS OF BIGHORN-DESERT VIEW WATER AGENCY CONFIRMING REPORTS OF DELINQUENT ACCOUNTS FOR BASIC SERVICE CHARGES, WATER CHARGES, REVENUE BOND BURCHARGES, DELINQUENT FEES AND PROCESSING FEES AND AUTHORIZING THE PLACEMENT OF PROPERTY LISTS ON THE SECURED TAX ROLLS OF SAN BERNARDINO COUNTY FOR COLLECTION OF DELINQUENCIES WITHIN BIGHORN-DESERT VIEW WATER AGENCY

WHEREAS, the Board of Directors of the Bighorn-Desert View Water Agency resolves as follows:

SECTION 1:
The Board of Directors of the Bighorn-Desert View Water Agency finds and declares as follows:

A. On May 5, 2017 the General Manager did cause written notification to be mailed, by first class U.S. Mail, to each delinquent customer that public notices would be placed in the local newspaper on July 6, 2017 and July 13, 2017 and that a public hearing would be held on July 25, 2017; and

B. On July 3, 2017, public notices were placed in the local newspaper and published on July 6, 2017. Also on July 10, 2017, public notices were placed in the local newspaper and published on July 13, 2017.

SECTION 2:
The Board of Directors of the Bighorn-Desert View Water Agency resolves that the following delinquent accounts will be placed on the (2017/2018) Secured Property Tax Roll of the County of San Bernardino Tax Collector:

DEI William G Jr	0638-041-28	\$400.84	Beate Blouise M Trust 99	0628-021-69	\$459.40
BCSI INC	0638-041-12	\$400.84	Vargas Inevitable Trust	0628-021-17	\$399.63
BGSME Leland	0638-061-60	\$183.28	Erail Family Trust 10-6-88	0628-031-13	\$459.40
Crosman Jackson Sue	0638-061-18	\$177.81	Del Camero Estrada Martin	0630-011-13	\$459.34
Bates Tr Lucille	0638-061-19	\$338.39	Green Tree Serv. LLC	0628-032-22	\$458.84
Browall James	0638-021-63	\$487.44	MULLER PATRICIA	0630-081-02	\$248.04
Umbig William C	0638-021-37	\$400.84	PENN HOAH & ANA	0630-082-31	\$458.00
Pantlett Lyke	0638-011-08	\$400.84	CASILLAS HECTOR	0630-101-06	\$420.60
Harelda Jesus	0628-382-02	\$400.84	TAYLOR JAMES	0630-121-07	\$400.84
Elison Ron	0628-384-02	\$400.84	OF PINEWOOD ENTRPRS SERIES D	0630-131-04	\$400.84
Taylor W Dan	0628-372-05	\$400.84	WILSON DENNIS & JUDY	0630-131-05	\$400.84
Andre Marie	0628-352-01	\$400.84	ABENDOLA RICHARD	0630-132-06	\$200.84
R Land Conservancy LL	0628-352-19	\$400.84	JENKINS JAN	0630-131-12	\$400.84
Blatic Wayne D	0628-342-04	\$400.84	HERNANDEZ MARIO ROBLES	0630-162-11	\$284.42
Kindig Charles R	0628-352-35	\$400.84	RUSSELL TRUST RUSSELL	0630-251-07	\$288.00
Crouch Clemencia H &	0628-342-61	\$400.84	GONZALEZ VICTOR	0630-172-09	\$400.84
Brooks Nina	0628-352-42	\$284.20	ROLAND NANCY	0630-182-15	\$208.28
Balcom Tr Grace K	0628-352-07	\$400.84	NELSON MARY & MURL	0630-181-09	\$400.84
Conway Martha E	0628-362-12	\$526.16	NELSON MARY & MURL	0630-182-14	\$400.84
Hopper Warren D	0628-321-31	\$928.09	HAMILTON ARTHUR	0630-201-03	\$403.80
Atayde Lydia A	0628-282-40	\$400.84	TAYLOR RALPH	0630-211-15	\$458.42
Leitch Julian B	0628-282-46	\$400.84	PARSONS WENDY	0630-221-26	\$438.60
Jones Mike D	0628-301-36	\$400.84	JERRY TRANUM ESTATE OF	0630-221-37	\$403.80
Grodesman Martha	0628-312-48	\$208.28	MULLER-BOYER JULIANNE & ROD	0630-231-33	\$125.62
Whitby Andrew	0628-311-36	\$400.84	W CAMP WILLIAM J	0630-241-25	\$403.80
Harvey William A	0628-311-18	\$285.64	WYATT CATHY	0630-241-30	\$258.16
Harvey William	0628-311-18	\$257.39	Smith Sandra Elai	0630-241-32	\$403.80
Guzman Refugio O	0628-302-28	\$400.84	MILLS SHERPHE	0630-241-42	\$403.80
Digheita Lita M	0628-292-04	\$400.84	KLUJAHN H J	0630-251-02	\$403.80
Podascedik John C	0628-322-60	\$368.28	DENNIS WILKINSON RICHARD &	0630-251-33	\$403.80
Liv Tr Mo Kuoilo Ella B	0630-021-32	\$400.84	WILL GEORGIA	0630-261-23	\$403.80
Curtis Lv Tr Rice Bradley	0630-011-02	\$400.84	ROBINSON DON	0630-271-04	\$403.80
Of Pinewood Series G	0631-081-13	\$428.28	JIMENEZ RICKY	0630-271-06	\$403.80
Gross Duaine	0631-091-47	\$400.84	ANDERSON SCOTT	0630-281-60	\$368.28
Stone Daley	0631-091-57	\$400.84	BULLOUGH JIM	0630-291-13	\$403.80
Lopez Ricky Joe	0630-011-19	\$400.84	SCHULTZ DALE	0630-291-23	\$286.04
Nagler Derwin	0630-032-22	\$400.84	SETTLER CHARLES	0630-291-38	\$403.80
Dunn Kevin	0630-061-37	\$400.84	SALCIDO ROBERT	0630-292-09	\$228.60
Graf Mike Polzano	0630-082-18	\$400.84	MYRICK MARK C	0630-292-30	\$403.80
Rising Phoenix Group LLC	0630-051-62	\$400.84	AYALA JOAQUIN	0630-302-40	\$403.80
Powell James L	0630-051-10	\$400.84	SOLACE CHESTON	0631-181-31	\$400.84
Triangle H Old Trust	0630-082-27	\$400.84	SHARONH ABBAS	0631-182-14	\$400.84
Miller Ruby M	0630-071-16	\$400.84	TRAN VINH	0631-191-08	\$400.84
Mack Barry Elai	0630-081-27	\$400.84	PRADHAN ANIS	0630-252-21	\$403.80
Elai Gutierrez Pedro	0628-291-75	\$421.84	YUCCA MESA LLC	0630-182-13	\$400.84
Adame Susan and Bill	0628-291-36	\$459.40	YUCCA MESA LLC	0630-171-09	\$400.84
Bruchick Leslie	0628-291-15	\$381.07	LISA FIELDS ESTATE OF	0631-182-45	\$403.80
Parlmore Raymond L	0628-281-33	\$459.40	Jones MA LK Trust	0630-191-09	\$400.84
Vanoble Deborah J	0628-282-10	\$459.40	Flores Monica Macias	0630-282-08	\$403.80
Wong Gene S B A	0628-291-25	\$459.40	Alfocosa Joe	0630-183-05	\$258.28
Musiel Kamea	0628-291-67	\$459.40	Lopez Maricela Barragan	0628-101-07	\$528.82
Williamson Edgar	0628-271-67	\$459.40	Realty Ice	0628-421-28	\$359.40
Jernigan Tr Brent L	0628-451-30	\$571.08	Golderain David	0630-071-32	\$270.85
Hayek David A	0628-341-15	\$459.40	Morgan Dasha	0630-071-28	\$786.51
Lambert Steven A	0628-372-61	\$214.40	Pynn Matthew	0628-221-65	\$211.16
Shirley Christine D	0628-322-22	\$459.40	Kenneth Williams	0630-011-48	\$141.22
Eane Wyman	0628-221-69	\$184.29	Christopher Becker	0630-091-04	\$128.28
Cushingham June	0628-122-02	\$459.40	Messuri Taurandani	0630-142-04	\$125.52
Cushingham June B	0628-122-01	\$459.40	Russell Trust	0630-171-14	\$117.77
Bales Glen R	0628-051-14	\$459.40	Steven Karatikian	0628-291-68	\$459.40
Schmidt Brad	0628-051-35	\$459.40			

PASSED, APPROVED AND ADOPTED by the Board of Directors of Bighorn-Desert View Water Agency this 25th day of July, 2017, by the following roll call vote:

AYES:
NAYES:
ABSENT:
ASSENT:

BY: Michael McBride, Board President

ATTEST:
By: Judy Cor-Lorano, Board Secretary

(Pub. 6.76, 7/16/07)

AGENDA ITEM # 7

LAFCO 3187

Countywide Service Review for Water (Wholesale, Retail, Recycled)



LAFCO

for San Bernardino County

**Kathleen Rollings-McDonald, Executive Officer
Michael Tuerpe, Project Manager**

Contributors

**Robert Aldrich, Consultant
Jeffrey Lum, GIS Analyst
Samuel Martinez, Assistant Executive Officer**

Received and Filed _____ 2017

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List of Acronyms and Abbreviations

AFY	Acre Feet Per Year
APUA	Adelanto Public Utilities Authority
Baker CSD	Baker Community Services District
BAP	Base Annual Production
BBARWA	Big Bear Area Regional Wastewater Agency
BBCCSD	Big Bear City Community Services District
BBMWD	Big Bear Municipal Water District
BDVWA	Bighorn-Desert View Water Agency
BOR	Bureau of Reclamation
Cadiz Project	Cadiz Valley Water Conservation, Recovery and Storage Project
CBA	Colton Basin Area
CGRDA	Cedar Glen Disaster Recovery Redevelopment Project Area
CLAWA	Crestline - Lake Arrowhead Water Agency
Crestline SD	Crestline Sanitation District
CRWA	California Rural Water Association
CSA	County Service Area
CSA 70 W-4	County Service Area 70 Zone W-4
CVWD	Crestline Village Water District
DACs	Disadvantaged Communities
Daggett CSD	Daggett Community Services District
DDW	Division of Drinking Water, State Water Resources Control Board
DUCs	Disadvantaged Unincorporated Communities
DWP	City of Big Bear Lake Department of Water and Power
DWR	Department of Water Resources
EPA	Environmental Protection Agency
ESRI	Environmental Systems Research Institute
Fontana Union	Fontana Union Water Company
FPA	Free Production Allowance
FVWA	Fenner Valley Water Authority
GIS	Geographic Information Systems
GPM	Gallons per Minute
GSAs	Groundwater Sustainability Agencies
GSPs	Groundwater Sustainability Plans
GSWC	Golden State Water Company
GWMP	Groundwater Management Plan
HDWD	Hi-Desert Water District
I-Bank	California Infrastructure Bank
IEUA	Inland Empire Utilities Agency
IWVGA	Indian Wells Valley Groundwater Authority
JBWD	Joshua Basin Water District
JVHI	Johnson Valley Hydrologic Investigation
LACSD	Lake Arrowhead Community Services District
MAF	Million Acre Feet
MCL	Maximum Contaminant Level
MDD	Maximum Daily Demand
Metropolitan	Metropolitan Water District of Southern California

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Morongo Area	MWA's Improvement District M
MWA	Mojave Water Agency
PHD	Peak Hourly Demand
PSY	Production Safe Yield
RBA	Riverside Basin Area
RSWD	Running Springs Water District
SAWC	San Antonio Water Company
SAWPA	Santa Ana Watershed Project Authority
SBBA	San Bernardino Basin Area
Searles Water	Searles Domestic Water Company
SGMA	Sustainable Groundwater Management Act of 2014
SGPWA	San Gorgonio Pass Water Agency
SMWD	Santa Margarita Water District
SWP	State Water Project
TCE	trichloroethene
TPWD	Twentynine Palms Water District
UWMP	Urban Water Management Plan
Valley District	San Bernardino Valley Municipal Water District
Veolia	Veolia Water North America
VVWRA	Victor Valley Wastewater Reclamation Authority
Waterworks #8	County Waterworks District #8
WECAN	Water-Energy Community Action Network
West Valley	West Valley Water District
WIRP	Water Infrastructure Restoration Program
WUE	Water Use Efficiency
WVWD	West Valley Water District
WW8	Waterworks District No. 8

Executive Summary

This service review consists of a countywide service review on water (wholesale, retail and recycled) within San Bernardino County. It fulfills the service review requirements identified in the Cortese-Knox-Hertzberg Local Reorganization Act of 2000 (Government Code §56000 et. seq.). The report is organized geographically by the county's four major regions: Valley, Mountain, North Desert and South Desert. A stakeholder group was formed within each region to provide a peer review of the service review's purpose, objectives and methodology. A draft copy was circulated to all water systems reviewed in this report as well as interested parties for review and comment. The final version of this report includes LAFCO staff's responses to the comments. LAFCO may use this report as a basis to initiate agency sphere of influence updates, where warranted, and to help address identified service deficiencies.

Approach

Legislation adopted since 2012 impacting service reviews or the provision of services has been incorporated into the report's analysis. These laws are detailed in the Introduction portion of this report and address:

- Mutual water companies in service reviews
- Disadvantaged unincorporated communities
- Pilot program for San Bernardino LAFCO regarding services outside an agency sphere of influence
- The Sustainable Groundwater Management Act of 2014, and
- Authorization for the State Water Resources Control Board to consolidate water systems that are serving disadvantaged communities with unreliable and unsafe drinking water with other water systems.

The primary goal of this service review is to provide the Commission with recommendations to: (1) update the determinations from previous service reviews, and (2) initiate sphere of influence updates where appropriate. To arrive at these recommendations, the service review focuses on two areas:

- (1) Identification of "hot spots" – Those areas or agencies within the county which have significant water-related issues including, but not limited to, insufficient water supply, water quality related issues, deficient infrastructure, financial constraints, and/or inadequate oversight and monitoring.
- (2) Service review update – Update of water agencies' determinations since the prior service review.

To identify the County's water "hot spots," staff utilized a multi-pronged approach using prior service reviews, audits, budgets, consumer confidence reports, sanitary survey reports, and GIS data to identify future population growth areas, disadvantaged communities, and small community water systems. This Executive Summary summarizes the hot spots identified in the report and staff recommendations. Additionally, staff has identified opportunities for efficiencies for the community at large to consider – these do not have a recommendation for Commission action.

What Did We Learn?

Countywide

- 80% of the land in the county (roughly 16,200 sq. miles) is primarily vacant and outside the governing control of the County's Board of Supervisors and 24 cities.
- Significant opportunities for economies of scale via consolidation exist in the Mountain, North Desert, and South Desert regions.
- San Bernardino County and the broader Inland Empire region are anticipated to see more population growth in the near term than the coastal regions of Southern California. The high cost of housing in the coastal counties of Los Angeles, Orange and San Diego has made the Inland Empire a destination of choice for many residents willing to commute to those areas.
- The Metropolitan Water District of Southern California has never been assigned a sphere of influence in San Bernardino County.
- LAFCO staff has comprehensively digitally mapped all the water systems identified in this report. The following entities requested access to this data which LAFCO has provided: Department of Water Resources, Division of Drinking Water of the State Water Resources Control Board, California Environmental Health Tracking Program of the Department of Public Health, and the County of San Bernardino as a part of its upcoming general plan update.

Legislation/Regulations

- Senate Bill 88 authorizes the State Water Board to order consolidation with a receiving water system where a public water system, or a state small water system within a disadvantaged community, consistently fails to provide an adequate supply of safe drinking water. This authority provides an opportunity for water system improvements by offering inducements or by ordering consolidation of systems.
- Other State agencies, such as the California EPA, use alternative criteria to identify disadvantaged communities for grant funding purposes. The different criteria at the local and state government levels is confusing and complicates implementation of a consistent approach to address our disadvantaged residents. While staff recognizes the difficulty in developing a one-size-fits-all definition, LAFCO staff's position is that additional work needs to be done state-wide to develop a method for identifying disadvantaged communities that is more consistent yet recognizes the diversity of communities and geographies in California.
- Agencies have adopted resolutions to form Groundwater Sustainability Agencies for areas identified as fringe areas – areas outside a local agency boundary.
- There is a systemic lack of understanding and compliance with the California Land Conservation Act of 1965 (known as the Williamson Act) statutes and implementation by the County and cities. Government Code §51243 states that when annexing properties into a city, "...the city shall succeed to all rights, duties, and powers of the county under the contract." As a whole, the data provided to LAFCO by the County and cities is either incomplete, outdated, and/or not in compliance between Agricultural Preserves and Williamson Act parcels. LAFCO staff will continue work on this matter and present a final product to the Commission as a part of the wastewater service review.

Water Systems

- Many systems identified in the first round of service reviews as having experienced significant challenges, remain as having significant challenges.
- There are clusters where challenges are difficult to overcome due to groundwater quality and economic status (being defined as a disadvantaged community).
- There are areas where agencies provide, or plan to provide, service outside of its sphere of influence: (1) City of Colton, (2) City of Big Bear Lake via its Department of Water and Power, and (3) Town of Apple Valley (potential condemnation and purchase of the Liberty Utilities system). This is addressed in the context of Gov't. Code §56133.5 - a pilot program, through 2020, for Napa and San Bernardino LAFCOs to authorize a city or district to extend services outside of a sphere for additional purposes beyond responding to threat to public health or safety.
- During the course of the service review, two areas were identified that warrant identification but are not considered a hot spot as remediation efforts are well underway: (1) Rockets, Fireworks, and Flares Site (Rialto area), and (2) County Service Area 70 CG – Cedar Glen.
- During the drought, many local agencies that self-reported water usage data to the state (which meant that a zero state conservation standard was applied) opted to implement a higher conservation standard.
- On average, the 33 water systems that were required to report to the State their water usage during the drought reported in February 2017 a 16.7% cumulative savings as compared to the same month in 2013.

Successes

The following provides one positive effort for each region:

- *Valley Region* - There is extensive coordination amongst agencies within groundwater basins. Between certain basins conflict is present.
- *Mountain Region* - The County purchased a failing water system in Cedar Glen which is now operated under County Service Area 70 Zone CG. Great progress has been made to improve this once failing system, although challenges remain.
- *North Desert Region* - To assist small water systems within the boundaries of Mojave Water Agency ("MWA"), MWA's Small Water Systems Assistance Program provides resources for disadvantaged and severely disadvantaged small water systems that lack staff, expertise, and funding to meet their individual water reliability, conservation and quality standards. The MWA service area includes 36 small water systems of which 65% meet the criteria of disadvantaged communities.
- *South Desert* – The Twentynine Palms Water District ("TPWD") has become a test district for the EPA's research into an economical method for small, low-income water agencies to remove arsenic. This new method brings the TPWD drinking water into compliance with the new maximum contaminant levels for arsenic and saves the district over \$20,000 annually. Not only does this clean the local water, the results from this test case will support the removal of arsenic in other areas of the country with a lower cost method. Additionally, the District operates a 3MGD Fluoride Removal Plant that removes high levels of naturally occurring fluoride from the Mesquite Lake sub-basin.

Staff Recommendations for Commission Action

The following outlines staff's recommendations for the Commission. The first recommendation concerns the lack of a sphere of influence for the Metropolitan Water District of Southern California within San Bernardino County. The remaining five recommendations stem from the agencies being identified a "hot spot".

Metropolitan Water District of Southern California

- Issue - Metropolitan Water District of Southern California lacks sphere of influence within San Bernardino County. Metropolitan is a special district subject to LAFCO purview. Therefore, San Bernardino LAFCO is obligated to establish a sphere of influence. This issue is detailed in Section III.
- Staff Recommendation - *Initiate the establishment of a sphere of influence for Metropolitan within San Bernardino County to be coterminous with the sphere of its member agency, Inland Empire Utilities Agency.*

County Service Area 70 Zone CG (Cedar Glen)

- Issue - County Service Area 70 Zone CG (Cedar Glen) experiences ongoing challenges due to County's purchase of a failing water system as detailed in Section IV.
- Staff Recommendation - *Direct staff to continue to monitor the Zone CG system and provide an update to the Commission by February 2018.*

City of Adelanto

- Issue - Water operations of the Adelanto Public Utilities Authority, a component of the City, in significant debt to the City; 2014 audit (most recent completed) questions agency's ability to continue given inability to secure financing to address debt payments; City's water system has multiple deficiencies; City under a conservation order from the State Board; City has inadequate water storage facilities to accommodate future growth.
- Hot Spot Identification – The City of Adelanto has been identified in this service review as a hot spot due to the issues identified above and detailed in Section V.
- Staff Recommendation - *Indicate the Commission's intent to initiate a sphere of influence review to reduce the City's sphere of influence following the completion of the wastewater and fire service reviews.*

Apple Valley Foothill County Water District Apple Valley Heights County Water District Mariana Ranchos County Water District

- Issue:
 - Apple Valley Foothill County Water District - Lack of audit internal controls; lack of inter-tie with another water system; classified as a disadvantaged community.
 - Apple Valley Heights County Water District - Lack of audit internal controls; lack of inter-tie with another water system. The Sanitary Survey Report identifies that additional source capacity is needed to meet State regulation and for reliability. Additionally, the District is deficient in storage capacity and must develop a plan of action to meet the storage capacity requirements.

Deterioration of its tanks and failure of its existing pipeline resulted in emergency repairs.

- Hot Spot Identification – The Apple Valley Foothill CWD and Apple Valley Heights CWD have been identified in this service review as a hot spots due to the issues identified above and detailed in Section V. Mariana Ranchos CWD is not identified as a hot spot but is contiguous to the other two districts.
- Staff Recommendation - *Reaffirm the Commission's position that Apple Valley Foothill, Apple Valley Heights, and Mariana Ranchos County Water Districts have a combined sphere of influence signaling the Commission's preference that the three districts consolidate.*

County Service Area 70 Zone J

- Issue - All sources have hexavalent chromium above MCL; Zone J is currently working on a hexavalent chromium compliance plan under Senate Bill 385 to achieve compliance; previous service review determined the need to resolve boundary conflicts between the Hesperia Water District and Zone J in the Maple/Topaz strip which is currently a part of the City of Hesperia.
- Hot Spot Identification – CSA 70 Zone J has been identified in this service review as a hot spot due to the issues identified above and detailed in Section V.
- Staff Recommendation - *Indicate the Commission's preference that the Hesperia Water District and Zone J implement a mechanism (e.g., joint powers agreement or memorandum of understanding) to provide stability to the water source and boundary challenges in the overall Hesperia and Oak Hills communities.*

Although LAFCO staff is working with the Hesperia Water District and CSA 70 Zone J on a mechanism to resolve the boundary conflicts, staff recommends that the Commission direct staff to continue to monitor the Zone J system and provide an update to the Commission by February 2018.

Daggett Community Services District

- Issue - Classified as a disadvantaged community; lacks intertie with an adjacent agency; significant deficiencies identified in sanitary survey report; located within the Mojave Basin Baja subarea which is at 45% ramp down; significant financial challenges identified in audits; prior service review identified concerns with the aging pipes; lack of adequate managerial oversight.
- Hot Spot Identification – Daggett CSD has been identified in this service review as a hot spot due to the issues identified above and detailed in Section V.
- Staff Recommendation - *Reaffirm the Commission's position that Daggett CSD and Yermo CSD have a combined sphere of influence signaling the Commission's position for consolidation.*

Systems Identified as Hot Spots – No Staff Recommendations

The following outlines water systems identified as hot spots but are either not under Commission purview or where no tangible Commission action is recommended. In the Mountain Region, no water systems were identified as hot spots.

In the Valley Region, staff identified one private water purveyor as a “hot spot”:

Hot Spots	Rationale	Summary
San Antonio Canyon Mutual Service Company	Non-compliance with source capacity requirements and interim drought measures.	Not under LAFCO purview. See “Opportunities” below.

In the North Desert, staff identified the following seven public water agencies and three private water purveyors as “hot spots”:

Hot Spots	Rationale	Summary
Baker CSD	Located within a disadvantaged unincorporated community; is an isolated area with no access to another water system; gross alpha and uranium levels exceed the MCL; Well #2 and Well #3 exceed the MCL for hexavalent chromium, Cr (VI), of 10 µg/L; lack of quarterly monitoring of Cr (VI) in violation of state regulations.	System is not eligible for SB 88 grant funds since there are no adjacent systems for potential consolidation.
Bar Len MWC	The sanitary survey report identifies significant deficiencies of the water system; system is under consideration by the State Water Board for potential Water System (SB 88) consolidation with the adjacent Hi Desert Mutual Water Company.	Not under LAFCO purview.
County Service Area 42	Classified as a disadvantaged community; system lacks an inter-tie connection; previous service review determined system did not meet required storage capacity; substantial rate increases have been implemented in order to pay for capital upgrades.	There are no recommendations for the Commission.
Desert Springs MWC	The sanitary survey report identifies issues with system leaks and inadequate storage capacity; 2015 Consumer Confidence Report indicates inadequate water quality testing.	Not under LAFCO purview.
Gordon Acres WC	System not complying with sampling requirements for a community water system; two violations issued by County Public Health in 2017 regarding failure to monitor and test for inorganic chemicals, perchlorate and secondary standards; system is under consideration by the State Water Board for potential Water System (SB 88) consolidation with the adjacent Jubilee Mutual Water Company.	Not under LAFCO purview.

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In the South Desert, staff identified the following three public agencies and one private water purveyor as “hot spots”:

Hot Spots	Rationale	Summary
CSA 70 Zone F (Morongo Valley)	2015 Consumer Confidence Report states source water violates gross alpha and uranium MCLs; 2016 Sanitary Survey Report notes water exceeds uranium MCL, and system has aging distribution lines requiring frequent maintenance.	No Commission action because zones do not have spheres of influence. See “Opportunities” below.
CSA 70 Zone W-3 (Hacienda Heights, Morongo Valley)	2015 Consumer Confidence Report notes that source water exceeds uranium MCL; 2016 Sanitary Survey Report reports that distribution lines are old and require frequent maintenance; Well #1 exceeds MCL for gross alpha and uranium; Well #2 is very close to the MCL; system lacks an emergency response plan.	No Commission action because zones do not have spheres of influence. See “Opportunities” below.
CSA 70 Zone W-4 (Pioneertown)	Notice of Violation issued in March 2016 by U.S. EPA indicating water system in violation of Safe Drinking Water Act for exceeding MCL for arsenic, fluoride and uranium; state grant funding provides customers with bottled water supplies every two weeks.	No Commission action because zones do not have spheres of influence. See “Opportunities” below.
Golden State Water Company – Morongo del Norte	2016 Sanitary Survey Report identifies Elm Well exceeding uranium MCL; well will not be placed in service until a uranium treatment system is in place and operational, or district submits a compliance plan; gross alpha and uranium levels are at or near MCL for Bella Vista and Highway Wells.	Not under LAFCO purview.

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Opportunities for Future Consideration

The following identifies opportunities for the Commission and the water systems to consider.

Opportunities – Valley Region

Agency	Issue	Opportunity
San Antonio Canyon Mutual Service Company	Insufficient source capacity.	Consolidation of San Antonio Canyon Mutual Service Company with Mt. Baldy HOA would allow eligibility for SB 88 funding to upgrade facilities.

Opportunities – Mountain Region

Agencies	Issue	Opportunity
Crest Forest-Crestline Village Water District and Crestline Sanitation District	Overlapping territory	Consolidation of water and wastewater services under a single agency would benefit the community and likely reduce staffing and admin costs.
CSA 70 Zone CG, Lake Arrowhead Community Services District, and Crestline-Lake Arrowhead Water Agency Improvement Districts	Multiple public agencies overlaying the same area providing the same service.	Consolidate or form a community services district to increase service delivery efficiency through a single agency.
Running Springs Water District, Arrowbear Park County Water District, CSA 79 (sewer only)	Adjacent agencies, which work together and share facilities, providing similar services under the same parent act.	Consolidation of water and wastewater services under a single agency would provide for an efficient delivery pattern.

Opportunities – North Desert Region

Agencies	Issue	Opportunities
Apple Valley Foothill County Water District, Apple Valley Heights County Water District	Lack of financial internal controls; lack of inter-ties with another system; Apple Valley Heights County Water District is deficient in storage capacity and water source capacity.	Districts should consider initiating consolidation and include Mariana Ranchos County Water District – all three share a single sphere of influence; consolidation would open up opportunities for SB 88 grant funding.
Bar Len Mutual Water Company	Sanitary survey report identifies significant deficiencies	Under consideration by State Water Board for potential water system (SB 88) consolidation with Hi-Desert Mutual Water Company.
Gordon Acres Water Company	Non-compliance with water quality monitoring requirements.	Under consideration by State Water Board for potential Water System (SB 88) consolidation with Hi-Desert Mutual Water Company.
Daggett Community Services District and Liberty Utilities Yermo	Significant deficiencies/financial challenges.	Consolidation of Daggett Community Services District and Liberty Utilities Yermo would allow eligibility for SB 88 funding to upgrade facilities.

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Opportunities – South Desert Region

Agencies	Issue	Opportunities
CSA 70 Zone F, CSA Zone W-3, Golden State WC Morongo del Norte and Golden State WC Morongo del Sur	High gross alpha, uranium levels; ongoing operation and maintenance issues.	All classified as small water systems; eligible for SB 88 funds if consolidated; all four agencies should consider jointly initiating a consolidation application to the state since additional resources are available when three or more agencies consolidate.
CSA 70 W-4	Water system exceeds MCLs for arsenic, fluoride and uranium.	Classified as a small water system and eligible for SB 88 funds; funding requires consolidation with an adjacent system; CSA 70 W-4 under consideration for potential SB 88 consolidation with Hi-Desert Water District.

SECTION I Introduction

Purpose of Report

This report consists of a countywide service review on water (wholesale, retail, and recycled) within San Bernardino County. The service review fulfills the service review requirements as identified in the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 (Government Code §56000 et. seq.) In general, service reviews evaluate how agencies currently provide municipal services within their service area and the impacts on those services that may occur over the long-term due to population growth and other issues. While most reports limit an agency evaluation to its current boundary, LAFCO's service reviews take a broader view and explore, where appropriate, a full range of service provision options that are not limited by existing agency boundaries.

LAFCO may then use this service review as a basis to initiate agency sphere of influence updates, where warranted, to help address identified service deficiencies. "Sphere of influence" means a plan for the probable physical boundaries and service area of a local agency, as determined by the Commission (§56076). Spheres are designed to both proactively guide and respond to the need for the extension of infrastructure and delivery of municipal services to areas of emerging growth and development. The requirement for LAFCOs to conduct service reviews was established as an acknowledgment of the importance of spheres of influence, and recognition that periodic updates of agency spheres should be conducted (§56425(g)) with the benefit of current information available through service reviews (§56430(a)).¹

Service reviews are considered "receive and file" reports, but they do require LAFCO to prepare written statements of six determinations:

- Growth and population projections for the affected area;
- Location and characteristics of any disadvantaged unincorporated communities within or contiguous to the sphere of influence;
- Present and planned capacity of public facilities, adequacy of public services, and infrastructure needs or deficiencies related to ...municipal and industrial water... in any disadvantaged unincorporated communities within or contiguous to the sphere of influence;
- Financial ability of agencies to provide service;
- Status of, and opportunities for, shared services; and,
- Accountability for community service needs, including governmental structure and operational efficiencies.

¹ Five California counties border San Bernardino County – Inyo, Los Angeles, Orange, Riverside and Kern. With the exception of Kern LAFCO, San Bernardino LAFCO has entered into Memorandums of Understanding with its surrounding LAFCOs to transfer sphere of influence jurisdiction for agencies that cross county boundaries to the county where the sphere of influence is located.

Report Objective – Staff Recommendations for Sphere Update and Further Study

A number of water-related reports already exist which address various aspects of water infrastructure and water planning in San Bernardino County. These include, but are not limited to: groundwater plans, adjudicated groundwater basin monitoring reports, integrated regional water management plans, urban water management plans, and other County visioning documents. While the Countywide Water Service Review utilizes and references many of these reports in its analysis, the primary goal of this service review is to provide the Commission with recommendations to: (1) update the determinations from previous service reviews, and (2) initiate sphere of influence updates where appropriate. In our view, such reevaluation through subsequent service reviews is necessary if water production is to be most efficient and its distribution most effective. To arrive at these recommendations, the service review focuses on two areas:

- (1) Identification of “hot spots” – Those areas or agencies within the county which have significant water-related issues including, but not limited to, insufficient water supply, water quality related issues, deficient infrastructure, financial constraints, and/or inadequate oversight and monitoring.
- (2) Service review update - Update of water agencies’ determinations since the prior service review.

This service review approach is unique. Given the countywide nature of this review, and the significant number of water systems within the county, this approach provides value to the Commission, the affected agencies, and the public by focusing on those areas and agencies that face significant water related challenges in the short and long-term. Water agencies that have no significant issues are referenced in the report, but they are not the focus of this service review.

Methodology

San Bernardino LAFCO conducted its initial round of service reviews on a community-by-community basis, consistent with its sphere of influence policies, addressing the full range of public services. In April 2016, in an effort to more efficiently conduct the mandatory service reviews along with the passage of new legislation affecting service reviews (described below), the Commission modified the scope of all of the second round service reviews to address individual services on a countywide basis.

Legislation adopted since 2012 impacting service reviews has been referenced and incorporated into report’s analysis. These laws include:

- AB 54 (effective 2012) - authorizes LAFCOs to include mutual water companies in service reviews; requires mutual water companies to submit a map depicting the boundaries of the area served by the company and, upon request, additional information which may be used in LAFCO-initiated service reviews.
- SB 244 (effective 2012) - requires cities, counties, and LAFCOs to plan for disadvantaged unincorporated communities.

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- AB 402 (effective 2016) - establishes a pilot program, until January 2021, for Napa and San Bernardino LAFCOs to authorize a city or district to extend services outside of a sphere for additional purposes beyond responding to threat to public health or safety. This process requires that the Commission make a determination that the proposed service extension was addressed in a service review.

Legislation adopted since the first round of reviews not directly related to service reviews but impacting the provision of services and government organization include:

- SB 88 (effective 2016) - authorizes the State Water Resources Control Board to require water systems that are serving disadvantaged communities with unreliable and unsafe drinking water to consolidate with or receive services from public water systems with safe, reliable, and adequate drinking water.
- The Sustainable Groundwater Management Act of 2014 (“SGMA”) enacted comprehensive legislation aimed at strengthening local control and management of groundwater basins that are prioritized as high or medium. The Act provides a framework for sustainable management of groundwater basins by local authorities. The first step is for local agencies to form local groundwater sustainability agencies (GSAs) by June 30, 2017. The second step is the adoption of groundwater sustainability plans (GSPs) by January 31, 2020 for basins determined by the Department of Water Resources to be in critical overdraft, and by January 31, 2022 for those not in critical overdraft. Once the GSPs are in place, local agencies have 20 years to fully implement the plans and to achieve the sustainability goals.

Senate Bill 13 amended SGMA in 2015 to clarify that local agencies can only impose regulatory requirements within their own boundaries (Water Code §10726.8).

The water agencies addressed in this service review include community water systems (serves 15 or more residential connections): 53 cities or districts under direct LAFCO purview, 28 private water companies, and 31 mutual water companies for a total of 112 community water systems. Select transient and non-transient systems are included due to significance to the community. Table 1-1 includes a listing of the water agencies included in this service review, organized by region (Valley, Mountain, North Desert and South Desert). Additionally, a primary tenet of LAFCO is to encourage the preservation of agricultural land. This service review touches upon the impact of agricultural uses in the county on water, notably the Valley and North Desert Regions. Conversely, available water supply for agricultural use impacts quality of life and the economy. Not included in this review are tribal water systems, which are regulated by the Environmental Protection Agency.

To identify the county’s water “hot spots”, staff utilized a multi-pronged approach. Previous service review reports and determinations, audits and budgets, consumer confidence reports, groundwater basin reporting, and sanitary surveys were reviewed as well as state and county water reports. LAFCO’s geographic information system (“GIS”) was also used to identify future population growth areas, disadvantaged unincorporated communities, and

small community water systems (between 15 and 1,000 connections)² adjacent to another water system (which addresses SB 88)³. GIS data was obtained from the U.S. Census, ESRI, San Bernardino Associated Governments, County of San Bernardino, State Department of Water Resources, State Regional Water Quality Control Board, and the wholesale water agencies.

A stakeholder group was convened within each region to provide a peer review of the service review's purpose, objective, and methodology. The stakeholder groups were composed of a variety of public agencies and at least one private system. Following the peer review, each water system identified in this review was provided a draft of the report for review and comment.

Report Organization

In general, this service review is organized geographically by the county's four major geographic regions: Valley, Mountain, North Desert and South Desert.⁴ Each of the four regions is presented separately and includes an overview of the region, a listing of water agencies within the region under review, and an identification of agency/area hot spots. A detailed analysis of each hot spot follows, along with staff recommendations for future agency sphere of influence updates to address the identified service concerns.

Comments from the public and water purveyors are included in Appendix A of this report. Appendices B through E contain service review updates of cities and districts, by region, including an update of staff's recommendations and identified challenges from the prior service review (with additional review where warranted). A detailed listing of community water systems, wholesale entities, and joint powers authorities is included as a part of Appendix F.

² A community water system is defined as a public water system which serves at least 15 year-round service connections or regularly serves at least 25 year-long residents. A small community water system is more than 15 connections (25 people) but less than 1,000 connections (3,300 people).

³ Senate Bill 88 authorizes the State Water Board to order consolidation with a receiving water system where a public water system, or a state small water system within a disadvantaged community, consistently fails to provide an adequate supply of safe drinking water.

⁴ These regions reflect the San Bernardino County Fire Protection District's regional service zones. The description is general and does not preclude the review from extending beyond the described boundary.

**Table 1-1:
Water Agencies Reviewed – Countywide Water Service Review**

Region	Water Agencies
Valley	<p><u>Under LAFCO Purview</u></p> <p><u>STATE WATER CONTRACTORS:</u> Metropolitan Water District of Southern California (via its member Inland Empire Utilities Agency), San Bernardino Valley Municipal Water District, San Geronio Pass Water Agency (Riverside County based, no wholesale presence in SB County)</p> <p><u>RETAIL AGENCIES (San Bernardino County Based):</u> Cities of Chino, Chino Hills, Colton, Loma Linda, Ontario, Redlands, Rialto, San Bernardino Municipal Water Department, Upland</p> <p>Cucamonga Valley Water District, East Valley Water District, Monte Vista Water District, West Valley Water District, Yucaipa Valley Water District</p> <p><u>RETAIL AGENCIES (Riverside County Based):</u> Beaumont-Cherry Valley Water District</p> <p><u>Not Under LAFCO Purview</u></p> <p><u>RETAIL AGENCIES (San Bernardino County Based):</u> Devore Water Company, Fontana Water Company, Lytle Creek Springs Water Company, Marygold Mutual Water Company, Muscoy Mutual Water Company, Oak Glen Domestic Water, Riverside Highland Water Company, Rocky Comfort Mutual Water Company, San Antonio Canyon Mutual Service Company, San Antonio Water Company, Terrace Water Company, Tres Lagos Mutual Water Company, Western Heights Water Company</p> <p><u>RETAIL AGENCIES (Los Angeles County Based):</u> Golden State Water Company – Claremont System, Mt. Baldy Homeowners' Association</p> <p><u>RETAIL AGENCIES (Riverside County Based):</u> South Mesa Water Company</p> <p><u>OTHER:</u> Aqua Mansa Water Company, Chino Basin Desalter Authority, Fontana Union Water Company, Meeks and Daley Water Company, Reche Canyon Mutual Water Company, Rialto/Colton Basin JPA, Santa Ana Watershed Project Authority, Water Facilities Authority, West End Consolidated Water Company; West End Water Development, Treatment, and Conservation JPA</p> <p><u>INSTITUTIONAL:</u> California Institution for Men – Chino, California Institution for Women - Chino</p>

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Mountain	<p>Under LAFCO Purview <u>STATE WATER CONTRACTOR:</u> Crestline-Lake Arrowhead Water Agency (portion)</p> <p><u>RETAIL AGENCIES:</u> City of Big Bear Lake Dept. of Water and Power</p> <p>Arrowbear Park County Water District, Big Bear City Community Services District, County Service Area 70 Zone Cedar Glen, Crestline-Lake Arrowhead Water Agency Improvement Districts A-D, Crestline Village Water District, Lake Arrowhead Community Services District, Running Springs Water District</p> <p><u>OTHER:</u> Big Bear Municipal Water District</p> <p><u>Not Under LAFCO Purview</u> <u>RETAIL:</u> Alpine Water Users Association, Arrowhead Villas Mutual Service Company, Big Pine Tract Improvement, Camp Waterman MWC, Cedarpines Park MWC, Dogwood Blue Jay Canyon Improvement Association Inc., Fallsvale Service Company, Forest Park MWC, Glen Martin MWC, Green Valley MWC, Mill Creek Mutual Service Company, North Shore MWC, Sky Forest MWC, Strawberry Lodge MWC, Valley of Enchantment MWC, Valley View Park MWC</p>
North Desert	<p>Under LAFCO Purview <u>STATE WATER CONTRACTOR:</u> Mojave Water Agency (portion)</p> <p><u>RETAIL AGENCIES (San Bernardino County based):</u> City of Adelanto (via its Adelanto Public Utilities Authority)</p> <p>Apple Valley Foothill County Water District, Apple Valley Heights County Water District, Baker Community Services District, County Service Area 42, County Service Area 64, County Service Area 70 Zone J, Daggett Community Services District, Helendale Community Services District, Hesperia Water District, Juniper-Riviera County Water District, Mariana Ranchos County Water District, Phelan Pinon Hills Community Services District, Thunderbird County Water District, Victorville Water District</p> <p><u>RETAIL AGENCIES (Kern County Based):</u> Indian Wells Valley Water District, Rand Communities Water District</p> <p><u>Not Under LAFCO Purview</u> <u>RETAIL:</u> Apple Valley View MWC, Bar H MWC, BarLen MWC, Center Water Company, Chamisal MWC, Desert Dawn MWC, Desert Springs MWC, Golden State Water Company Apple Valley North System, Golden State Water Company Apple Valley South System, Golden State Water Company Barstow System, Golden State Water Company Desert View System, Golden State Water Company Lucerne Valley System, Golden State Water Company Wrightwood System, Gordon Acres Water Company, Hi Desert MWC, Jubilee</p>

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	<p>MWC, Liberty Utilities Apple Valley System, Liberty Utilities Yermo System, Lucerne Valley MWC, Lucerne Vista MWC, Navajo MWC, Rancheritos MWC, Searles Domestic Water Company, Sheep Creek Water Company, Stoddard Valley MWC, West End MWC</p> <p><u>INSTITUTIONAL:</u> U.S. Army National Training Center, Fort Irwin U.S. Marine Corps Logistics Base, Barstow: Nebo Annex and Yermo Annex</p>
South Desert	<p>Under LAFCO Purview <u>STATE WATER CONTRACTOR:</u> Mojave Water Agency (Improvement District M)</p> <p><u>RETAIL AGENCIES:</u> City of Needles</p> <p>Bighorn-Desert View Water Agency, County Service Area 70 Zone F, County Service Area 70 Zone W-3, County Service Area 70 Zone W-4, Hi-Desert Water District, Joshua Basin Water District, Twentynine Palms Water District</p> <p>Not Under LAFCO Purview <u>RETAIL:</u> Golden State Water Company Morongo Del Norte, Golden State Water Company Morongo Del Sur, Havasu Water Company</p> <p><u>OTHER:</u> Fenner Valley Water Authority [(Cadiz Inc., Fenner Valley Mutual Water Company, Santa Margarita Water District (Orange County))]</p> <p><u>INSTITUTIONAL:</u> U.S. Marine Corps Air Ground Combat Center, Twentynine Palms</p>

SECTION II

San Bernardino County Overview

San Bernardino County's diverse geography and extensive natural resources, as well as its proximity to major economic and population centers, provide unique opportunities for varied industry sectors to thrive, including commerce, education, tourism and recreation. The County is the largest in the contiguous United States and covers over 20,000 sq. miles (enough to encompass the states of Connecticut, Delaware, Rhode Island, and Vermont). The County is commonly divided into four distinct areas – the Valley Region, the Mountain Region, the North Desert Region, and the South Desert Region. The Valley Region contains the majority of the County's incorporated areas and is the most populous region. The Mountain Region is primarily comprised of public lands owned and managed by federal and state agencies. The North Desert and South Desert Regions are the largest regions (approximately 94% of the County's land area) and include parts of the Mojave Desert. Table 2-1, below, breaks down the County's population by region.

Table 2-1:
San Bernardino County Population by Region

Region	Area (sq. miles)	Population 2016
Valley	665	1,538,716
North Desert	10,778	451,575
South Desert	8,093	77,078
Mountain	571	50,854

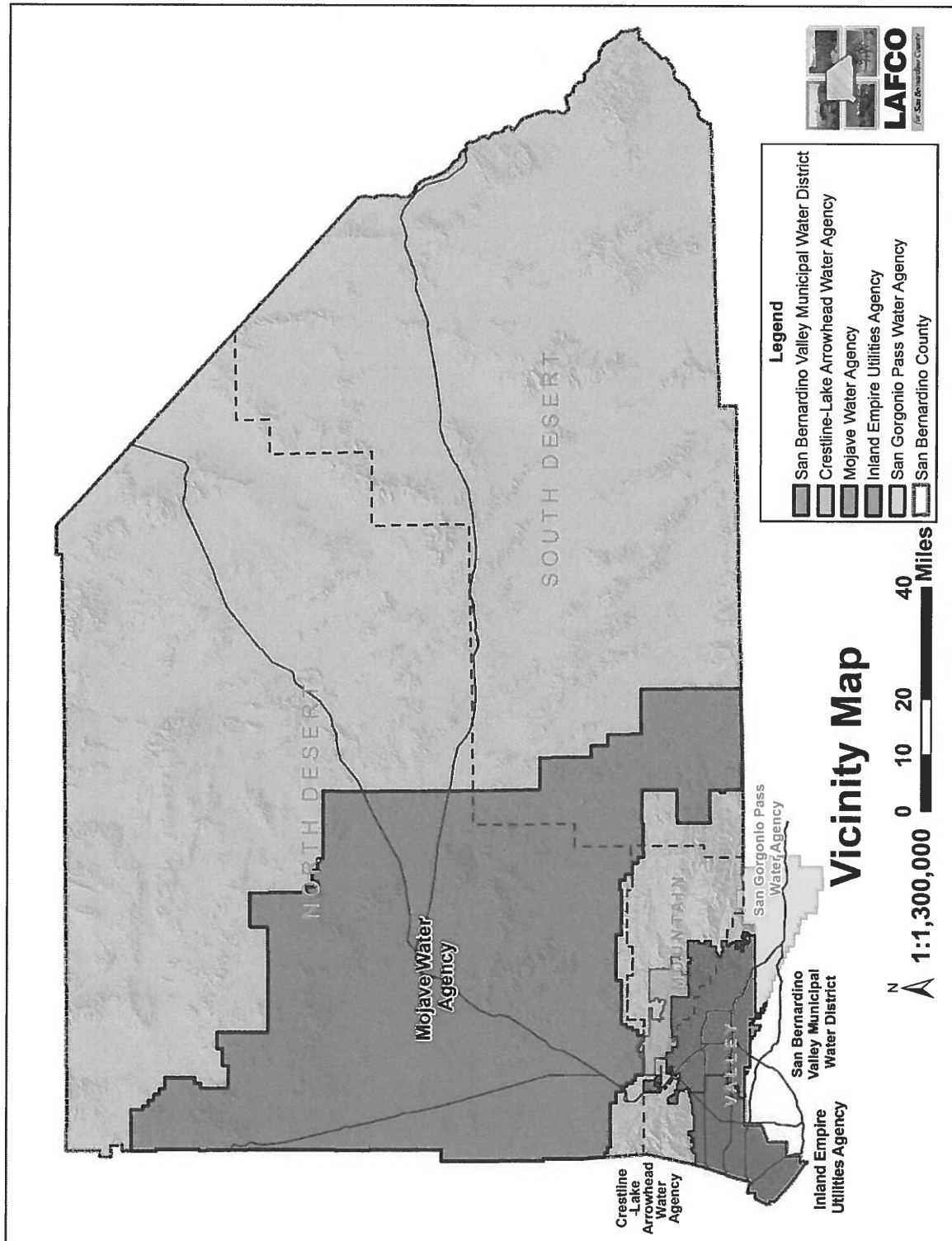
Given its vast land area, the County's overall population density is low, estimated at 105 people per square mile which is lower than neighboring Riverside, San Diego, Orange and Los Angeles Counties. Within the Valley Region, however, population density is 2,313 people per square mile which is on par with Los Angeles and Orange Counties. Figure 2-1, below, includes the county regions overlaid by water wholesalers.

Water Sources

San Bernardino County's water sources are supplied through both local and imported water. On average, 85 percent of the domestic water is supplied by local sources with the balance of 15 percent provided through imported purchased water.¹ Imported water is purchased from State Water Project contractors (the California Aqueduct) as a supplemental source to local water supplies. There are four active State Water Project contractors (Mojave Water Agency, San Bernardino Valley Municipal Water District, Metropolitan Water District of Southern California, Crestline-Lake Arrowhead Water Agency) and one sub-contractor (Inland Empire Utilities Agency) in the County.

¹ County of San Bernardino General Plan, Circulation and Infrastructure Element (2007)

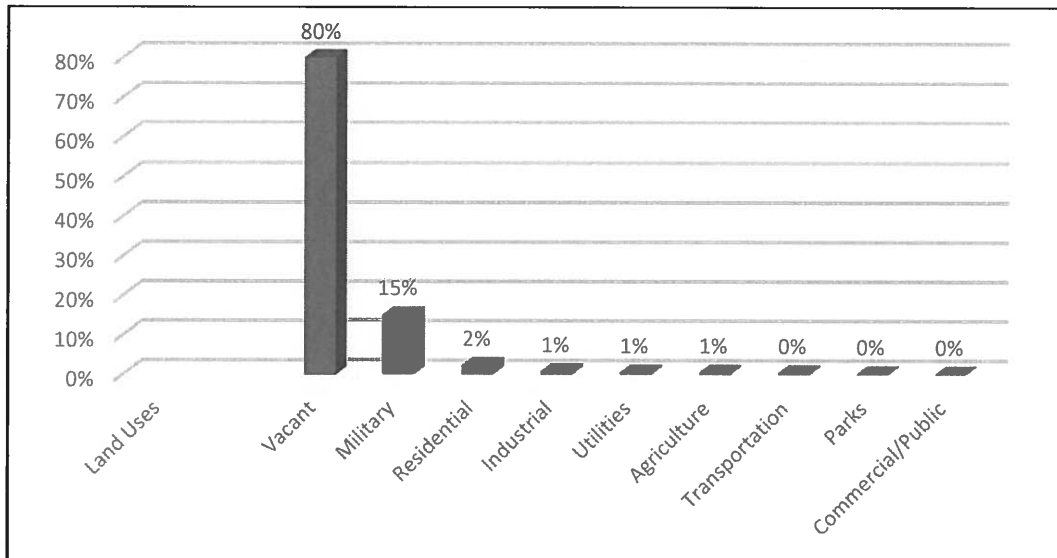
Figure 2-1:
Vicinity Map - Regions with Wholesale Provider



County Vacant Land

It is important to note – 80% of the land (roughly 16,200 sq. miles) is primarily vacant (Figure 2-2) and outside the governing control of the County’s Board of Supervisors and 24 cities. This land is largely under federal government ownership and includes forests, wilderness areas, military facilities and national parks/preserves/monuments (Table 2-2). Figure 2-3 on the following page depicts land ownership within the County.

Figure 2-2: Land Uses within San Bernardino County



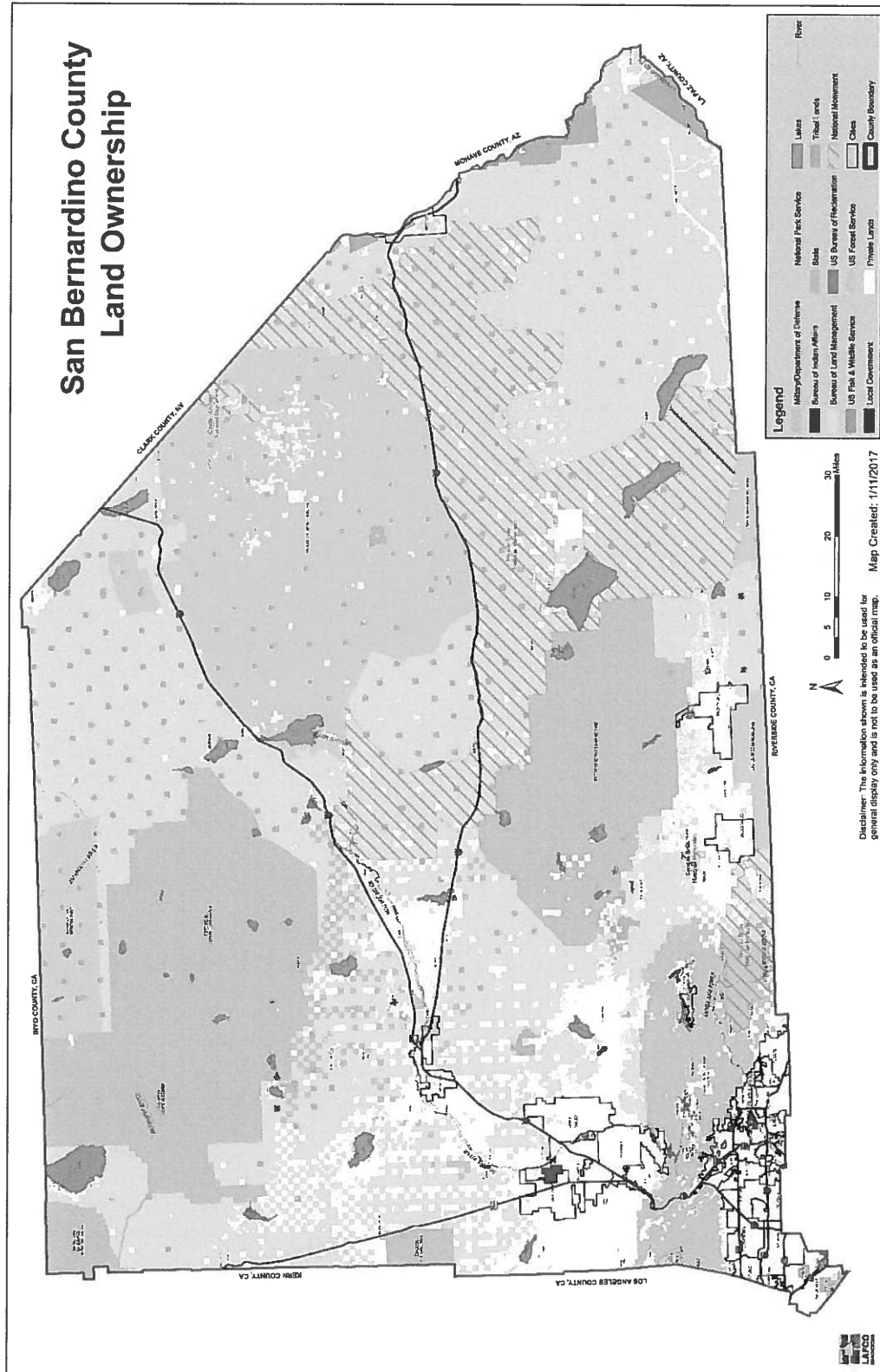
Source: San Bernardino County Community Indicators Report 2015

Table 2-2: Landownership within San Bernardino County

Land Ownership		
Land Owner	Sq. Miles	Percent
Bureau of Land Management	9,158	45.5%
Dept. of Defense	3,522	17.5%
Private Land	3,309	16.5%
National Park Service	2,849	14.2%
US Forest Service	736	3.7%
State of CA	412	2.0%
Bureau of Indian Affairs	99	0.5%
US Fish & Wildlife Service	10	0.0%
US Bureau of Reclamation	9	0.0%
Local Government	2	0.0%
TOTAL	20,106	100.0%
source: SB County		

In the past decade, four notable changes in public land ownership have occurred: (1) private lands along the railways from the Los Angeles County line to Barstow and east to Needles have transferred to the Bureau of Land Management, (2) expansion of Department of Defense lands, (3) increase of the National Parks Service Holdings with the expansion of Death Valley and Joshua Tree National Parks and the creation of the Mojave National Preserve, and (4) designation of four new national monuments in 2016.

Figure 2-3: Land Ownership Map



SECTION VI South Desert Region

Organization

As detailed in the Introduction, this Service Review is organized by San Bernardino County's four regions (Valley, Mountain, North Desert, and South Desert), with each region and its respective retail agencies reviewed as a distinct geographic area.

This section of the service review provides a review of the South Desert Region, including:

- A. Region Overview
- B. Primer on Senate Bill 88
- C. Hot Spot Identification
- D. Hot Spot Substantiation, Analysis, and Staff Recommendations
- E. Other Agencies Under LAFCO Purview – Staff Recommendations

Service Review Updates

In order to fulfill the requirements of Government Code §56430, service review updates are provided for the South Desert Region (Appendix E-1) and each public agency under LAFCO purview as well as the large private retail systems (Appendix E-2). A detailed listing of community water systems¹, wholesale entities, and joint powers authorities is included as a part of Appendix F.

A. SOUTH DESERT REGION OVERVIEW

According to the *County of San Bernardino General Plan (2012)*, the South Desert covers approximately 40.2 percent of the total County land area but contains only 3.6 percent of the County's population, as shown in Table 6-1, below.

Table 6-1: County Population by Region

Region	Area (sq. miles)	Population 2016
Valley	665	1,538,716
North Desert	10,778	451,575
South Desert	8,093	77,078
Mountain	571	50,854
TOTAL	20,107	2,118,223

The South Desert Region is primarily desert area, the majority of which is within the Mojave Desert and a portion within the Sonoran Desert (along the Colorado River area). Large portions of the South Desert are under government ownership, including the Marine Air Ground Task Force Training Command in Twentynine Palms and portions of Joshua Tree National Park. Outside of these areas, the largest landowner is the United

¹ A community water system is defined as a public water system which serves at least 15 year-round service connections or regularly serves at least 25 year-long residents.

States (with the Bureau of Land Management as manager of numerous recreational and wilderness areas). In general, the desert landscape coupled with the lack of private land ownership, does not provide for large scale development opportunities. In 2016 President Obama designated three new national monuments which are within the South Desert Region: Sand to Snow, Castle Mountain, and Mojave Trails.

History

The history of the South Desert is largely tied to the development of nation's highway and rail systems. The Needles area was founded in 1883 as a result of the construction of the Atchison, Topeka and Santa Fe Railway, which crossed the Colorado River. The name is derived from pointed mountain peaks and the wind-blown holes in them (which can only be seen by boat from the Colorado River), the Needles, at the south end of the valley. In 1913 the City of Needles incorporated. The City of Needles was a major stop on the historic U.S. Route 66 highway from the 1920s through 1960s. For immigrants from the mid-west Dust Bowl in the 1930s it was the first town, marking arrival in California. In 1949 the US Bureau of Reclamation began a mass project to dredge a new channel for the Colorado River that would straighten out a river bend that was causing massive silt problems following the completion of Hoover Dam.

US Route 66, originally established on November 11, 1926, began in Chicago, Illinois and terminated in Santa Monica, California – a distance of 2,448 miles. It was one of the original highways in the US highway system and bisected the Region. Many roadside services such as service stations and diners established their business models as a result of this highway. After World War II, Route 66 prospered as tourism and commerce expanded westward. When the Interstate Highway System was developed in the late 1950s and early 1960s, however, some routes were delegated to secondary status. In the case of Route 66, several Interstate Routes – most notably I-40 in the southwest (solely I-40 in San Bernardino County) – completely bypassed it, significantly impacting the economic vitality of many communities within the South Desert Region. US Route 66 was decommissioned in 1985.

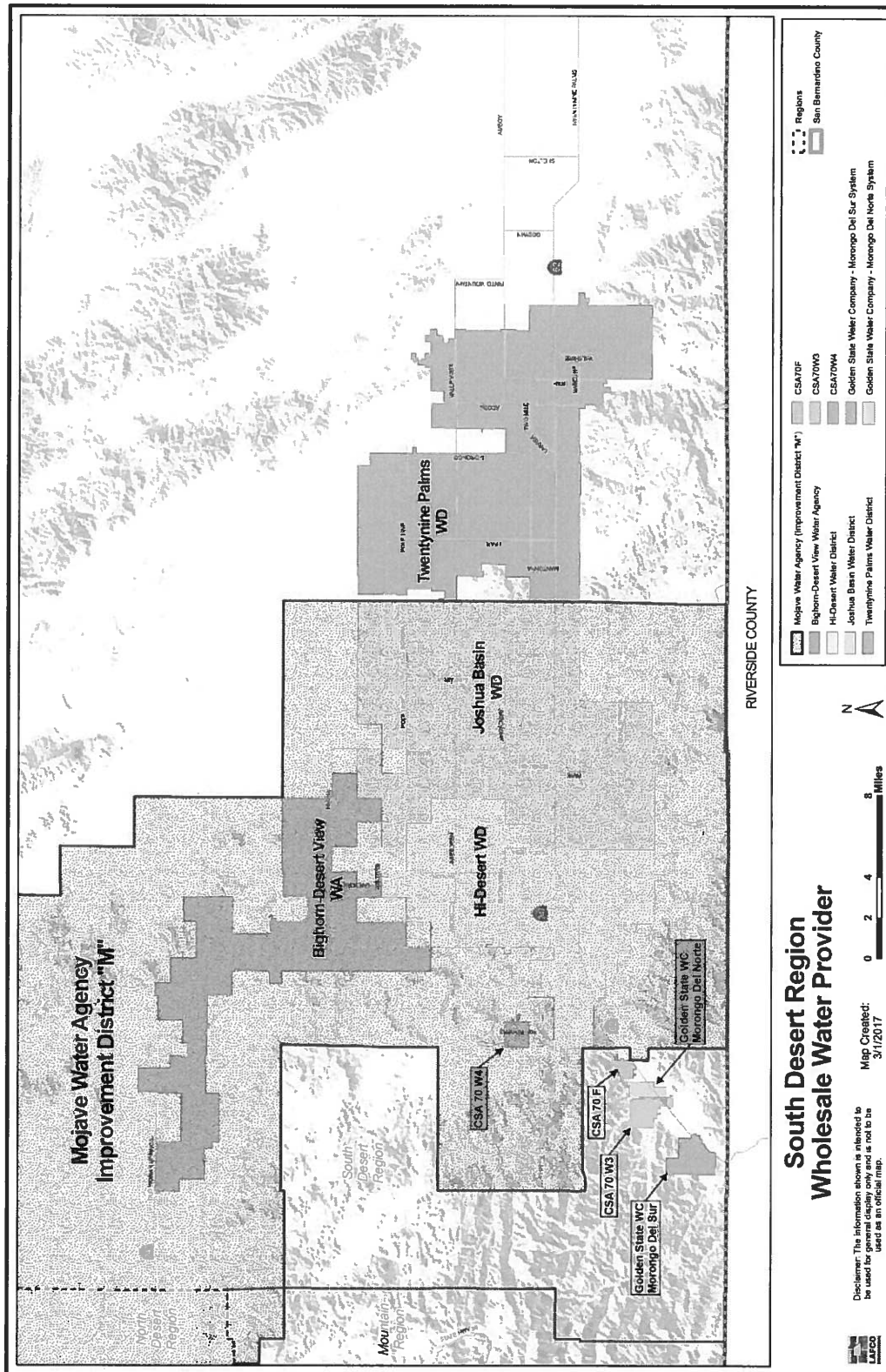
Highway extension west of Twentynine Palms was added to the state highway system in phases – with the portion from White Water to Morongo Valley added in 1935, and from Morongo Valley to Yucca Valley in 1959. Both were designated as Route 187. From Yucca Valley to Twentynine Palms, Route 218 was added in 1961. The portion from Twentynine Palms to Arizona was added to SR 62 in 1970. The South Desert provides the northern entrance to Joshua Tree National Park.

Location and Physical Setting

In general, South Desert communities are located along two major travel corridors: Interstate 40 (paralleling or overlaying historic Route 66) and Highway 62 (Twentynine Palms Highway). Communities include Morongo Valley, Yucca Valley, Yucca Mesa, Landers, Flamingo Heights, Pionertown, Joshua Tree, Twentynine Palms, Needles, and Big River. There is one wholesale water agency, Mojave Water Agency ("MWA"), whose service area extends from the North Desert Region into the South Desert Region. There are large portions of the South Desert located outside the MWA wholesale area including the Morongo Valley and the Cities of Needles and Twentynine Palms. MWA's area in the South Desert (Improvement District M) is shown below.

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Figure 6-1: South Desert Region – MWA Improvement District M



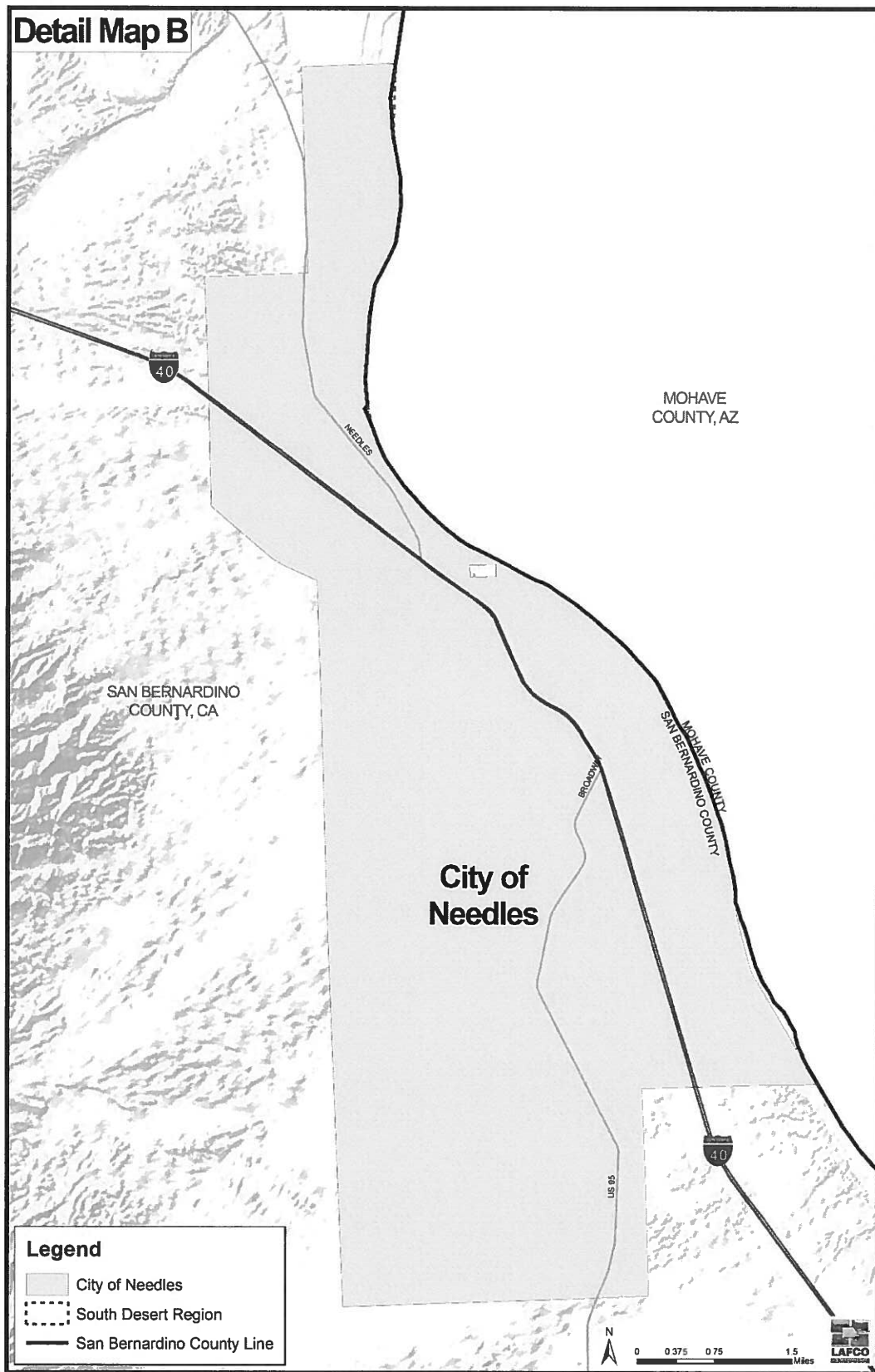
South Desert Water Purveyors

In the South Desert, there are nine agencies (one wholesaler) under direct San Bernardino LAFCO purview and three private water systems (see Figure 6-2). All the retailers supply water to their customers from groundwater; within MWA, water is replenished by natural percolation and imported water. Other strategies include storage and conjunctive use, recharge projects, conservation, and restoration.²

² “An Evaluation of California’s Adjudicated Groundwater Basins” prepared by the Center for Global, International and Regional Studies at the University of California, Santa Cruz for the State Water Resources Control Board. 2016.

[illegible]

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Colorado River



B. PRIMER ON SB 88 (SMALL WATER SYSTEMS) – CARROT & STICK

Many small community water systems are disadvantaged and isolated. This can lead to limited access to skilled operators and managers, lack of funding to operate or improve systems, and lack of financial acumen to navigate State funding process.

As the number of failing water systems climbed due in large part to the State's continuing drought conditions, SB 88 authorizes the State Water Board to order consolidation with a receiving water system where a public water system³, or a state small water system⁴ within a disadvantaged community⁵, consistently fails to provide an adequate supply of safe drinking water. This law expedites permanent solutions for failing water systems and those that have run out of water. Consolidation may involve physical consolidation of the participating water systems, management of the participating water systems, or both. Consolidation and extending service from existing public water systems generally reduces costs and improves reliability by extending development costs to a larger ratepayer pool.

The Carrot

As an inducement for consolidation, SB 88 added §116684 to the Health and Safety Code, limiting the liability of water systems, wholesalers, or any other agencies that deliver water to consolidated water systems. This liability relief is available regardless of whether the consolidation occurs through the mandatory consolidation process or through a voluntary act. To date, a number of systems have voluntarily consolidated, and many of these projects were funded by the Drinking Water State Revolving Fund Program, proceeds from the sale of state bonds (Prop. 1 and 84), and monies made available from the emergency drought relief package for consolidation or extension of service, including infrastructure improvements.

Particular to small water systems within the boundaries of MWA, Mojave Water Agency's Small Water Systems Assistance Program⁶ provides resources for disadvantaged and severely disadvantaged small water systems that lack staff, expertise, and funding to meet their individual water reliability, conservation and quality standards. The MWA service area includes 36 small water systems of which 65 percent meet the criteria of disadvantaged communities.

The Stick

As a last resort, if voluntary consolidation cannot be negotiated in a reasonable time period, the State Water Board may direct mandatory consolidation or a mandatory extension of service.

³ A public water system is a system that supplies water that has 15 or more service connections or regularly serves 25 individuals daily at least 60 days out of the year.

⁴ A state small water system is a system which provides water to the public that serves 5 to 14 service connections and does not serve more than an average of 25 people for more than 60 days of the year.

⁵ "Disadvantaged community" means a disadvantaged community, as defined in Section 79505.5 of the Water Code, which is located in an unincorporated area or is served by a mutual water company.

⁶ <http://www.smallwatersystems.org/index.html>

C. HOT SPOT IDENTIFICATION

The primary objective of this service review is to provide the Commission with recommendations to: (1) update the determinations from previous service reviews, and (2) initiate sphere of influence updates where appropriate. The identification of “hot spots” is used to arrive at these recommendations – those areas or agencies within the county which have significant water-related issues including, but not limited to, insufficient water supply, water quality related issues, deficient infrastructure, financial challenges and/or inadequate oversight and monitoring.

To identify the county’s water “hot spots”, staff utilized a multi-pronged approach. Previous service review reports and findings, audits and budgets, consumer confidence reports, and sanitary surveys were reviewed as well as state and county water reports. LAFCO’s geographic information system (“GIS”) was also used to identify future population growth areas, disadvantaged unincorporated communities, and small community water systems (between 15 and 1,000 connections)⁷ adjacent to another water system (which addresses SB 88). GIS data was obtained from the U.S. Census, ESRI, San Bernardino County Transportation Authority (formerly San Bernardino Associated Governments), County of San Bernardino, State Department of Water Resources, State Regional Water Quality Control Board, and the wholesale and retail water agencies.

The criteria listed in Table 6-2, below, were used to identify hot spots. Following the table, the hotspots are mapped in Figure 6-3.

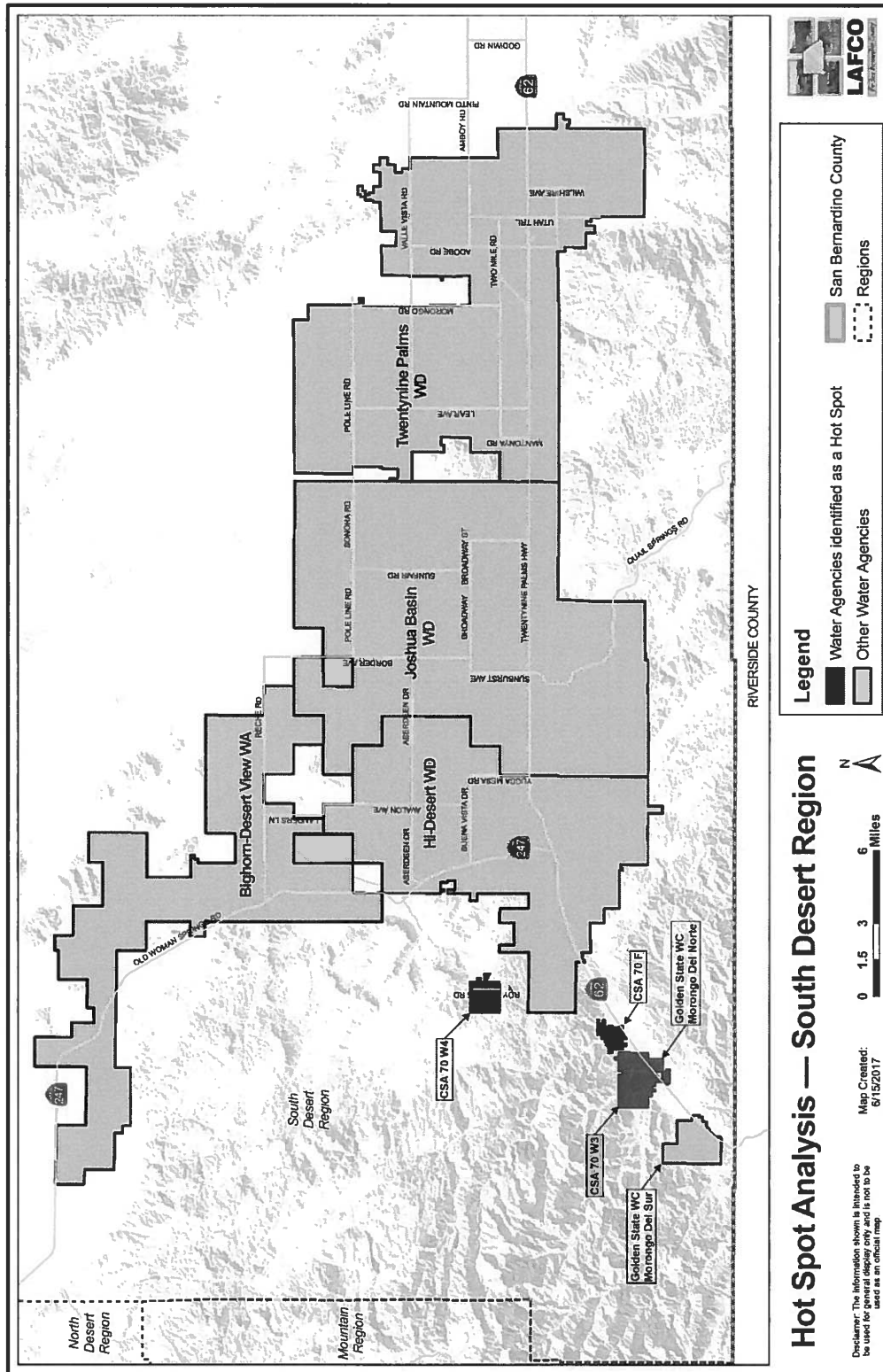
⁷ A community water system is defined as a public water system which serves at least 15 year-round service connections or regularly serves at least 25 year-long residents. A small community water system is more than 15 connections (25 people) but less than 1,000 connections (3,300 people).

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**Table 6-2:
Hot Spot Summary Identification – South Desert Region**

Key Code	<p>● Yes or High ◐ Portion ○ No or Low ? Unknown – N/A</p>	<p>CSD = Community Services District CWD = County Water District MWC = Mutual Water Company WC = Water Company WD = Water District</p>								
Water Purveyor	Within a Disadvantaged Unincorporated Community	Groundwater Basin Priority	Basin Population Growth	Lack of Intertie	Significant Deficiencies identified in Sanitary Survey Report	Financial Challenges per Audit	Small Community Water System (between 15 and 1,000 connections)	Other Matters Identified by LAFCO	Hot Spot	Reference Page in Report
Bighorn-Desert View Water Agency	●	Very Low	○	○	○	○	○	○		
City of Needles	○	Low	○	○	○	○	○	○		
County Service Area 70 Zone F	●	Very Low	◐	●	●	○	●	○	●	VI-13
County Service Area 70 Zone W-3	●	Very Low	◐	●	●	○	●	○	●	VI-13
County Service Area 70 Zone W-4	●	Very Low	○	●	●	○	●	○	●	VI-16
Golden State WC, Morongo Del Norte	●	Very Low	●	?	●	–	●	○	●	VI-13
Golden State WC Morongo Del Sur	◐	Very Low	●	?	●	–	○	○		
Havas Lake WC	○	Low	○	●	○	–	●	○		
Hi-Desert WD	◐	Med	●	○	○	○	○	○		
Joshua Basin WD	●	Med	●	○	○	○	○	○		
Twentynine Palms WD	◐	Low	○	○	○	○	○	○		

Figure 6-3:
Hot Spot Summary Identification – South Desert Region



D. HOT SPOT SUBSTANTIATION, ANALYSIS, AND STAFF RECOMMENDATIONS

As previously stated, the primary goal of this service review is to provide the Commission with recommendations to: (1) update the determinations from previous service reviews, and (2) initiate sphere of influence updates where appropriate. The remainder of this Section substantiates the hot spots identified in Table 6-2 above and includes staff's recommendations for Commission action.

MORONGO VALLEY CLUSTER
**COUNTY SERVICE AREA 70 ZONE F, COUNTY SERVICE AREA 70 ZONE W-3,
AND GOLDEN STATE WATER COMPANY MORONGO DEL NORTE**

Substantiation

Water Quality

The Morongo Valley in general has adequate groundwater supplies, but water quality is poor. A review of the water quality reports for all of the retail water systems indicates that there are high levels of uranium in the community's groundwater. Additionally, the previous service review conducted in 2012 identified that there were no intertie connections amongst the systems. This circumstance has not changed.

CSA 70 Zone F

According to the 2015 Consumer Confidence Report (water quality report) for CSA 70 Zone F, the source water is in violation of gross alpha and uranium by exceeding the maximum contaminant level ("MCL"). The report states that the likely source of contamination is from the erosion of natural deposits. In February 2016, County Special Districts Department issued a notice that gross alpha levels exceeded the MCL. For uranium exceeding the MCL, notices have been issued for the past four quarters. These notices were issued February 2016, May 2016, September 2016, and November 2016.

A review of the most recent Sanitary Survey Report on file with the County Department of Public Health dated 18 July 2016, identifies that the distribution lines are aging and require frequent maintenance. Further, the water exceeds the uranium MCL, and the system is required to sample for uranium and gross alpha on a continuous quarterly basis, and notify customers.

CSA 70 Zone W-3

According to the 2015 Consumer Confidence Report for CSA 70 Zone W-3, the source water is in violation of uranium by exceeding the MCL. The report indicates that the likely source of contamination is from the erosion of natural deposits. The last four notices issued by County Special Districts Department that uranium levels have exceeded the MCL area dated: 30 September 2015, 8 January 2016, 29 June 2016, and 28 February 2017.

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A review of the most recent Sanitary Survey Report on file with the County Department of Public Health dated 18 July 2016, identifies that the distribution lines are old and require frequent maintenance. Further, Well #1 exceeds the MCL for gross alpha and uranium, and Well #2 is very close to the MCL for both gross alpha and uranium. The survey states that the operator is blending water from both wells to be in compliance for gross alpha and uranium MCL.

Golden State WC Morongo del Norte

A review of the 2016 Consumer Confidence Report for 2015 identifies that the system meets all current federal and state requirements.

However, a review of the most recent Sanitary Survey Report on file with the County Department of Public Health dated 23 June 2016, identifies that the Elm well exceeds the uranium MCL and shall not be placed in service until a uranium treatment system is in place and operational or the district submits a compliance plan. Gross alpha and uranium levels are at or near MCL for Bella Vista and Highway wells.

Lack of Access to Supplemental Water

When Mojave Water Agency proposed to annex into the Morongo Basin in 1965, the communities of Morongo Valley and Twentynine Palms (as defined at that time) were excluded at their request. The sphere establishment for MWA in 1973 included only the existing territory of MWA in this area. Therefore, the Morongo Valley community lacks access to delivery of water for recharge via the Morongo Basin pipeline. Today, those residents who have their own on-site wells are susceptible to high uranium levels as well, especially in the northeastern portion of the community.

Bottled Water

In 2012 the County applied for State Revolving Loan Fund money for a treatment plant but was denied. In 2016 the County applied for roughly \$750,000 in state grant funds to deliver five gallons of bottled water to its Morongo and Pioneertown customers every two weeks for the next three years. However, the state denied the grant.

For the FY 2016-17 first quarter budget report, the County approved a budget adjustment of \$50,000 for Zone F and \$100,000 for Zone W-3 to offer bottled water service as an interim solution to providing potable well water. Both actions were funded by state grants.

Analysis

These three systems (CSA 70 Zone F, CSA Zone W-3, Golden State WC Morongo del Norte) are not under direct LAFCO purview. Even though these systems provide a municipal service, as a private entity or zones to a county service area, they do not have a sphere of influence.

The fourth system in the Morongo Valley is not identified in this service as a hot spot - Golden State WC Morongo del Sur. The State Water Resources Control Board has

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amended the Golden State WC Morongo del Sur system permit to allow for an ion exchange treatment system for the removal of uranium from the system's wells. The permit amendment states that the treatment system is acceptable for producing drinking water complies with all State drinking water requirements.

Nonetheless, each of these systems is classified as a small water system, and therefore is subject to SB 88 and its potential funds (carrot) and consolidation mandate (stick). It is staff's position that the systems strongly consider initiating consolidation on their own terms. This would make a consolidation application to the state more competitive since additional resources are available when three or more agencies consolidate. Further, with an existing ion exchange treatment system for the Golden State WC Morongo del Sur system, coupled with a similar system in the process of being installed for the Golden State WC Morongo del Norte system, the community as a whole could benefit from these treatments systems should consolidation occur.

Staff Recommendation

Based upon new information received since the previous service review and the hot spot substantiation above, staff recommends that the Commission update the previous service review determinations for CSA 70 Zones F and W-3 to include:

- a. The information described above.*
- b. Population and disadvantaged unincorporated communities as described in Appendix E-1.*
- c. Information from the Agency's Profile Sheet in Appendix E-2.*

COUNTY SERVICE AREA 70 ZONE W-4 (PIONEERTOWN)

Substantiation

County Service Area 70 Zone W-4 (“CSA 70 W-4”) is a small, isolated rural water system that extracts water from the Ames Valley Groundwater Basin to provide water to the community of Pioneertown located west of the Town of Yucca Valley.

According to the County’s Department of Health Services Small Water System Sanitary Survey Report (October 13, 2014), the Pioneertown water system consists of five active wells, four inactive wells and two storage tanks which serve a residential community (115 connections) and a small commercial area (five connections). A Notice of Violation was issued on March 28, 2016 by the U.S. Environmental Protection Agency indicating that the water system is in violation of the Safe Drinking Water Act and its National Primary Drinking Water Regulations for exceeding the MCL for arsenic, fluoride and uranium.

Bottled Water

In 2016 the County applied for roughly \$750,000 in state grant funds to deliver five gallons of bottled water to its Morongo and Pioneertown customers every two weeks for the next three years. However, the state denied the grant.

For the FY 2016-17 first quarter budget report, the County approved a budget adjustment of \$20,000 to offer bottled water service as an interim solution to providing potable well water. Both actions were funded by state grants.

Analysis

High levels of naturally occurring fluoride, arsenic and uranium in the Pioneertown wells currently require quarterly notifications be sent to residents. In 2012, the Health and Human Services Agency/California Department of Public Health provided a design grant project for CSA 70 W-4 to address design needs for remediation of water quality issues. Under the design grant, a number of long-term solutions to resolve the CSA 70 W-4 contamination issues were considered and evaluated for feasibility. The County determined that the most cost effective, feasible and sustainable solution would be a water exchange agreement between CSA 70 W-4 and a neighboring water agency – the Hi-Desert Water District.

CSA 70 W-4 completed a preliminary design (Webb & Associates) for construction of the interconnect pipeline and required booster stations on February 4, 2016, with a preliminary construction estimate of \$5 million. The County submitted a \$5 million grant application and was advised that about \$3 million is eligible for funding. Should that funding be received, that leaves about \$2 million to be financed possibly by the federal or state government. However, such financing would have to be repaid by the Pioneertown customers – roughly 120 service connections.

Following the EPA’s issuance of the March 2016 Notice of Violation (referenced above), the EPA issued a Consent Order in July 2016 to the San Bernardino Special Districts

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Department which includes specific actions and timeframes to bring the Pioneertown public water system into compliance with the requirements of the federal Safe Drinking Water Act and its National Primary Drinking Water Regulations. Key components of the Consent Order and their current status are listed below:

**Table 6-3:
CSA 70 W-4 Compliance Plan**

Compliance Plan Milestones	Status as of March 2017
Award of State Water Resources Control Board Contract and approval of grant funding by November 30, 2017	On September 1, 2015, County approved Resolution for grant submission to SWRCB; CSA 70 W-4 is considering additional avenues of funding to reduce costs that would be assumed by customers. CSA 70 W-4 Special Districts Department anticipates having a funding agreement in place by May 30, 2017.
Acquisition of the Wildlands Conservancy property by November 30, 2017	A section of Wildlands Conservancy property along the proposed pipeline course is needed by CSA 70 W- 4 to establish an upper booster pump station. On February 22, 2017, the EPA granted an extension to the County to acquire the Wildlands Conservancy property until April 18, 2017. County Real Estate Services is currently negotiating a purchase agreement with the Wildlands Conservancy and believes that the revised agreement will be approved by the Board of Supervisors on April 18, 2017.
Finalize Water Exchange Agreement between the County and Hi-Desert Water District by November 30, 2017	The Interconnect Pipeline Project requires establishing a water exchange agreement with the Hi-Desert Water District (“HDWD”). On February 22, 2016, the EPA granted an extension to the County to finalize the agreement until April 18, 2017. The County is currently completing final construction documents. Once finalized, the agreement must be approved by both HDWD and the County which is anticipated by April 18, 2017.
Project completion by June 30, 2019	The County indicates that the project completion date of June 30, 2019 is feasible.

The CSA 70 W-4 system is currently within the sphere of influence of the Hi-Desert Water District, which is party to the proposed water exchange. Although there is no LAFCO solution for this circumstance at this time, the CSA 70 W-4 system is classified as a small water system, and is eligible for SB 88 grant funds. This would require consolidation with an adjacent system – the Hi-Desert Water District. Further, the system is also under consideration by the State Water Board for potential Small Water System (SB 88) consolidation with the Hi-Desert Water District.

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Staff Recommendation

Based upon new information received since the previous service review and the hot spot substantiation above, staff recommends that the Commission update the previous service review determinations for CSA 70 Zone W-4 to include:

- a. The information described above.*
- b. Population and disadvantaged unincorporated communities as described in Appendix E-1.*
- c. Information from the Agency's Profile Sheet in Appendix E-2.*

**E. REMAINING AGENCIES UNDER LAFCO PURVIEW –
STAFF RECOMMENDATIONS**

The following agencies under LAFCO purview were not identified as a hot spot.

Bighorn-Desert View Water Agency
City of Needles
Hi-Desert Water District
Joshua Basin Water District
Mojave Water Agency (wholesale)
Twentynine Palms Water District

Recommendation for Remaining Agencies under LAFCO Purview

Based upon new information received since the previous service review, staff recommends that the Commission update the previous service review determinations for the agencies listed above to include:

- a. Population and disadvantaged unincorporated communities as described in Appendix E-1.*
- b. Regional and wholesale information from Appendix E-1.*
- c. Information from the Agency's Profile Sheet in Appendix E-2.*