



City of Lake Elsinore • City of Canyon Lake • County of Riverside
Elsinore Valley Municipal Water District • Santa Ana Watershed Project Authority

LESJWA BOARD OF DIRECTORS REGULAR MEETING

EVMWD, 31315 Chaney Street, Lake Elsinore, CA 92531

Board of Directors:

Brenda Dennstedt, Chair, Santa Ana Watershed Project Authority
Phil Williams, Vice Chair, Elsinore Valley Municipal Water District
Vicki Warren, Secretary/Treasurer, City of Canyon Lake
Robert Magee, City of Lake Elsinore
Kevin Jeffries, County of Riverside

THURSDAY, OCTOBER 18, 2018 – 4:00 P.M.

AGENDA

1. **CALL TO ORDER/PLEDGE OF ALLEGIANCE** (Brenda Dennstedt, Chair)

2. **ROLL CALL**

3. **PUBLIC COMMENTS**

Members of the public may address the Board on items within the jurisdiction of the Board; however, no action may be taken on an item not appearing on the agenda unless the action is otherwise authorized by Government Code §54954.2(b).

4. **CONSENT CALENDAR**

All matters listed on the Consent Calendar are considered routine and non-controversial and will be acted upon by the Board by one motion as listed below.

A. **APPROVAL OF MEETING MINUTES: JUNE 27, 2018**3
Recommendation: Approve as posted.

B. **TREASURER'S REPORTS: MAY/JUNE/JULY/AUGUST 2018**7
Recommendation: Approve as posted.

C. **COMMITTEE STATUS REPORT: JULY – SEPTEMBER 2018**.....35
Recommendation: Approve as posted.

D. **TMDL TASK FORCE REPORT: MAY 23, 2018 / AUGUST 15, 2018**.....47
Recommendation: Approve as posted.

5. **NEW BUSINESS**

A. **POLICY DIRECTION TO LAKE ELSINORE & CANYON LAKE TMDL TASK FORCE (MEMO 836)**53

Presenter: Mark Norton

Recommendation: Approve policy that funding contributions can be made to LE/CL TMDL Task Force and LESJWA from outside parties and allow funding contributions from LEAPS proponents and CR&R to the LE/CL TMDL Task Force to support coordination with the TMDL Update as defined in the original LE/CL TMDL FY 2018-19 Budget.

6. INFORMATIONAL REPORTS

Recommendation: Receive for information.

A. LAKE ELSINORE FISHERY MANAGEMENT TASKS REQUEST FOR PROPOSAL STATUS REPORT (MEMO 837).....55

Presenter: Mark Norton

B. TMDL REVISION AND UPDATE STATUS REPORT (MEMO 838).....75

Presenter: Mark Norton

C. LAKE ELSINORE ADVANCED PUMPED STORAGE PROJECT (LEAPS) UPDATE (MEMO 839).....77

Presenter: Mark Norton

D. COMMUNICATION LETTERS FOR THE FYE 2018 AUDIT AND STATE CONTROLLERS REPORT WITH TEAMAN, RAMIREZ & SMITH, INC

Presenter: Karen Williams

E. ADMINISTRATOR’S COMMENTS

F. DIRECTORS’ COMMENTS

i. LESJWA BOARD MEETING SCHEDULE – DECEMBER 20, 2018

G. FUTURE AGENDA ITEMS REQUESTS

7. ADJOURNMENT

Americans with Disabilities Act: If you require any special disability related accommodations to participate in the meeting, please call (951) 354-4243 or email svilla@sawpa.org. Notification at least 48 hours prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Request should specify the nature of the disability and the type of accommodation requested.

Materials related to an item on this agenda submitted to the Board after distribution of the agenda packet are available for public inspection during normal business hours at the SAWPA office, 11615 Sterling Avenue, Riverside, CA 92503, and available at www.sawpa.org, subject to staff’s ability to post documents prior to the meeting.

Declaration of Posting

I, Sara Villa, Board Secretary of the Lake Elsinore & San Jacinto Watersheds Authority declare that on Thursday, October 11, 2018, a copy of this agenda has been uploaded to the LESJWA website at www.mywatersheds.com and posted at the SAWPA office, 11615 Sterling Avenue, Riverside, CA 92503.

 /s\

<u>2018 – LESJWA Board of Directors Meetings</u>	
Third Thursday of Every Other Month (NOTE: Unless otherwise noticed, all LESJWA Board of Directors Meetings begin at 4:00 p.m., and held at EVMWD)	
February 15, 2018 [cancelled]	April 19, 2018
June 21, 2018 [adjourned] June 27, 2018 [adjourned regular]	August 16, 2018 [cancelled]
October 18, 2018	December 20, 2018

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY BOARD OF DIRECTORS MEETING

REGULAR MEETING MINUTES JUNE 27, 2018

BOARD OF DIRECTORS PRESENT

Brenda Dennstedt, Chair, Santa Ana Watershed Project Authority
Phil Williams, Vice Chair, Elsinore Valley Municipal Water District
Robert Magee, City of Lake Elsinore
Kevin Jeffries, County of Riverside

BOARD OF DIRECTORS ABSENT

Vicki Warren, Secretary/Treasurer, City of Canyon Lake

OTHERS PRESENT

David Wysocki, LESJWA Attorney
Liselle DeGrave, DeGrave Communications
Nicole Dailey, City of Lake Elsinore

LESJWA STAFF

Mark Norton, Karen Williams, Sara Villa

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE

The Regular Board of Directors meeting of the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) was called to order at 4:00 p.m. by Chair Dennstedt at the Elsinore Valley Municipal Water District, 31315 Chaney Street, Lake Elsinore, California.

2. ROLL CALL

Roll call was duly noted and recorded by the Clerk of the Board.

3. PUBLIC COMMENTS

There were no public comments.

4. CONSENT CALENDAR

A. APPROVAL OF MEETING MINUTES: APRIL 19, 2018

Recommendation: Approve as posted.

B. TREASURER'S REPORT: MARCH/APRIL 2018

Recommendation: Approve as posted.

C. COMMITTEE STATUS REPORT

Recommendation: Approve as posted.

D. TMDL TASK FORCE REPORT: MARCH 13, 2018

Recommendation: Approve as posted.

MOVED, approve the Consent Calendar.

Result:	Adopted (Unanimously)
Motion/Second:	Jeffries/Magee
Ayes:	Dennstedt, Jeffries, Magee, Williams
Nays:	None
Abstentions:	None
Absent:	Warren

5. NEW BUSINESS

A. EDUCATION AND OUTREACH SUPPORT SERVICES (MEMO 831)

Mark Norton recommended that the Board of Directors approve and extend the multi-year Task Order No. DEGR477-04 with DeGrave Communications for an amount not-to-exceed \$40,000 for the LESJWA Education and Outreach Program for Fiscal Years 2018-19 and 2019-20. Liselle DeGrave provided a PowerPoint presentation on the public education and outreach accomplishments and the next steps for the upcoming two years. DeGrave referenced the slides and provided examples of News Release, Public Notices, and Media Advisory for the Alum Applications, Fish Die-Off Support, and LESJWA Water Summit through the Friday Flyer, Press Enterprise, Valley News, and Canyon Lake POA. Managing LESJWA's Facebook page and providing feedback of the "likes" and "followers" on the events of the community such as *Splash into Spring* and *Fiesta Day*. It was noted that the next steps would be to continue managing the Facebook page, media outreach, community partnerships and events, the LESJWA booth at the 2018-19 OWOW Conference, and 2019-20 LESJWA Summit.

MOVED, approve and extend the multi-year Task Order No. DEGR477-04 with DeGrave Communications for an amount not-to-exceed \$40,000 (\$20,000/yr.) for the LESJWA Education & Outreach Program for Fiscal Years 2018-19 & 2019-20.

Result:	Adopted (Unanimously)
Motion/Second:	Williams, Magee
Ayes:	Dennstedt, Jeffries, Magee, Williams
Nays:	None
Abstentions:	None
Absent:	Warren

B. LESJWA AUDIT CONSULTANT SELECTION (MEMO 832)

Karen Williams informed the Board of Directors that every three to five years, SAWPA completes a request for proposal for audit services as a best business practice. Teaman, Ramirez & Smith was awarded the contract to provide audit services for both SAWPA and LESJWA. As a new requirement the auditor must communicate the engagement terms to the governing body in addition to management, the engagement letter must be signed by the Board Chair. Williams recommended that the Board of Directors receive and file the Engagement Letter for the FYE 2018 Audit and State Controllers Report and authorize the Board Chair to sign.

MOVED, approve the authorization of the Chair to sign the Engagement Letter for the FYE 2018 Audit and State Controllers Report with Teaman, Ramirez & Smith, Inc.

Result:	Adopted (Unanimously)
Motion/Second:	Williams, Jeffries
Ayes:	Dennstedt, Jeffries, Magee, Williams
Nays:	None
Abstentions:	None
Absent:	Warren

6. INFORMATIONAL REPORTS

Recommendation: Receive for information.

A. LAKE CONDITIONS STATUS REPORT (MEMO 834)

Nicole Dailey provided a PowerPoint presentation on the Lake Elsinore water quality conditions. The major challenges of the lake are the drought, algae blooms, and fish kills. The Lake Elsinore is a

freshwater lake and the rainfall for this year was 3.38 inches of rain and in 2017 we had 14.61 inches of rain. There was two (2) tons of Fish Die Off in August 2017, and 41 tons of Fish Die Off in May-June of 2018. It was noted that after the rains in 2017 there was a larger quantity of carp population in both Lake Elsinore and Canyon Lake. The Cyanobacteria update (blue green algae) first major bloom was in 2016, and the city conducted sampling from July 2016 to February 2018. LESJWA TMDL Task Force conducted sampling from June 2017 to April 2018, and the State sampled from May to June 2018. The cyanobacteria results were non-detected in February and April, though in May and June the microcystins were at caution levels; therefore, permanent caution signs were posted around the lake. The next steps for LESJWA and the Lake Elsinore Canyon Lake TMDL Task Force are a fish population survey, design of new lake signage, capture economic development opportunities, ongoing water quality monitoring, seek federal and state support, and explore short- and long-term strategies for overall health of Lake Elsinore.

Director Magee questioned when will the fish population survey occur? Mark Norton noted that the new fiscal year begins July 1st and a scope of work is already being developed to prepare a Request for Proposals and is anticipated to move forward in the next few months. Director Magee suggested that the following be part of the fish population survey process; Nicole Dailey, Jonathan Skinner, William Johnson, and Andy Kenney. Director Williams thanked the City of Lake Elsinore and Elsinore Valley Municipal Water District for being so quick to respond and clean-up the fish die-off.

Mark Norton noted that additional water quality sampling will be undertaken in Canyon Lake east bay coves due to some detection of brown algae in this area. The Alum Application is done twice a year, and the next one is scheduled in September.

This item was for informational and discussion purposes; no action was taken on Agenda Item No. 6.A.

B. LAKE ELSINORE AERATION & MIXING SYSTEM 2016 EXCESS OFFSET ANNUAL ACCOUNTING REPORT (MEMO 835)

Mark Norton recommended that the Board of Directors receive and file the annual report summarizing the offset credits generated by the Lake Elsinore Aeration & Mixing System (LEAMS) in calendar year 2016. Norton noted that the LESJWA Board approved the License Agreement for Offset Credits generated by LEAMS last year and has been submitted to the Regional Board.

This item was for informational and discussion purposes; no action was taken on Agenda Item No. 6.B.

C. ADMINISTRATOR'S COMMENTS

There were no Administrator's Comments.

D. DIRECTORS' COMMENTS

It was noted that the August 16, 2018 meeting has been cancelled; the next LESJWA Board of Directors meeting will be held October 18, 2018.

E. FUTURE AGENDA ITEMS REQUESTS

Director Magee requested a LEAPS update. FERC has issued comments on the LEAPS project and additional studies have been requested and are due back September 13. A report from staff on what was turned in and the status would be timely for the October meeting.

7. CLOSED SESSION

Chair Dennstedt recessed the meeting to Closed Session at 4:43 p.m. Designated personnel essential to the discussion of Agenda Item No. 7.A. were present during Closed Session.

**A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED EXPOSURE TO
LITIGATION-ONE POTENTIAL CASE GOVERNMENT CODE SECTION 54956.9(d)**

Chair Dennstedt resumed Open Session at 5:05 p.m. There was no reportable action.

8. ADJOURNMENT

There being no further business for review, Chair Dennstedt adjourned the meeting at 5:05 p.m.

**Approved at a Regular Meeting of the Lake Elsinore & San Jacinto Watersheds Authority Board of
Directors Meeting on Thursday, October 18, 2018.**

Brenda Dennstedt, Chair

Attest:

Sara Villa, Clerk of the Board

Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

May 2018

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 5/31/18

Balance as of 4/30/18	\$	677,324.97
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Funds Received

Deposits:

City of Hemet	\$	30.00
WRCAG	\$	2,700.00
Cash - LESJWA summit attendees	\$	90.00

Open - Grant Invoices

DWR - Prop 84 Grant - Inv 1 Retention	\$	6,502.97
DWR - Prop 84 Grant - Inv 2 Retention	\$	2,019.94
DWR - Prop 84 Grant - Inv 3 Retention	\$	546.38
DWR - Prop 84 Grant - Inv 4 Retention	\$	6,342.40
DWR - Prop 84 Grant - Inv 5 Retention	\$	17,814.74
DWR - Prop 84 Grant - Inv 6 Retention	\$	1,361.88
	\$	34,588.31

Open - Member & Other Contributions

Total Due LESJWA	\$	<u>34,588.31</u>
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Disbursement List - May 2018		<u>(82,836.49)</u>
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Funds Available as of 05/31/18	\$	<u>597,308.48</u>
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Funds Available:

Checking	\$	19,723.64
LAIF	\$	577,584.84
Total	\$	<u>597,308.48</u>

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2011 - 2018
as of May 31, 2018

Agency	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
March ARB	10,000.00	13,050.00	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00
CalTrans	10,000.00	13,050.00	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00
City of Beaumont	3,900.00	1,865.00	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00
City of Canyon Lake	3,396.00	644.00	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00
City of Hemet	22,696.00	6,286.00	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00
City of Lake Elsinore	73,133.00	-	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00
City of Menifee	20,458.00	23,649.00	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00
City of Moreno Valley	52,520.00	15,425.00	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00
City of Murrieta	650.00	-	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00
City of Perris	16,580.00	5,752.00	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00
City of Riverside	2,965.00	1,575.00	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00
City of San Jacinto	11,133.00	4,315.00	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00
City of Wildomar	3,859.00	4,461.00	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00
County of Riverside	32,919.00	-	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00
Dept of Fish and Game	10,000.00	13,050.00	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00
Eastern Municipal Water District	10,000.00	13,050.00	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00
Elsinore Valley Municipal Water District	61,070.00	-	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00
March JPA	10,000.00	13,050.00	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00
San Jacinto Agricultural Operators	14,011.00	28,278.00	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00
San Jacinto Dairy & CAFO Operators	10,000.00	10,211.00	12,500.00	16,225.00	-	-	-
Total	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00
Total Paid Contributions	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00
Total Outstanding Contributions	-	-	-	-	-	-	-
Total Outstanding Contributions	-	-	-	-	-	-	-
Total Outstanding All Years	-	-	-	-	-	-	-

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Eleven Months Ending Thursday, May 31, 2018

Assets

Checking - US Bank	\$19,723.64
L.A.I.F.	577,584.84
Accounts Receivable	<u>34,588.31</u>
Total Assets	<u><u>\$631,896.79</u></u>

Liabilities

Accounts Payable	<u>74,642.37</u>
Total Liabilities	<u>\$74,642.37</u>

Retained Earnings	729,529.61
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Excess Revenue over (under) Expenditures	<u>(\$172,275.19)</u>
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Total Net Assets	<u>\$557,254.42</u>
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Total Liabilities and Net Assets	<u><u>\$631,896.79</u></u>
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Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Eleven Months Ending Thursday, May 31, 2018

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$34,588.31	\$0.00	0.00%	(\$34,588.31)
LAIF Interest	0.00	8,697.58	2,440.00	356.46%	(6,257.58)
Member Agency Contributions	0.00	253,277.00	263,277.00	96.20%	10,000.00
Other Agency Contributions	2,700.00	568,681.00	585,982.00	97.05%	17,301.00
Miscellaneous Revenue	120.00	3,710.00	0.00	0.00%	(3,710.00)
Total Revenues	\$2,820.00	\$868,953.89	\$851,699.00	102.03%	(\$17,254.89)
Expenses					
Salaries - Regular	4,854.86	61,850.24	67,187.00	92.06%	5,336.76
Payroll Burden	2,121.58	27,028.53	29,360.00	92.06%	2,331.47
Overhead	6,850.20	87,270.68	94,800.00	92.06%	7,529.32
Audit Fees	0.00	5,500.00	5,500.00	100.00%	0.00
Consulting - General	30,167.45	747,038.88	683,735.00	109.26%	(63,303.88)
LEAMS Offset Credit License	0.00	107,823.00	107,824.00	100.00%	1.00
Legal Fees	0.00	1,881.25	500.00	376.25%	(1,381.25)
Meeting & Conference Expense	26.75	166.47	100.00	166.47%	(66.47)
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Other Expense	0.00	0.00	50.00	0.00%	50.00
Insurance Expense	0.00	2,536.00	2,485.00	102.05%	(51.00)
Interest Expense	43.18	134.03	50.00	268.06%	(84.03)
Total Expenditures	\$44,064.02	\$1,041,229.08	\$991,641.00	105.00%	(\$49,588.08)
Excess Revenue over (under) Expenditures	(\$41,244.02)	(\$172,275.19)	(\$139,942.00)	123.10%	\$32,333.19

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending May 31, 2018

	JPA		TMDL				Budget	% Used	Budget	Variance
	Administration		Task Force		Total					
Revenues										
State Grant Proceeds	\$	-	\$	34,588.31	\$	34,588.31	\$	-	100.00%	\$ (34,588.31)
LAIF Interest		8,697.58		-		8,697.58		2,440.00	356.46%	(6,257.58)
Member Agency Contributions		110,000.00		143,277.00		253,277.00		263,277.00	96.20%	10,000.00
Other Agency Contributions		-		568,681.00		568,681.00		585,982.00	97.05%	17,301.00
Miscellaneous Revenue	\$	3,710.00	\$	-	\$	3,710.00	\$	-	100.00%	\$ (3,710.00)
Total Revenues	\$	118,697.58	\$	746,546.31	\$	868,953.89	\$	851,699.00	102.03%	\$ (17,254.89)
Expenditures										
Salaries	\$	25,198.16	\$	36,652.08		61,850.24	\$	67,187.00	92.06%	\$ 5,336.76
Benefits		11,011.59		16,016.94		27,028.53		29,360.00	92.06%	2,331.47
Indirect Costs		35,554.59		51,716.09		87,270.68		94,800.00	92.06%	7,529.32
Audit Fees		5,500.00		-		5,500.00		5,500.00	100.00%	-
Consulting		27,865.53		719,173.35		747,038.88		683,735.00	109.26%	(63,303.88)
Legal Fees		1,881.25		-		1,881.25		500.00	0.00%	(1,381.25)
Meeting & Conference Expense		57.25		109.22		166.47		100.00	166.47%	(66.47)
Shipping & Postage				-		-		50.00	0.00%	50.00
Other Expense		-		-		-		50.00	0.00%	50.00
LEAMS Excess Offset Credit		-		107,823.00		107,823.00		107,824.00	100.00%	1.00
Insurance Expense		2,536.00		-		2,536.00		2,485.00	102.05%	(51.00)
Interest Expense		134.03		-		134.03		50.00	268.06%	(84.03)
Total Expenditures	\$	109,738.40	\$	931,490.68	\$	1,041,229.08	\$	991,641.00	105.00%	\$ (49,588.08)
Excess Revenue over (under) Expenditures	\$	8,959.18	\$	(184,944.37)	\$	(172,275.19)	\$	(139,942.00)	100.00%	\$ 32,333.19
Cash Balance @ 5/31/18	\$	67,389.40	\$	529,919.08	\$	597,308.48				

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
May 2018**

Check #	Check Date	Type	Vendor	Check Amount
EFT161	5/11/2018	CHK	Law Office of David L. Wysocki	\$262.50
EFT162	5/11/2018	CHK	Santa Ana Watershed Project Authority	\$14,175.07
EFT163	5/11/2018	CHK	CDM Smith Inc	\$49,598.43
EFT164	5/25/2018	CHK	DeGrave Communications	\$9,459.13
EFT165	5/25/2018	CHK	Wood Environment & Infrastructure	\$1,401.00
EFT166	5/31/2018	CHK	Risk Sciences	\$7,940.36
Total Disbursements May 2018				\$ 82,836.49

Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

June 2018

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 6/30/18

Balance as of 5/31/18 \$ 597,308.48

Funds Received

Deposits:

Open - Grant Invoices

DWR - Prop 84 Grant - Inv 1 Retention	\$ 6,502.97
DWR - Prop 84 Grant - Inv 2 Retention	\$ 2,019.94
DWR - Prop 84 Grant - Inv 3 Retention	\$ 546.38
DWR - Prop 84 Grant - Inv 4 Retention	\$ 6,342.40
DWR - Prop 84 Grant - Inv 5 Retention	\$ 17,814.74
DWR - Prop 84 Grant - Inv 6 Retention	\$ 1,361.88
	\$ 34,588.31

Open - Member & Other Contributions

Total Due LESJWA	<u><u>\$ 34,588.31</u></u>
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Disbursement List - June 2018

(58,719.19)

Funds Available as of 06/30/18

\$ 538,589.29

Funds Available:

Checking	\$ 11,004.45
LAIF	\$ 527,584.84
Total	<u><u>\$ 538,589.29</u></u>

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2011 - 2018
as of June 30, 2018

Agency	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
March ARB	10,000.00	13,050.00	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00
CalTrans	10,000.00	13,050.00	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00
City of Beaumont	3,900.00	1,865.00	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00
City of Canyon Lake	3,396.00	644.00	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00
City of Hemet	22,696.00	6,286.00	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00
City of Lake Elsinore	73,133.00	-	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00
City of Menifee	20,458.00	23,649.00	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00
City of Moreno Valley	52,520.00	15,425.00	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00
City of Murrieta	650.00	-	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00
City of Perris	16,580.00	5,752.00	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00
City of Riverside	2,965.00	1,575.00	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00
City of San Jacinto	11,133.00	4,315.00	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00
City of Wildomar	3,859.00	4,461.00	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00
County of Riverside	32,919.00	-	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00
Dept of Fish and Game	10,000.00	13,050.00	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00
Eastern Municipal Water District	10,000.00	13,050.00	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00
Elsinore Valley Municipal Water District	61,070.00	-	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00
March JPA	10,000.00	13,050.00	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00
San Jacinto Agricultural Operators	14,011.00	28,278.00	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00
San Jacinto Dairy & CAFO Operators	10,000.00	10,211.00	12,500.00	16,225.00	-	-	-
Total	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00
Total Paid Contributions	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00
Total Outstanding Contributions	-	-	-	-	-	-	-
Total Outstanding Contributions	-	-	-	-	-	-	-
Total Outstanding All Years	-	-	-	-	-	-	-

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Twelve Months Ending Saturday, June 30, 2018

Assets

Checking - US Bank	\$11,004.45
L.A.I.F.	527,584.84
Accounts Receivable	34,588.31
Accrued Accounts Receivable	3,948.75
Interest Receivable	2,893.80
Prepaid Insurance	2,553.00
Total Assets	<u>\$582,573.15</u>

Liabilities

Accounts Payable	32,183.55
Accrued Accounts Payable	38,152.14
Total Liabilities	<u>\$70,335.69</u>

Retained Earnings	729,529.61
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Excess Revenue over (under) Expenditures	<u>(\$217,292.15)</u>
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Total Net Assets	<u>\$512,237.46</u>
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Total Liabilities and Net Assets	<u>\$582,573.15</u>
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Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Twelve Months Ending Saturday, June 30, 2018

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$34,588.31	\$0.00	0.00%	(\$34,588.31)
LAIF Interest	2,893.80	11,591.38	2,440.00	475.06%	(9,151.38)
Member Agency Contributions	0.00	253,277.00	263,277.00	96.20%	10,000.00
Other Agency Contributions	3,948.75	572,629.75	585,982.00	97.72%	13,352.25
Miscellaneous Revenue	0.00	3,710.00	0.00	0.00%	(3,710.00)
Total Revenues	\$6,842.55	\$875,796.44	\$851,699.00	102.83%	(\$24,097.44)
Expenses					
Salaries - Regular	4,218.29	66,068.53	67,187.00	98.34%	1,118.47
Payroll Burden	1,843.40	28,871.93	29,360.00	98.34%	488.07
Overhead	5,952.01	93,222.69	94,800.00	98.34%	1,577.31
Audit Fees	0.00	5,500.00	5,500.00	100.00%	0.00
Consulting - General	38,095.62	785,134.50	683,735.00	114.83%	(101,399.50)
LEAMS Offset Credit License	0.00	107,823.00	107,824.00	100.00%	1.00
Legal Fees	1,531.25	3,412.50	500.00	682.50%	(2,912.50)
Meeting & Conference Expense	162.42	328.89	100.00	328.89%	(228.89)
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Other Expense	0.00	0.00	50.00	0.00%	50.00
Insurance Expense	0.00	2,536.00	2,485.00	102.05%	(51.00)
Interest Expense	56.52	190.55	50.00	381.10%	(140.55)
Total Expenditures	\$51,859.51	\$1,093,088.59	\$991,641.00	110.23%	(\$101,447.59)
Excess Revenue over (under) Expenditures	(\$45,016.96)	(\$217,292.15)	(\$139,942.00)	155.27%	\$77,350.15

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending June 30, 2018

	JPA	TMDL				Budget	% Used	Budget
	Administration	Task Force	Total					Variance
Revenues								
State Grant Proceeds	\$ -	\$ 34,588.31	\$ 34,588.31	\$ -	100.00%	\$ (34,588.31)		
LAIF Interest	11,591.38	-	11,591.38	2,440.00	475.06%	(9,151.38)		
Member Agency Contributions	110,000.00	143,277.00	253,277.00	263,277.00	96.20%	10,000.00		
Other Agency Contributions	3,948.75	568,681.00	572,629.75	585,982.00	97.72%	13,352.25		
Miscellaneous Revenue	\$ 3,710.00	\$ -	\$ 3,710.00	\$ -	100.00%	\$ (3,710.00)		
Total Revenues	\$ 125,540.13	\$ 746,546.31	\$ 875,796.44	\$ 851,699.00	102.83%	\$ (24,097.44)		
Expenditures								
Salaries	\$ 27,382.27	\$ 38,686.26	66,068.53	\$ 67,187.00	98.34%	\$ 1,118.47		
Benefits	11,966.05	16,905.88	28,871.93	29,360.00	98.34%	488.07		
Indirect Costs	38,636.37	54,586.32	93,222.69	94,800.00	98.34%	1,577.31		
Audit Fees	5,500.00	-	5,500.00	5,500.00	100.00%	-		
Consulting	27,865.53	757,268.97	785,134.50	683,735.00	114.83%	(101,399.50)		
Legal Fees	3,412.50	-	3,412.50	500.00	0.00%	(2,912.50)		
Meeting & Conference Expense	83.41	245.48	328.89	100.00	328.89%	(228.89)		
Shipping & Postage		-	-	50.00	0.00%	50.00		
Other Expense	-	-	-	50.00	0.00%	50.00		
LEAMS Excess Offset Credit	-	107,823.00	107,823.00	107,824.00	100.00%	1.00		
Insurance Expense	2,536.00	-	2,536.00	2,485.00	102.05%	(51.00)		
Interest Expense	190.55	-	190.55	50.00	381.10%	(140.55)		
Total Expenditures	\$ 117,572.68	\$ 975,515.91	\$ 1,093,088.59	\$ 991,641.00	110.23%	\$ (101,447.59)		
Excess Revenue over (under) Expenditures	\$ 7,967.45	\$ (228,969.60)	\$ (217,292.15)	\$ (139,942.00)	100.00%	\$ 77,350.15		
Cash Balance @ 6/30/18	\$ 67,177.11	\$ 471,412.18	\$ 538,589.29					

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
June 2018**

Check #	Check Date	Type	Vendor	Check Amount
1090	6/28/2018	CHK	Alliant Insurance Services	\$2,553.00
EFT167	6/8/2018	CHK	Wood Environment & Infrastructure	\$8,373.35
EFT168	6/14/2018	CHK	Santa Ana Watershed Project Authority	\$13,896.57
EFT169	6/14/2018	CHK	CDM Smith Inc	\$22,205.00
EFT170	6/28/2018	CHK	Risk Sciences	\$6,119.57
EFT171	6/28/2018	CHK	DeGrave Communications	\$940.70
EFT172	6/28/2018	CHK	Wood Environment & Infrastructure	\$4,631.00
Total Disbursements June 2018				<u>\$ 58,719.19</u>

Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

July 2018

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 07/31/18

Balance as of 6/30/18	\$	538,589.29
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Funds Received

Deposits:

Riverside	\$	20,000.00
WRCAG	\$	3,948.75
Canyon Lake	\$	20,000.00
RCFCD	\$	20,000.00
LAIF Interest	\$	2,893.80

Open - Grant Invoices

DWR - Prop 84 Grant - Inv 1 Retention	\$	6,502.97
DWR - Prop 84 Grant - Inv 2 Retention	\$	2,019.94
DWR - Prop 84 Grant - Inv 3 Retention	\$	546.38
DWR - Prop 84 Grant - Inv 4 Retention	\$	6,342.40
DWR - Prop 84 Grant - Inv 5 Retention	\$	17,814.74
DWR - Prop 84 Grant - Inv 6 Retention	\$	1,361.88
	\$	34,588.31

Open - Member & Other Contributions

City of Lake Elsinore	\$	20,000.00
Elsinore Valley Municipal Water District	\$	20,000.00
Santa Ana Watershed Project Authority	\$	10,000.00
	\$	50,000.00

Total Due LESJW/	\$	84,588.31
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Disbursement List - July 2018

(32,183.55)

Funds Available as of 07/31/18

\$ 573,248.29

Funds Available:

Checking	\$	92,769.65
LAIF	\$	480,478.64
Total	\$	573,248.29

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2011 - 2019
as of July 31, 2018

Agency	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
March ARB	10,000.00	13,050.00	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00	27,890.00
CalTrans	10,000.00	13,050.00	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00	29,996.00
City of Beaumont	3,900.00	1,865.00	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00	14,160.00
City of Canyon Lake	3,396.00	644.00	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00	28,780.00
City of Hemet	22,696.00	6,286.00	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00	29,084.00
City of Lake Elsinore	73,133.00	-	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00	28,521.00
City of Menifee	20,458.00	23,649.00	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00	127,552.00
City of Moreno Valley	52,520.00	15,425.00	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00	144,495.00
City of Murrieta	650.00	-	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00	23,996.00
City of Perris	16,580.00	5,752.00	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00	73,375.00
City of Riverside	2,965.00	1,575.00	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00	24,896.00
City of San Jacinto	11,133.00	4,315.00	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00	27,296.00
City of Wildomar	3,859.00	4,461.00	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00	21,872.00
County of Riverside	32,919.00	-	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00	76,601.00
CR&R								23,182.00
Dept of Fish and Game	10,000.00	13,050.00	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00	16,818.00
Eastern Municipal Water District	10,000.00	13,050.00	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00	16,222.00
Elsinore Valley Municipal Water District	61,070.00	-	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00	12,626.00
March JPA	10,000.00	13,050.00	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00	24,596.00
Nevada Hydro								17,996.00
San Jacinto Agricultural Operators	14,011.00	28,278.00	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00	58,461.00
San Jacinto Dairy & CAFO Operators	10,000.00	10,211.00	12,500.00	16,225.00	-	-	-	2,700.00
Total	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	851,115.00
Total Paid Contributions	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	-
Total Outstanding Contributions	-	-	-	-	-	-	-	851,115.00
Total Outstanding Contributions								
March ARB								27,890.00
CalTrans								29,996.00
City of Beaumont								14,160.00
City of Canyon Lake								28,780.00
City of Hemet								29,084.00
City of Lake Elsinore								28,521.00
City of Menifee								127,552.00
City of Moreno Valley								144,495.00
City of Murrieta								23,996.00
City of Perris								73,375.00
City of Riverside								24,896.00
City of San Jacinto								27,296.00
City of Wildomar								21,872.00
County of Riverside								76,601.00
CR&R								23,182.00
Dept of Fish and Game								16,818.00
Eastern Municipal Water District								16,222.00
Elsinore Valley Municipal Water District								12,626.00
March JPA								24,596.00
Nevada Hydro								17,996.00
San Jacinto Agricultural Operators								58,461.00
San Jacinto Dairy & CAFO Operators								2,700.00
Total Outstanding All Years	-	-	-	-	-	-	-	851,115.00

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the One Month Ending Tuesday, July 31, 2018

Assets

Checking - US Bank	\$92,769.65
L.A.I.F.	480,478.64
Accounts Receivable	84,588.31
Total Assets	<u>\$657,836.60</u>

Liabilities

Accounts Payable	78,262.20
Total Liabilities	<u>\$78,262.20</u>

Retained Earnings	512,233.10
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Excess Revenue over (under) Expenditures	<u>\$67,341.30</u>
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Total Net Assets	<u>\$579,574.40</u>
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Total Liabilities and Net Assets	<u><u>\$657,836.60</u></u>
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Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the One Month Ending Tuesday, July 31, 2018

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
Member Agency Contributions	\$110,000.00	\$110,000.00	\$0.00	0.00%	(\$110,000.00)
Total Revenues	\$110,000.00	\$110,000.00	\$0.00	0.00%	(\$110,000.00)
Expenses					
Salaries - Regular	3,810.20	3,810.20	0.00	0.00%	(3,810.20)
Payroll Burden	1,665.06	1,665.06	0.00	0.00%	(1,665.06)
Overhead	5,376.19	5,376.19	0.00	0.00%	(5,376.19)
Consulting - General	29,079.25	29,079.25	0.00	0.00%	(29,079.25)
Legal Fees	175.00	175.00	0.00	0.00%	(175.00)
Insurance Expense	2,553.00	2,553.00	0.00	0.00%	(2,553.00)
Total Expenditures	\$42,658.70	\$42,658.70	\$0.00	0.00%	(\$42,658.70)
Excess Revenue over (under) Expenditures	\$67,341.30	\$67,341.30	\$0.00	0.00%	(\$67,341.30)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending July 31, 2018

	JPA	TMDL					
	Administration	Task Force	Total	Budget	% Used	Budget	Variance
Revenues							
State Grant Proceeds	\$ -	\$ -	\$ -	\$ -	100.00%	\$ -	
LAIF Interest	-	-	-	5,000.00	0.00%	5,000.00	
Member Agency Contributions	110,000.00	-	110,000.00	256,528.00	42.88%	146,528.00	
Other Agency Contributions	-	-	-	704,584.00	0.00%	704,584.00	
Miscellaneous Revenue	-	-	-	-	100.00%	-	
Total Revenues	\$ 110,000.00	\$ -	\$ 110,000.00	\$ 966,112.00	11.39%	\$ 856,112.00	
Expenditures							
Salaries	\$ 1,060.93	\$ 2,749.27	\$ 3,810.20	\$ 75,352.00	5.06%	\$ 71,541.80	
Benefits	463.63	1,201.43	1,665.06	32,928.00	5.06%	31,262.94	
Indirect Costs	1,496.97	3,879.22	5,376.19	106,320.00	5.06%	100,943.81	
Audit Fees	-	-	-	5,000.00	0.00%	5,000.00	
Consulting	1,253.14	27,826.11	29,079.25	686,112.00	4.24%	657,032.75	
Legal Fees	175.00	-	175.00	850.00	0.00%	675.00	
Meeting & Conference Expense	-	-	-	100.00	0.00%	100.00	
Shipping & Postage	-	-	-	50.00	0.00%	50.00	
Other Expense	-	-	-	59.00	0.00%	59.00	
LEAMS Excess Offset Credit	-	-	-	176,700.00	0.00%	176,700.00	
Insurance Expense	2,553.00	-	2,553.00	2,536.00	100.67%	(17.00)	
Office Supplies	-	-	-	60.00	0.00%	60.00	
Interest Expense	-	-	-	91.00	0.00%	91.00	
Total Expenditures	\$ 7,002.67	\$ 35,656.03	\$ 42,658.70	\$ 1,086,158.00	3.93%	\$ 1,043,499.30	
Excess Revenue over (under) Expenditures	\$ 102,997.33	\$ (35,656.03)	\$ 67,341.30	\$ (120,046.00)	100.00%	\$ (187,387.30)	
Cash Balance @ 7/31/18	\$ 162,958.48	\$ 410,289.81	\$ 573,248.29				

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
July 2018**

Check #	Check Date	Type	Vendor	Check Amount
EFT173	7/12/2018	CHK	Law Office of David L. Wysoc	\$1,531.25
EFT174	7/12/2018	CHK	Santa Ana Watershed Project	\$12,176.12
EFT175	7/12/2018	CHK	CDM Smith Inc	\$18,476.18
Total Disbursements July 2018				\$ 32,183.55

Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

August 2018

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 08/31/18

Balance as of 7/31/18 \$ 573,248.29

Funds Received

Deposits:

SAWPA (Member Contribution)	\$ 10,000.00
SAWPA (Prop84 Retention)	\$ 34,588.31
Riverside County	\$ 76,601.00
Lake Elsinore	\$ 28,521.00
EVMWD	\$ 20,000.00
EMWD	\$ 16,222.00
March JPA	\$ 22,796.00
Canyon Lake	\$ 22,780.00
Hemet	\$ 22,184.00
March AFR	\$ 22,490.00
EVMWD	\$ 12,626.00
San Jacinto	\$ 22,796.00
Beaumont	\$ 13,260.00
WRCAG	\$ 23,959.65

Open - Grant Invoices

Open - Member & Other Contributions

City of Lake Elsinore	\$ 20,000.00
City of Moreno Valley	\$ 94,995.00
City of Murietta	\$ 22,796.00
City of Perris	\$ 50,275.00
City of Riverside	\$ 22,796.00
City of Meniffee	\$ 81,052.00
City of Wildomar	\$ 12,572.00
WRCAG	\$ 12,901.35
CA Department of Transportation	\$ 22,796.00
CA Department of Fish & Game	\$ 16,818.00

Total Due LESJW/ \$ 357,001.35

Disbursement List - August 2018 (50,436.09)

Funds Available as of 08/31/18 \$ 871,636.16

Funds Available:

Checking	\$ 141,157.52
LAIF	\$ 730,478.64
Total	<u><u>\$ 871,636.16</u></u>

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2011 - 2019
as of August 31, 2018

Agency	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
March ARB	10,000.00	13,050.00	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00	27,890.00
CalTrans	10,000.00	13,050.00	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00	29,996.00
City of Beaumont	3,900.00	1,865.00	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00	14,160.00
City of Canyon Lake	3,396.00	644.00	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00	28,780.00
City of Hemet	22,696.00	6,286.00	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00	29,084.00
City of Lake Elsinore	73,133.00	-	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00	28,521.00
City of Menifee	20,458.00	23,649.00	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00	127,552.00
City of Moreno Valley	52,520.00	15,425.00	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00	144,495.00
City of Murrieta	650.00	-	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00	23,996.00
City of Perris	16,580.00	5,752.00	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00	73,375.00
City of Riverside	2,965.00	1,575.00	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00	24,896.00
City of San Jacinto	11,133.00	4,315.00	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00	27,296.00
City of Wildomar	3,859.00	4,461.00	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00	21,872.00
County of Riverside	32,919.00	-	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00	76,601.00
CR&R	-	-	-	-	-	-	-	23,182.00
Dept of Fish and Game	10,000.00	13,050.00	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00	16,818.00
Eastern Municipal Water District	10,000.00	13,050.00	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00	16,222.00
Elsinore Valley Municipal Water District	61,070.00	-	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00	12,626.00
March JPA	10,000.00	13,050.00	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00	24,596.00
Nevada Hydro	-	-	-	-	-	-	-	17,996.00
San Jacinto Agricultural Operators	14,011.00	28,278.00	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00	58,461.00
San Jacinto Dairy & CAFO Operators	10,000.00	10,211.00	12,500.00	16,225.00	-	-	-	2,700.00
Total	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	851,115.00
Total Paid Contributions	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	284,235.65
Total Outstanding Contributions	-	-	-	-	-	-	-	566,879.35
Total Outstanding Contributions								
March ARB	-	-	-	-	-	-	-	5,400.00
CalTrans	-	-	-	-	-	-	-	29,996.00
City of Beaumont	-	-	-	-	-	-	-	900.00
City of Canyon Lake	-	-	-	-	-	-	-	6,000.00
City of Hemet	-	-	-	-	-	-	-	6,900.00
City of Menifee	-	-	-	-	-	-	-	127,552.00
City of Moreno Valley	-	-	-	-	-	-	-	144,495.00
City of Murrieta	-	-	-	-	-	-	-	23,996.00
City of Perris	-	-	-	-	-	-	-	73,375.00
City of Riverside	-	-	-	-	-	-	-	24,896.00
City of San Jacinto	-	-	-	-	-	-	-	4,500.00
City of Wildomar	-	-	-	-	-	-	-	21,872.00
CR&R	-	-	-	-	-	-	-	23,182.00
Dept of Fish and Game	-	-	-	-	-	-	-	16,818.00
March JPA	-	-	-	-	-	-	-	1,800.00
Nevada Hydro	-	-	-	-	-	-	-	17,996.00
San Jacinto Agricultural Operators	-	-	-	-	-	-	-	34,501.35
San Jacinto Dairy & CAFO Operators	-	-	-	-	-	-	-	2,700.00
Total Outstanding All Years	-	-	-	-	-	-	-	566,879.35

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Two Months Ending Friday, August 31, 2018

Assets

Checking - US Bank	\$141,157.52
L.A.I.F.	730,478.64
Accounts Receivable	357,001.35
Total Assets	<u>\$1,228,637.51</u>

Liabilities

Accounts Payable	79,898.05
Total Liabilities	<u>\$79,898.05</u>

Retained Earnings	512,233.10
-------------------	------------

Excess Revenue over (under) Expenditures	<u>\$636,506.36</u>
--	---------------------

Total Net Assets	<u>\$1,148,739.46</u>
------------------	-----------------------

Total Liabilities and Net Assets	<u><u>\$1,228,637.51</u></u>
----------------------------------	------------------------------

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Two Months Ending Friday, August 31, 2018

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
LAIF Interest	\$0.00	\$0.00	\$5,000.00	0.00%	\$5,000.00
Member Agency Contributions	140,528.00	250,528.00	256,528.00	97.66%	6,000.00
Other Agency Contributions	480,709.00	480,709.00	704,584.00	68.23%	223,875.00
Total Revenues	\$621,237.00	\$731,237.00	\$966,112.00	75.69%	\$234,875.00
Expenses					
Salaries - Regular	5,296.21	9,106.41	75,352.00	12.09%	66,245.59
Payroll Burden	2,314.45	3,979.51	32,928.00	12.09%	28,948.49
Overhead	7,472.95	12,849.14	106,320.00	12.09%	93,470.86
Audit Fees	0.00	0.00	5,000.00	0.00%	5,000.00
Consulting - General	36,988.33	66,067.58	686,112.00	9.63%	620,044.42
LEAMS Offset Credit License	0.00	0.00	176,700.00	0.00%	176,700.00
Legal Fees	0.00	175.00	850.00	20.59%	675.00
Meeting & Conference Expense	0.00	0.00	100.00	0.00%	100.00
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Other Expense	0.00	0.00	59.00	0.00%	59.00
Insurance Expense	0.00	2,553.00	2,536.00	100.67%	(17.00)
Interest Expense	0.00	0.00	91.00	0.00%	91.00
Total Expenditures	\$52,071.94	\$94,730.64	\$1,086,158.00	8.72%	\$991,427.36
Excess Revenue over (under) Expenditures	\$569,165.06	\$636,506.36	(\$120,046.00)	-530.22%	(\$756,552.36)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending August 31, 2018

	JPA	TMDL				Budget	% Used	Budget
	Administration	Task Force	Total					Variance
Revenues								
State Grant Proceeds	\$ -	\$ -	\$ -	\$ -	100.00%	\$ -		
LAIF Interest	-	-	-	5,000.00	0.00%	5,000.00		
Member Agency Contributions	110,000.00	140,528.00	250,528.00	256,528.00	97.66%	6,000.00		
Other Agency Contributions	-	480,709.00	480,709.00	704,584.00	68.23%	223,875.00		
Miscellaneous Revenue	-	-	-	-	100.00%	-		
Total Revenues	\$ 110,000.00	\$ 621,237.00	\$ 731,237.00	\$ 966,112.00	75.69%	\$ 234,875.00		
Expenditures								
Salaries	\$ 2,956.39	\$ 6,150.02	\$ 9,106.41	\$ 75,352.00	12.09%	\$ 66,245.59		
Benefits	1,291.95	2,687.56	3,979.51	32,928.00	12.09%	28,948.49		
Indirect Costs	4,171.46	8,677.68	12,849.14	106,320.00	12.09%	93,470.86		
Audit Fees	-	-	-	5,000.00	0.00%	5,000.00		
Consulting	3,193.26	62,874.32	66,067.58	686,112.00	9.63%	620,044.42		
Legal Fees	175.00	-	175.00	850.00	0.00%	675.00		
Meeting & Conference Expense	-	-	-	100.00	0.00%	100.00		
Shipping & Postage	-	-	-	50.00	0.00%	50.00		
Other Expense	-	-	-	59.00	0.00%	59.00		
LEAMS Excess Offset Credit	-	-	-	176,700.00	0.00%	176,700.00		
Insurance Expense	2,553.00	-	2,553.00	2,536.00	100.67%	(17.00)		
Office Supplies	-	-	-	60.00	0.00%	60.00		
Interest Expense	-	-	-	91.00	0.00%	91.00		
Total Expenditures	\$ 14,341.06	\$ 80,389.58	\$ 94,730.64	\$ 1,086,158.00	8.72%	\$ 991,427.36		
Excess Revenue over (under) Expenditures	\$ 95,658.94	\$ 540,847.42	\$ 636,506.36	\$ (120,046.00)	100.00%	\$ (756,552.36)		
Cash Balance @ 8/31/18	\$ 158,447.93	\$ 713,188.23	\$ 871,636.16					

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
August 2018**

Check #	Check Date	Type	Vendor	Check Amount
EFT176	8/9/2018	CHK	CDM Smith Inc	\$7,527.75
EFT177	8/17/2018	CHK	Wood Environment & Infrastructure	\$30,567.87
EFT178	8/31/2018	CHK	Law Office of David L. Wysocki	\$175.00
EFT179	8/31/2018	CHK	Santa Ana Watershed Project Authority	\$10,912.33
EFT180	8/31/2018	CHK	DeGrave Communications	\$1,253.14
Total Disbursements August 2018				<u>\$50,436.09</u>

Lake Elsinore San Jacinto Watersheds Authority **Public Education and Outreach Program**

Quarterly Activity Report
July – September 2018

During the months of July – September 2018, DeGrave Communications, Inc. conducted communication support for LESJWA, in accordance to the public education and outreach program contract set forth in the original proposal for services. The following includes a summary of all outreach efforts conducted on LESJWA's behalf.

Lake Elsinore & San Jacinto Watersheds Authority



City of Lake Elsinore • City of Canyon Lake • County of Riverside
Elsinore Valley Municipal Water District • Santa Ana Watershed Project Authority

TASK 1 Conduct Outreach Services in Canyon Lake and Lake Elsinore


During the first quarter of the 2018-2019 fiscal year, DeGrave Communications, Inc. provided community outreach to Canyon Lake residents notifying them of upcoming alum applications. A photo shoot of the alum application was done by Jimmy Fu Photography and will be used for future community outreach materials and social media.



TASK 2 Address Canyon Lake and Lake Elsinore Community Members Through Media Outreach Services

Media outreach was conducted for the Canyon Lake September alum treatment. A public notice was written and distributed to the Friday Flyer, Canyon Lake Property Owners Association, and the City of Canyon Lake. News coverage was secured and published by the Friday Flyer, as well as on the Canyon Lake Property Owners Association website.

Lake Elsinore & San Jacinto Watersheds Authority



City of Lake Elsinore • City of Canyon Lake • County of Riverside
 Elsinore Valley Municipal Water District • Santa Ana Watershed Project Authority

**ANNOUNCEMENT OF PUBLIC NOTICE
 TO CANYON LAKE COMMUNITY
 Canyon Lake Alum Application, September 17-21, 2018**

Lake Elsinore & San Jacinto Watersheds Authority (LESJWA), is informing the Canyon Lake community that doses of alum will be applied to the lake in the main body, east bay and the area north of the causeway from September 17-21, 2018. Stormwater runoff carries with it high levels of nutrients including nitrogen and phosphorus that hurt water quality and threaten aquatic life. This dose will be the eleventh Canyon Lake alum application that has taken place.

Alum, the method selected to provide the best results for Canyon Lake, has a proven track record of success and is safe to both humans and aquatic life. Drinking water quality will not be affected by any of the treatment options. Canyon Lake will remain open during the entire treatment process. Recreational users will experience little disruption during treatment application and implementation.

In order to comply with water quality regulations enforced by the State through the local Santa Ana Regional Water Quality Control Board, the Lake Elsinore & Canyon Lake Nutrient Total Maximum Daily Load (TMDL) Task Force using local stakeholder funding to continue alum water treatments in Canyon Lake. The TMDL Task Force evaluated several options during the CEQA process and determined that alum application provides the best option as a step to effectively treat the entire lake in a timely manner with minimal impact to Canyon Lake residents.

Alum Schedule (subject to change)

• Monday, Sept. 17	Main Body	7:00 a.m. - 4:00 p.m.
• Tuesday, Sept. 18	Main Body	7:00 a.m. - 4:00 p.m.
• Wednesday, Sept. 19	Main Body	7:00 a.m. - 4:00 p.m.
• Thursday, Sept. 20	East Ramp / North Causeway	7:00 a.m. - 4:00 p.m.
• Friday, Sept. 21	Clean-up	

Canyon Lake Alum Application video - <https://youtu.be/D0iUtkTVGnc>

For daily operational updates visit - <http://www.canyonlakealum.wordpress.com/>

ADDITIONAL INFORMATION:
 Mark Norton, Lake Elsinore & San Jacinto Watershed Authority
 951-354-4221 MNorton@sawpa.org

TRENDING Canyon Lake Kids Club resumes fall classes
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Aquatechnix biologists treat the lake with alum. Photo by Pat Van Dyke

Canyon Lake to receive 11th alum treatment

SEPTEMBER 14, 2018 COMMUNITY NEWS

Canyon Lake will receive another alum treatment starting Monday, Sept. 17. According to the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA), this will be Canyon Lake's 11th alum treatment.

Doses of alum will be applied to the lake in the main body, East Bay and the area north of the causeway from Sept. 17 through Sept. 21.

Being that Canyon Lake is located near the end of the watershed, it receives high levels of nutrients, such as nitrogen and phosphorus, as a result of stormwater runoff. These nutrients encourage algae growth. By adding alum to the water, it immediately binds to the phosphorus causing it to neutralize and become inactive.

Alum, the method selected to provide the best results for Canyon Lake, is a naturally occurring mineral that has a proven track record of success. According to LESJWA, alum is safe for both humans and aquatic life and does not affect drinking water quality.

The lake will remain open during the entire treatment process. Recreational users will experience little disruption during treatment application and implementation.

In order to comply with water quality regulations enforced by the State through the local Santa Ana Regional Water Quality Control Board, the Lake Elsinore & Canyon Lake Nutrient Total Maximum Daily Load (TMDL) Task Force using local stakeholder funding to continue alum water treatments in Canyon Lake. The TMDL Task Force evaluated several options during the CEQA process and determined that alum application provides the best option as a step to effectively treat the entire lake in a timely manner with minimal impact to Canyon Lake residents.

The alum schedule is as follows:

Main Body: Monday, Sept. 17, 7 a.m. to 4 p.m.

Main Body: Tuesday, Sept. 18, 7 a.m. to 4 p.m.

SECTIONS


Select Category

Canyon Lake, CA



89°
3:38 pm PDT
Sunny

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CANYON LAKE'S WEEKLY NEWS

All ages invited to learn to ride a wakeboard on Saturday

The Fremont Community Center will host a wakeboard on Saturday



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CANYON LAKE'S WEEKLY NEWS

All ages invited to learn to ride a wakeboard on Saturday

The Fremont Community Center will host a wakeboard on Saturday

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CANYON LAKE

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Rental Docks

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Water Sports

Home > Lifestyle > Lake > Conditions

Lake Conditions

EVMWD is Adding More Water to the Lake

EVMWD began adding imported water to Canyon Lake on September 4 in an effort to curb dropping reservoir levels in what may be another dry year. Residents will see lake levels rising as soon as this Friday. Water will flow from Metropolitan's intake at a rate of 47 cubic feet per second and will take approximately 18 days for all 1,800 acre feet of purchased water to reach the lake.

Alum Treatment Scheduled

Another alum treatment has been scheduled to start on the main lake on September 17. This will be Canyon Lake's ninth alum treatment coordinated by Lake Elsinore & San Jacinto Watersheds Authority (LESJWA). Alum, the method selected to provide the best results for Canyon Lake, has a proven track record of success and is safe to both humans and aquatic life. Drinking water quality will not be affected by any of the treatment options. Canyon Lake will remain open during the entire treatment process. Recreational users will experience little disruption during treatment application and implementation.

Read Full [Alum Treatment Annoucement \(PDF\)](#)

For more information about the alum treatments click here: <https://canyonlakealum.wordpress.com>.

TRENDING

Canyon Lake Kids Club resumes fall classes

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YOU ARE AT: Home » Articles » Canyon Lake's 11th alum treatment completed



Mavis Schutz captured this photo on Wednesday of alum being applied to the lake near the dam. The treatments began on Monday with doses of alum applied throughout the week to the main body, East Bay and the area north of the causeway. Photo provided by Mavis Schutz

Canyon Lake's 11th alum treatment completed

SEPTEMBER 21, 2018

COMMUNITY NEWS

Canyon Lake's 11th alum treatment wraps up today with clean-up. The treatments began on Monday with doses of alum applied to the main body, East Bay and the area north of the causeway. The lake remained open during the entire treatment process with little disruption to recreational users.

Being that Canyon Lake is located near the end of the watershed, it receives high levels of nutrients, such as nitrogen and phosphorus, as a result of stormwater runoff. These nutrients encourage algae growth. By adding alum to the water, it immediately binds to the phosphorus causing it to neutralize and become inactive.

Alum, the method selected to provide the best results for Canyon Lake, is a naturally occurring mineral that has a proven track record of success. According to LESJWA, alum is safe for both humans and aquatic life and does not affect drinking water quality.

In order to comply with water quality regulations enforced by the State through the local Santa Ana Regional Water Quality Control Board, the Lake Elsinore & Canyon Lake Nutrient Total Maximum Daily Load (TMDL) Task Force using local stakeholder funding to continue alum water treatments in Canyon Lake. The TMDL Task Force evaluated several options during the CEQA process and determined that alum application provides the best option as a step to effectively treat the entire lake in a timely manner with minimal impact to Canyon Lake residents.

For more information about Canyon Lake's alum treatments, contact Mark Norton at mnorton@sawpa.org.

SECTIONS

Select Category

Canyon Lake, CA

89°

3:39 pm PDT

Sunny

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CANYON LAKE'S NEWSPAPER - SEPTEMBER 21, 2018

All ages invited to learn to ride a waterboard on Saturday

Community invited to Pomona Breakfast this Saturday

12th annual Canyon Lake Car Show takes place on Saturday

THE FRIDAY FLYER

Kids reel in the fun at annual Fishing Derby

CLUB SCOUT

TASK 3 Prepare Materials and Establish/ Manage Facebook Social Media


DeGrave Communications, Inc. also continued to manage the LESJWA Facebook page. The Facebook page is used to send out messaging on LESJWA, share about stories pertaining to the watershed and also community events. Number of fans are being maintained and followers had a slight increase. Impressions, reach and engagement stats for Facebook are close to all-time highs.

Launched: October 6, 2016

Likes: 980

Followers: 985

POST HIGHLIGHTS

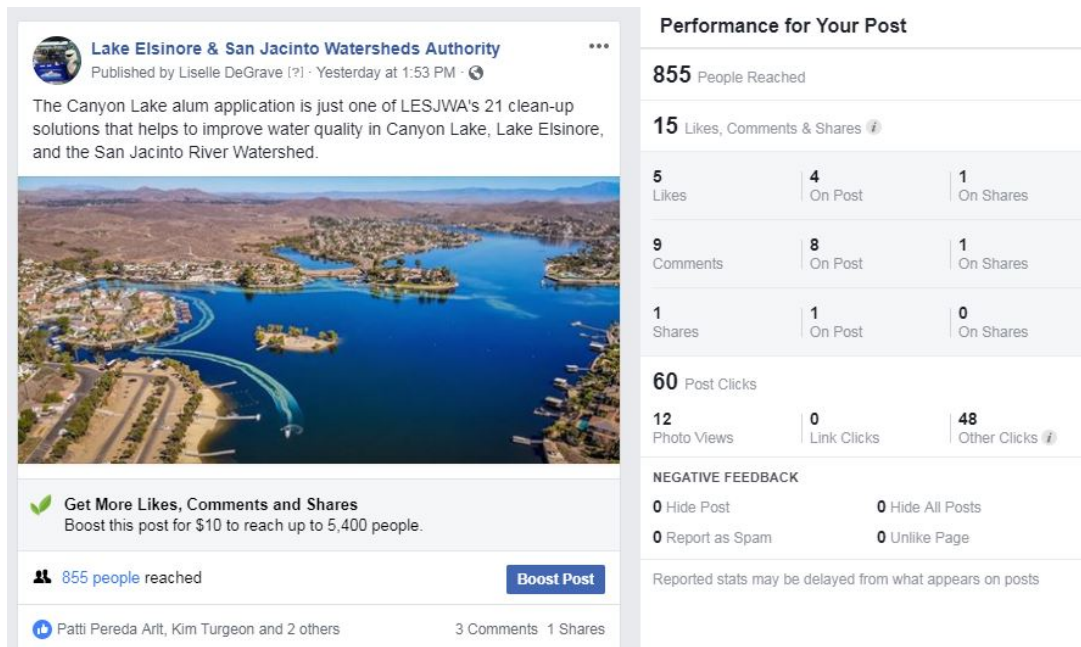
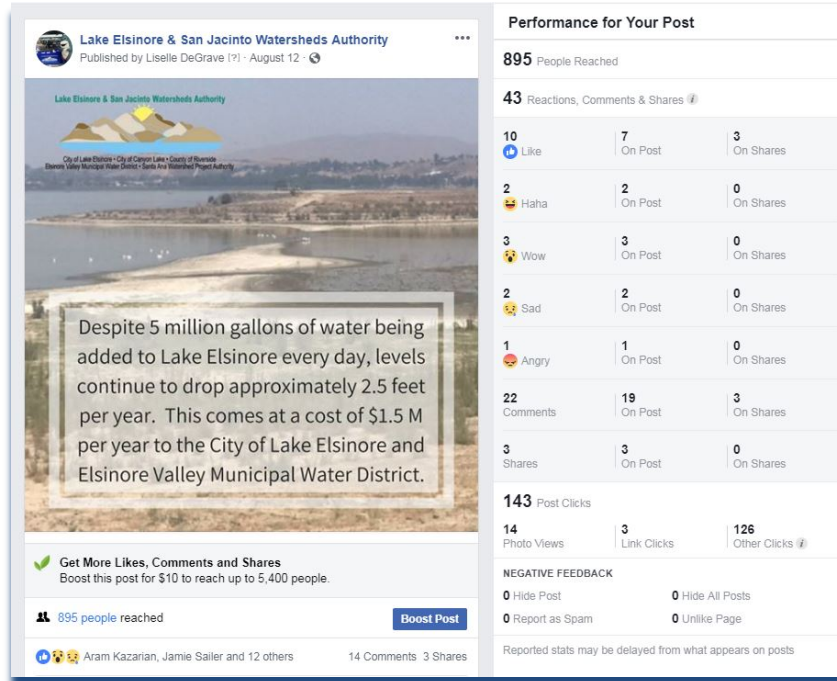


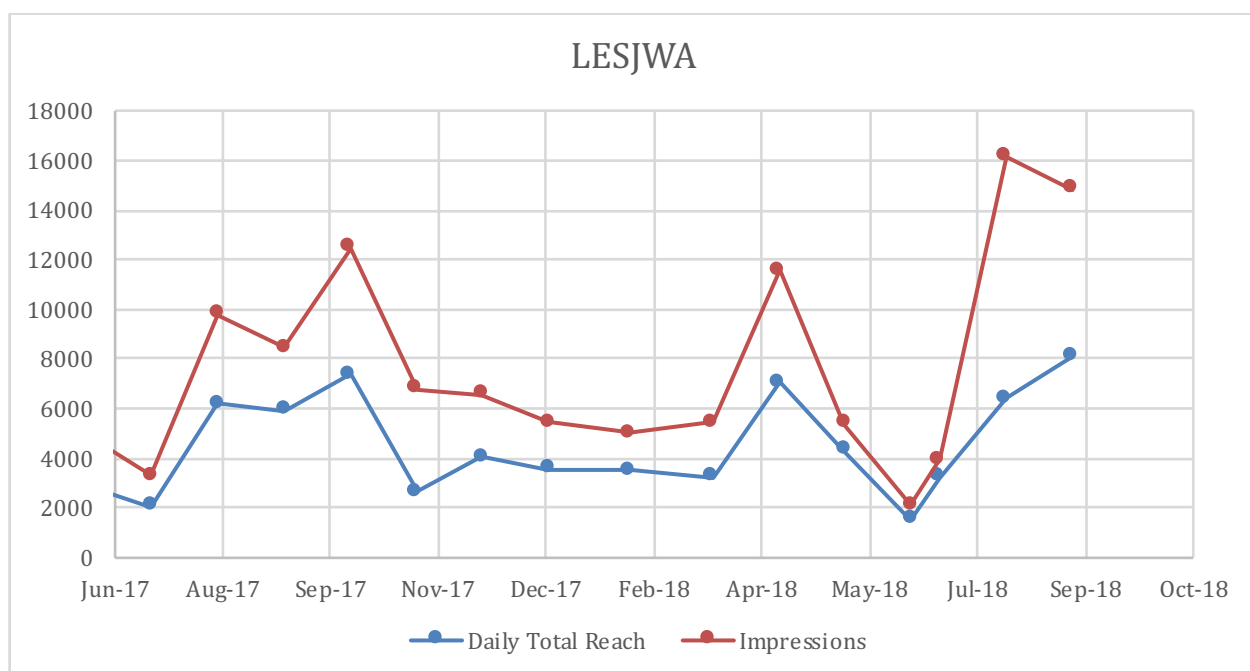
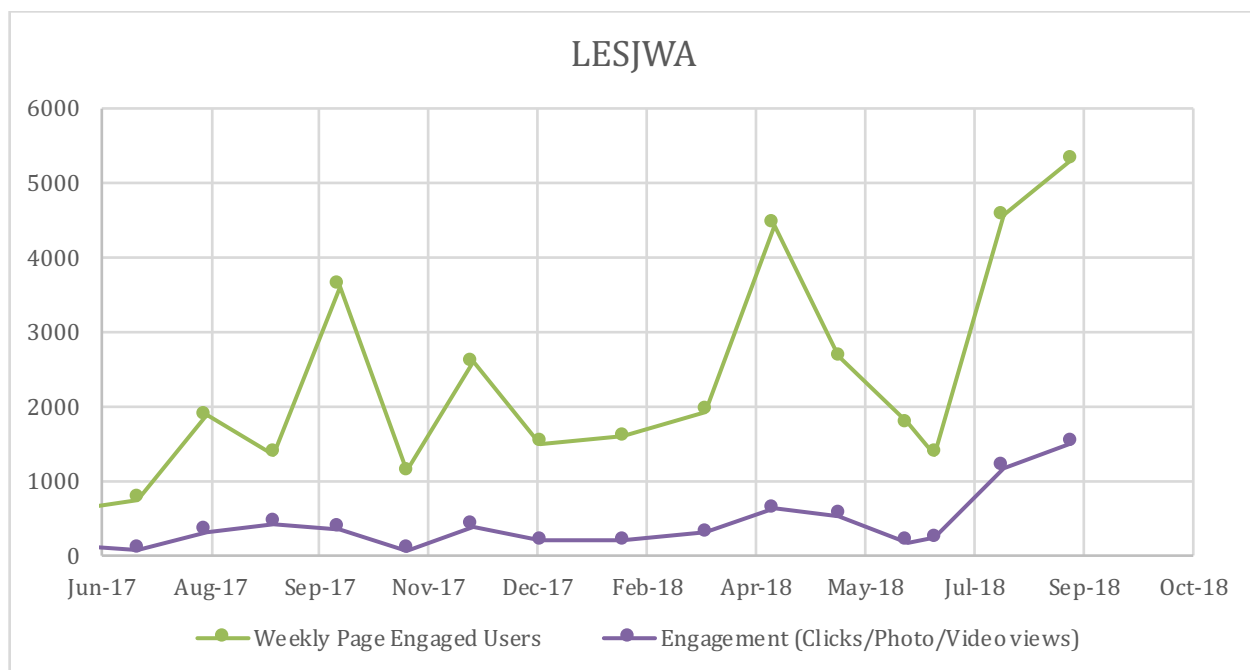
Lake Elsinore & San Jacinto Watersheds Authority: Challenges of maintaining water quality in Lake Elsinore and Canyon Lake...
 Tim Moore, from Risk Sciences, explains the complexities of Lake Elsinore, Canyon Lake and the watershed at the 2018 LESJWA Water Summit

44:05 · Uploaded on 07/19/2018 · View Permalink

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Minutes Viewed	1,296
3-Second Video Views	1,243
10-Second Video Views	462
Average Video Watch Time	0:30
Audience Retention	
Audience and Engagement	





TASK 4 Provide Outreach and Administration for Project Management Purposes

DeGrave Communications, Inc. provided administrative support for the quarterly education and outreach committee meeting on July 10th. Additionally, media monitoring for news clips was provided.

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Canyon Lake Kids Club resumes fall classes
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Aquatechmex biologists treat the lake with alum. Photo by Pat Van Dyke

Canyon Lake to receive 11th alum treatment

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Canyon Lake, CA
89°
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Community Corner

Algae Warning Doesn't Deter People From Lake Elsinore

The State Water Board reported that Lake Elsinore was one of several lakes that had high levels of harmful algae blooms.

By CBS Local, News Partner | Sep 4, 2018 12:36 pm ET



Featured Events

- Sep 8** Murrieta Solar Experience at 8 Bit Brewing Company
 - Sep 8** Silver Lakes Seafood Festival & Live Music 2018: Norco
 - Sep 8** Movie & Mariachi Nish: Wildomar
- [+ Add your event on Patch](#)
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LAKE ELSINORE, CA – Lake Elsinore in Riverside County was open to swimmers and water sports over Labor Day Weekend despite the presence of algae blooms.

On Friday, the State Water Board reported that Lake Elsinore in Riverside County was one of several lakes throughout California which had received a danger advisory after testing revealed high levels of Harmful Algae Blooms (HAB). The SWB recommended that visitors not swim or make any direct water contact.

Read more on CBS Los Angeles.

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Visitors Hit Lake Elsinore Over Holiday Weekend Despite Algae Bloom Warnings

September 4, 2018 at 9:00 am Filed Under: lake elsinore



LAKE ELSINORE (CBSLA) – Lake Elsinore in Riverside County was open to swimmers and water sport enthusiasts over Labor Day Weekend despite the presence of algae blooms.

On Friday, the State Water Board reported that Lake Elsinore was one of several lakes throughout California which had received a danger advisory after testing revealed high levels of Harmful Algae Blooms (HAB). The SWB recommended that visitors not swim or make any direct water contact.



(CBS2)

"For goodness sake, don't drink the water... pretty much rinse off, shower off afterwards," Paradise RV park owner Wade Paddington told CBS2.

Under the right environmental conditions, algae and cyanobacteria can grow into blooms that produce toxins, according to SWB. These cyanotoxins and algae toxins are harmful to people and animals. They can also accumulate in fish and shellfish.

As of Aug. 27, there were six reports of human illness and 12 reports of animal illness or death stemming from HABs in California, the water board reports.

HABs can look like a thick paint floating on the water and can come in several colors, including green, white, red or brown. Cyanobacteria blooms have a grainy, sawdust appearance. For more information, [click here](#).

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EVMWD to import water to Canyon Lake

AUGUST 24, 2018 COMMUNITY NEWS

Elsinore Valley Municipal Water District (EVMWD) announced Wednesday that it is purchasing water to import to Canyon Lake for the first time in eight years.

Within the next month, residents may notice the steady stream of imported water from the Metropolitan Water District entering the lake via the San Jacinto River. EVMWD plans to add approximately 1,800-acre feet of water to the reservoir.

EVMWD is taking the unusual step of adding imported water to Canyon Lake to curb dropping reservoir levels. The 387-acre reservoir provides drinking water for residents of Canyon Lake and Elsinore Valley. EVMWD has used the Canyon Lake water filtration plant to treat and produce nearly 10 percent of its total supply over the last year.

EVMWD stopped drawing water from the reservoir several months ago because of drier than normal conditions. Even with water conserving measures in place, evaporation has continued to deplete the lake.

Typically, the lake is replenished by runoff from the San Jacinto Watershed, which begins in the San Jacinto Mountains. With no rain in the immediate forecast, EVMWD is purchasing untreated water supplies to add to Canyon Lake's decreasing reserves.

"The Canyon Lake reservoir is an important drinking water source for our community, particularly during periods of peak demand," said EVMWD General Manager John D. Vega. "Supplementing our supplies during this extraordinarily dry summer will allow us to maintain levels into the rainy season."

EVMWD owns all water rights in Canyon Lake. The Canyon Lake POA leases the recreational surface rights through an agreement with EVMWD. Per the lease agreement between EVMWD and the Canyon Lake POA, EVMWD can take water from Canyon Lake down to 1372 feet above sea level. The lake level was 1375.20 on Thursday, according to EVMWD's website.

To learn more about Canyon Lake as a drinking water supply, visit canyonlakefacts.com.

EVMWD provides service to more than 144,000 water, wastewater and agricultural customers in a 96-square-mile area in Western Riverside County.

The District is a sub-agency of the Western Municipal Water District and a member agency of the Metropolitan Water District of Southern California. For additional information, visit evmwd.com.

SECTIONS

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Click to View Flipable Version of This Week's Friday Flyer

THE FRIDAY FLYER

Kids reel in the fun at annual Fishing Derby

TASK 5 Provide Issues Management Services

No issues management services were conducted during this period of time. DeGrave Communications is monitoring the resurfacing of the LEAPS project for potential communication issues that may arise.

**MEETING NOTES
OF THE
LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE
May 23, 2018**

PARTICIPANTS

David Jensen
John McNamara
Melanie Sotelo
Tad Nakatani
Rae Beimer
Rae Beimer
Cynthia Gabaldon
Lynn Merrill
Mike Ali
Nancy Horton
Richard Meyerhoff
Greg Kahlen
Ankita Vyas
Paul O'Neal
Shawna Bennetts
Mark Smythe
Tim Moore
Andrea Gonzalez
Richard Boon
Rebekah Guill
Mark Norton
Rick Whetsel
Pat Boldt

REPRESENTATIVE

CDM Smith
CR&R
City of Hemet
City of Menifee
City of Canyon Lake
City of Moreno Valley
City of Perris
City of San Jacinto
Elsinore Valley Municipal Water District
Elsinore Valley Municipal Water District
GEI Consulting
The Kahlen Group
Michael Baker/Caltrans
Nevada Hydro
NV5 (Representing the City of Beaumont)
Regional Water Quality Control Board
Risk Sciences
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority
WRCAC

VIA-CONFERENCE CALL

Nicole Dailey
Chris Stransky
John Rudolph
Lauren Sotelo
Al Javier
Steven Wolosoff
Ken Theisen

City of Lake Elsinore
Wood (formerly Amec Foster Wheeler)
Wood (formerly Amec Foster Wheeler)
March JPA
EMWD
CDM Smith
Regional Water Quality Control Board

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 9:32 a.m. by Mark Norton at the Santa Ana Watershed Project Authority, Riverside, California.

Meeting Notes

The Task Force deemed the Meeting Notes acceptable for the meeting held on March 13, 2018.

Update: Lake Elsinore Advanced Pumping Storage (LEAPS) Project (LESJWA Staff)

Mr. Mark Norton /LESJWA provided an update on the April 19th LESJWA Board meeting regarding the contribution of contingency funds to the LE&CL TMDL Task Force from Nevada Hydro (representing the LEAPS project). The LESJWA Board informed staff that due to ongoing litigation among some LE/CL TMDL Task Force agencies and the LEAPS proponents that such funding was deemed inadvisable and not recommended. Further, the Board recommended to the LE/CL TMDL Task Force that any work to include the LEAPS project into the TMDL Update Waste Load Allocation was premature and should be handled by the LEAPS project proponents at a later time.

Following discussion of the inclusion of the LEAPS project in the TMDL revision, it was determined that LEAPS would remain in the TMDL document as part of the implementation Chapter (within a table of potential

projects) and as part of the CEQA section, but the project fact sheet would be removed, as it made assumptions that cannot be validated at this point in time.

Mark Smythe /Regional Board noted that for the LEAPS project to be permitted, it must be assigned a wasteload allocation by the TMDL. Mark Norton responded that as the LEAPS project is still very conceptual, the Task Force should not expend resources to conduct the analysis to calculate a wasteload allocation for the LEAPS project and as the project progresses the project proponents can do that analysis.

Next, discussion ensued regarding issues with bringing in private firms like CR&R and Nevada Hydro into the Task Force. A motion was put forward by Lynn Merrill and seconded by Rae Beimer for the LESJWA Board to request policy direction on bringing in private parties into the TMDL Task Force and if funding contributions should be accepted by non-Task Force agencies to participate in Task Force studies. The motion was passed unanimously, with Nancy Horton /EVMWD abstaining.

Relating to the TMDL, Tim Moore recommended that the Task Force consider establishing a wasteload allocation reserve that is unassigned. This would provide Regional Board the ability to assign a project a wasteload allocation, without having to revise the TMDL and would serve as an additional margin of safety for the TMDL.

Discussion: Update and Revise TMDLs (CDM Smith & Risk Sciences)

Richard Meyerhoff /GEI Consulting provided a presentation on the effort to update and revise the TMDLs. This presentation focused on discussion of the final report figures and updates to the report including EMC's for agriculture, impacts to Climate Change and updates to the TMDL WLA/LA Allocations to serve as a margin of safety for the TMDLs. An additional challenge will be addressing cyanotoxins, as there are currently no formal standards or objectives designated by the State or EPA. It is not expected that the TMDL will establish a Target for cyanotoxins, but instead cyanotoxins will be managed through monitoring.

Mr. Meyerhoff then laid out the path to completion of the TMDL Technical document (expected to be about 500 pages). The expectation is the entire technical document including executive Summary and Administrative Record will be completed by the end of June, and ready for one final review by the Task Force.

The final step will be for the consultant team to work with Regional Board to prepare the Basin Plan Amendment Plan.

Discussion: LEAMS 2017 Credit Hours (Risk Sciences)

Tim Moore /Risk Sciences provided an update to stakeholders on the nitrogen and phosphorus offsets due to LEAMS estimated by Dr. Alex Horne in 2017.

An evaluation of the effectiveness of LEAMS in addressing of nitrogen offsets is conducted every three years as a permit obligation of EVMWD in relation to the addition of recycled water to Lake Elsinore. The 2017 report is the third iteration with previous studies completed in 2011 and 2014. The results of the analysis to calculate the number of nitrogen offset credits generated from LEAMS initially assigned to offset the recycled water, which is a requirement of the EVMWD permit and then any residual credits available are licensed to offset other loads.

The 2011 study set the basis for our 22 kg/hr. offset for nitrogen and the 2014 study affirmed that number, which was used to estimate 2016 and 2017 annual budgets for licensing of offset credits. The next steps will be for Mr. Moore to work with Dr. Horne to evaluate the new 2017 data to see if it is necessary to make any adjustments to the annual budgets for 2018, 2019 and 2020 for licensing of offset credits.

It was requested to distribute a copy of the 2017 Nitrogen & Phosphorus Offsets Due to Aeration Mixing in Lake Elsinore to the Task Force.

Lake Updates

Lake Elsinore

Nicole Dailey/City of Lake Elsinore noted that lake level is currently 1236.48 and there are concerns of the impacts of the decreasing water level on the lake fishery. The City has spent \$150,000 on stocking of game fish over the past three years. She also noted a kids fishing tournament is scheduled for Saturday, May 26th.

Next, Nicole Dailey and Mark Smythe/Regional Board informed stakeholders of a recent bird die off (approximately 200 swallows) at Lake Elsinore. Due to concerns that the die-off was caused by cyanotoxins from the Lake, CA Department of Fish & Wildlife collects several bird carcasses for analysis and Regional Board collects several water samples for testing for cyanotoxins. Results of the water quality analysis by Regional Board showed only levels of cyanobacteria in the caution range, similar to the results of the Task Force HAB monitoring in April 2018.

The City has posted year round signage (27 locations) around the Lake warning of the dangers of cyanotoxins. The City communicates with all of the owners of private boat launches about sharing information on HABs and the City maintains a Lake Watch webpage on the City's website.

The City has no plans to conduct regular monthly HAB monitoring, but does have a contract in place with Wood Environmental (formerly Amec Foster Wheeler) to conduct monitoring of cyanotoxins upon request.

Canyon Lake

Nancy Horton /City of Canyon Lake noted that lake level is currently 1377 and there are concerns of the decreasing water level. The Lake is expected to drop another three feet over the summer, if there are no significant storms.

Nancy also noted the lake is three distinctly different colors, The East Bay is brown, the North Ski area is very green, and the Main body of the Lake looks relatively good.

Discussion arose regarding the brown color of the East bay and concerns about golden algae. Wood Environmental was tasked to collect samples from the various beach areas in the East Bay and to analyze for the various cyanobacteria species.

Task Force Administration (LESJWA Staff)

Status Update: Amendment No. 1 to Task Force Agreement

Rick Whetsel informed stakeholders that he will be following up with calls to staff regarding the outstanding signature pages to Amendment No. 1 to Task Force Agreement.

Other Business

No other business was discussed.

Schedule Next Meeting

The next LE&CL TMDL Task Force meeting is scheduled for Monday, June 18 from 1:30 p.m. to 4:00 p.m. at SAWPA.

Adjourn

The meeting adjourned at 12:15 p.m.

**MEETING NOTES
OF THE
LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE
August 15, 2018**

PARTICIPANTS

Clarke Pauley
John McNamara
Dan Cortese
Melanie Sotelo
Rita Thompson
Tad Nakatani
Cynthia Gabaldon
Mike Roberts
Andy Ramirez
Hisam Baqai
Mike Loving
Barry Snyder
Chris Stransky
Richard Meyerhoff
Greg Kahlen
Ankita Vyas
Ken Theisen
Tim Moore
Abigail Suter
Andrea Gonzalez
Rebekah Guill
Rick Whetsel
Pat Boldt

REPRESENTATIVE

CR&R
CR&R
City of Hemet
City of Hemet
City of Lake Elsinore
City of Menifee
City of Perris
City of Riverside
City of San Jacinto
City of San Jacinto
City of Wildomar
Wood (formerly Amec Foster Wheeler)
Wood (formerly Amec Foster Wheeler)
GEI Consulting
The Kahlen Group
Michael Baker/Caltrans
Regional Water Quality Control Board
Risk Sciences
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Riverside County Flood Control & WCD
Santa Ana Watershed Project Authority
WRCAC

VIA-CONFERENCE CALL

Rae Beimer
Rae Beimer
Renee Hunter
Steven Wolosoff
Al Javier
Lauren Sotelo
Alan McConnell

City of Canyon Lake
City of Moreno Valley
Elsinore Valley Municipal Water District
CDM Smith
EMWD
March JPA
Caltrans

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 9:33 a.m. by Rick Whetsel at the Santa Ana Watershed Project Authority, Riverside, California.

Meeting Notes

The Task Force deemed the Meeting Notes acceptable for the meeting held on May 23, 2018.

Discussion: Update and Revise TMDLs (CDM Smith & Risk Sciences)

Ken Theisen /Santa Ana Regional Water Quality Control Board spoke briefly to compliment the consultant team led by CDM Smith and stakeholders on their effort to prepare an updated TMDL Technical document.

Ken noted that he is feeling confident to make a recommendation for approval of this document to the Regional Board. Following completion of the document by the Task Force he will be drafting an Executive Summary and tentative Resolution for adoption for the Board. In addition, Ken will also be preparing an attachment that will outline in ~~strikeout~~ underlined form how these revisions will be incorporated into the Basin Plan.

Ken has provided a schedule to the State Board and EPA stating that the we expect the report to be finalized in November and made available for public review shortly afterward, with two public workshops between January and March. This will be following by a Public Hearing in June for adoption by the Regional Board.

It was noted that Mark Smythe is up for promotion of the Stormwater permitting and dairy units, and Ken will be taking-on the primary responsibilities to complete the TMDL adoption.

Ms. Pat Boldt noted that she recently attended an NRCS conference, where she was enlightened to the fact that this effort to implement a TMDL is much more advanced than in many places in the U.S.

Steve Wolosoff /CDM Smith followed with a presentation on the effort to update and revise the TMDLs. This presentation focused on discussion of the final report figures and updates to the report.

Concerns were raised with regards to the recent fires in the forest area and the transport of nutrients through sediment erosion. Regional Board suggested the need for additional water quality monitoring downstream from the burned forest areas.

Next Steps:

- Currently the entire body of the TMDL Technical document is out for final review by stakeholders; comments due by mid-September (Sept 14th).
- The Economic Analysis chapter will be available for review within the month.
- Lastly, Tim Moore is working to prepare an Executive Summary to the TMDL Technical Document

Discussion: LEAMS Special Studies (Risk Sciences)

Rick Whetsel/ SAWPA noted that in June the 2016 LEAMS Offset Credit Accounting Report was approved and accepted by the Regional Board and in just the last couple of weeks the 2017 LEAMS Offset Credit Accounting Report was also approved. This certifies the nutrient offset credits for stakeholders for calendar years 2016 and 2017. Additionally, invoices for nutrient offset credits for calendar year 2018 were just sent out.

Regional Board has noted approval of the process for estimating the nutrient offset credits through the 2018 calendar year; however, moving forward the Regional Board has requested revisions to the process.

Tim Moore /Risk Sciences provided introduction to stakeholders on the proposed plan to re-evaluate the effectiveness of LEAMS, due to the changing conditions in Lake Elsinore.

The first step in this plan is for Tim Moore to work with Dr. Alex Horne and Dr. Michael Anderson to review the methodology to gain a better understanding of why the results of the 2017 analysis appear to be so different than the 2011 and 2014 analysis. The key to this proposed effort is evaluating how LEAMS is operated and how to maximize its utility.

Additionally, due to rising uncertainty as to the effectiveness of LEAMS, the Regional Board has requested that the effectiveness analysis be performed annually until a baseline can be established.

Lastly, Tim brought up that the method used to calculate offset credits, based upon hours of operation, does not work so well with LEAMS operating at over 5,000 hours instead of the 2,000 assumed in the offset credit calculation. Therefore, he is rethinking the units for which we assign credits. After he works through getting this new method approved by the Operators he will bring it back to the Task Force.

Tim's recommendation; due to the need of the Task Force to use LEAMS as a means of compliance for the Lake Elsinore TMDL. This re-evaluation effort be completed by the Task Force, instead of the Operators and for it to be accelerated to begin in the next fiscal year.

It is expected that the effort required by Dr. Horne and Michael Anderson's be completed by the end of the 2018 calendar year, with an estimate of the additional time and effort in place for the next Task Force budget.

Tim Moore will bring back a proposal for the study to be completed by Dr. Horne and Michael Anderson for the next Task Force meeting.

Update: Lake Elsinore Fishery Management (LESJWA Staff)

Rick Whetsel /SAWPA informed stakeholders that staff is working on a Request for Proposals (RFP) for Fishery Management tasks related to Lake Elsinore. This will include tasks to conduct a survey of the Lake Elsinore Fishery and if appropriate for carp removal.

Currently, staff is reviewing a draft RFP with Tim Moore. The plan moving forward is to work with Tim Moore and the City of Lake Elsinore on the preparation of a formal draft RFP to bring back to the Task Force for a recommendation of approval by the LESJWA Board.

Update: Canyon Lake Alum treatment (LESJWA Staff)

Rick Whetsel /SAWPA reminded stakeholders of the upcoming September Canyon Lake Alum application. Staff has scheduled a pre-application project coordination conference call for 9:30 a.m. Monday, August 20th to review key components of the program.

The September 2018 Canyon Lake Alum application is tentatively scheduled for the week of the 17th through 21st.

Lake Updates

Lake Elsinore

Rita Thompson /City of Lake Elsinore noted the lake level at 1235.08 ft above sea level. She also noted that the lake water was used by fire fighters to help suppress the recent wildfires. It is estimated that the impact on lake level was less than 0.5 inches and the recent additions of water from the Summerly Development project, as well as water added by EVMWD made up more than the difference in the loss of water used to fight the wild fires.

Canyon Lake

Ken Theisen /Santa Ana Regional Water Quality Control Board informed stakeholders that he and Mark Smythe recently went on a tour of Canyon Lake. He also noted that the east arm of Canyon Lake is dealing with a bloom of brown algae.

Task Force Administration (LESJWA Staff)

FY 2018-19 Invoices

Rick Whetsel /SAWPA announced to stakeholders that FY 2018-19 invoices were sent out on August 2nd.

Status Update: Amendment No. 1 to Task Force Agreement

Rick Whetsel /SAWPA informed stakeholders that he has followed up with emails/calls to stakeholders regarding the outstanding signature pages to Amendment No. 1 to Task Force Agreement. He believes he made good progress and is expecting to have the balance of the signature pages received by the end of September.

Other Business

Rick Whetsel /SAWPA announced that the Draft 2107-18 LE&CL TMDL Compliance Monitoring Annual Report was sent out this morning to stakeholders for review. Comments on the report are due by COB Friday, August 31st. Chris Stransky /Wood Environmental announced that he and John Rudolph would present on the findings of the FY 2017-18 report at the September LE&CL TMDL Task Force meeting.

Tim Moore /Risk Sciences announced to stakeholders that he would be providing an update on the LE&CL TMDL Task Force efforts to the Regional Board on Friday, September 7th.

Schedule Next Meeting

The next LE&CL TMDL Task Force meeting is scheduled for Wednesday, September 19 from 1:00 p.m. to 4:00 p.m. at SAWPA.

Adjourn

The meeting adjourned at 12:10 p.m.

LESJWA BOARD MEMORANDUM 836

DATE: October 18, 2018

SUBJECT: Policy Direction to Lake Elsinore & Canyon Lake TMDL Task Force

TO: LESJWA Board of Directors

FROM: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors approve a policy that funding contributions can be made to LE/CL TMDL Task Force/ LESJWA from outside parties and allow funding contributions from LEAPS proponents and CR&R to the LE/CL TMDL Task Force to support coordination with the TMDL Update as defined in the original LE/CL TMDL FY 2018-19 Budget.

BACKGROUND

On December 12, 2017, the LESJWA Board was informed that CR&R was planning to implement a 202-acre green waste composting storage facility within the 100 year floodplain of the upper San Jacinto River in an unincorporated Riverside County area near the community of Lakeview. This facility was deemed as having a potential impact to Canyon Lake TMDL compliance and was encouraged to participate in the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force and the ongoing TMDL Update study by the Santa Ana Regional Water Quality Control Board. The Regional Board had informed CR&R that it could not issue an NPDES Permit for new discharges to an impaired waterbody unless there is a TMDL adopted for the water body that includes a Waste Load Allocation for the new discharge. Since the Industrial General Order is also an NPDES permit, CR&R needed a Waste Load Allocation before this permit could be issued.

At the Lake Elsinore and Canyon Lake TMDL Task Force meeting on January 17, 2018, the task force agencies discussed CR&R's involvement and suggested that CR&R pay an equal share of the cost incurred to date by stakeholders to update and revise the nutrient TMDLs. CR&R was supportive making the necessary funding contributions and their contribution was included in the LE/CL TMDL Task Force FY 18-19 Budget to help offset the costs of the task force. However, in recent discussions with the Regional Board it now appears the CR&R project may be required to have no discharge and not have a Waste Load Allocation. This would result in not needing to be in the TMDL Update. Funding from CR&R at this stage is uncertain.

For the Lake Elsinore Advanced Pumping Storage (LEAPS) project, the Regional Board also suggested that they participate in the Lake Elsinore and Canyon Lake TMDL Task Force and provide funding for the work for the TMDL Update similar to the CR&R Project. The Task Force was approached on Jan. 17, 2018 and the LEAPS project proponents were supportive of making funding contributions to the Task Force similar to CR&R to update the TMDL study.

It is important to note that though the task force was willing to accept funding from CR&R and LEAPS to help analyze the impacts of their waste discharges on the Task Force's Waste Load Allocation, the Task Force and LESJWA staff acknowledged that based on the terms of the agreement, neither CR&R nor LEAPS could become formal members of the Task Force without a formal task force agreement amendment signed by all task force parties. Execution of such amendments take several months and was deemed logistically challenging. Potentially adding these entities as task force agencies, if necessary, was deemed more appropriate the next time the LE/CL TMDL Task Force agreement was renewed.

At the April 19th, the LESJWA Board approved the FY 2018-2019 LESJWA Budget which included the LE/CL TMDL Task Force budget subject to removal of the monetary contributions from the LEAPS proponents shown as \$36,868. The LESJWA Board informed staff that due to ongoing litigation among some LE/CL TMDL Task Force agencies and the LEAPS proponents that such funding was deemed inadvisable

and not recommended. Further, the Board recommended to the LE/CL TMDL Task Force that any work to include the LEAPS project into the TMDL Update Waste Load Allocation was premature and should be handled by the LEAPS project proponents at a later time.

At the May 23, 2018 Lake Elsinore and Canyon Lake TMDL Task Force meeting, several questions arose about LESJWA Board's decision and under what circumstances should the Task Force be accepting funds from non-Task Force agencies if at all. Concern was raised that perhaps the CR&R funding contributions (shown as \$36,868) should also be removed without the FY 2018-2019 LESJWA Budget. The Task Force requested that LESJWA staff approach the LESJWA Board to request policy direction on bringing in private parties into the TMDL Task Force and if funding contributions should be accepted by non-Task Force agencies to participate in Task Force studies.

Since the last LESJWA Board meeting, the litigation between EVWMD and the LEAPS proponents has been settled. Studies of the impacts of the LEAPS project on Lake Elsinore are ongoing by the project proponents and may take several months to be complete. Coordination with the LEAPS proponents with the Regional Board, the LE/CL TMDL Task Force and LESJWA is important to ensure all parties are aware of the LEAPS project development, its impacts and potential benefits. Since the LE/CL TMDL Task Force is currently experiencing a budget revenue gap now of \$36,868 from CR&R and \$36,868 from LEAPS, staff recommends support of by LESJWA of a policy to accept such outside funding and allow funding contributions to the task force to be made.

Precedence exists for such activities as evidenced by inclusion of financial contributions to the SAWPA Basin Monitoring Program Task Force by ACOE contractors as part of their Regional Board permit requirements for a dewatering project that was going to be adding water with excessive TDS levels than deemed acceptable by the Basin Plan. The additional salt from the dewatering project was considered de minimus and contributions to the Task Force was considered an appropriate offset for the additional salt added for the duration of the construction.

RESOURCES IMPACT

Policy decisions provided by LESJWA to the LE/CL TMDL Task Force could affect the FY 2018-19 Budget and potentially reduce funding ($\$36,868 \times 2 = \$73,736$) necessary to complete the Task Force's planned work for the fiscal year.

LESJWA BOARD MEMORANDUM NO. 837

DATE: October 18, 2018

SUBJECT: Lake Elsinore Fishery Management Tasks Request for Proposal (RFP) Status Report

TO: LESJWA Board of Directors

FROM: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors receive and file this status report regarding a Request for Proposals (RFP) from qualified firms to assess conditions of the Lake Elsinore fishery and identify appropriate management measures for improving the fishery and supporting aquatic habitat.

BACKGROUND

Concerns regarding the make-up, health and impacts to water quality of the fish population in Lake Elsinore have prompted the Lake Elsinore and Canyon Lake TMDL Task Force to request LESJWA staff to issue an RFP from qualified firms to assess conditions of the Lake Elsinore fishery and identify appropriate management measures for improving the fishery and supporting aquatic habitat.

This work, detailed in the attached Lake Elsinore Fishery Management Tasks RFP will entail a review of the 2005 Fisheries Management Plan for Lake Elsinore, past Lake Elsinore hydroacoustic fish surveys and conduct a survey of the lake fishery, fish tissue analysis, carp removal and suggest any additional fishery management activities to support TMDL compliance.

The schedule proposed to bring qualified firms on board:

September 20, 2018	Issuance of Request for Proposals
October 26, 2018 (by 1:00 pm)	Proposal due emailed to LESJWA
Week of November 7, 2018 (tentative)	Interviews with proposers if needed
November 14, 2018 (tentative)	LE&CL TMDL Task Force Recommendation of Consultant
December 20, 2018	LESJWA Board approval of Consultant Contract
January 7, 2019	If approved, begin Work

BUDGET IMPACT

No impact.

Attachments:

1. RFP for Lake Elsinore Fishery Management Tasks

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Lake Elsinore & San Jacinto Watersheds Authority



City of Lake Elsinore • City of Canyon Lake • County of Riverside
Elsinore Valley Municipal Water District • Santa Ana Watershed Project Authority

REQUEST FOR PROPOSAL FOR LAKE ELSINORE FISHERY MANAGEMENT TASKS

SEPTEMBER 2018

**LAKE ELSINORE & SAN JACINTO
WATERSHEDS AUTHORITY**

Member Agencies:
City of Canyon Lake
Elsinore Valley Municipal Water District
City of Lake Elsinore
County of Riverside
Santa Ana Watershed Project Authority

Administration:
Santa Ana Watershed Project Authority
11615 Sterling Avenue
Riverside, CA 92503-4979
(951) 354-4220

1. INTRODUCTION

The Lake Elsinore and San Jacinto Watersheds Authority (LESJWA) requests proposals from qualified firms to assess conditions of the Lake Elsinore fishery and identify appropriate management measures for improving the fishery and supporting aquatic habitat. This work will entail a review of the 2005 Fisheries Management Plan for Lake Elsinore, past Lake Elsinore hydroacoustic fish surveys and conduct a survey of the lake fishery, fish tissue analysis, carp removal and suggest any additional fishery management activities to support TMDL compliance.

LESJWA is a Joint Powers Authority (JPA) and is governed by five member agencies: Elsinore Valley Municipal Water District, the City of Lake Elsinore, the City of Canyon Lake; the County of Riverside, and the Santa Ana Watershed Project Authority. which serves as the Authority administrator.

LESJWA has established the following goals and objectives for its organization:

- To support planning, design and implementation of projects to improve water quality at Lake Elsinore, Canyon Lake and the San Jacinto River Watershed
- To work with stakeholders to secure reliable funding to operate and maintain water quality improvement projects at Lake Elsinore, Canyon Lake and the San Jacinto River Watershed
- To serve as administrator of the Lake Elsinore and Canyon Lake TMDL Task Force
- To seek ongoing reliable revenue to operate LESJWA JPA in fulfillment of its mission

2. Purpose

Lake Elsinore (Figure 1-1) is located in a rapidly urbanizing landscape, just 60 miles southeast of the City of Los Angeles, and 22 miles south of the City of Riverside (Figure 1-2). This large, shallow, natural lake with an average depth ranging between 9 to 27 ft. and surface area of 2,700 to 3,060 acres is the terminus of the San Jacinto River. As a terminal basin, Lake Elsinore is subject to highly variable hydrological conditions that influence the physical-chemical environment of the lake which, in turn, influences the aquatic biological resources (e.g., fish, zooplankton, phytoplankton, benthic invertebrates) that can be supported by the lake. Over the past 120 years, Lake Elsinore has experienced wet periods during which the lake has overflowed into Temescal Creek as well as dry periods when the lake has dried up completely.

Figure 1-1 Lake Elsinore

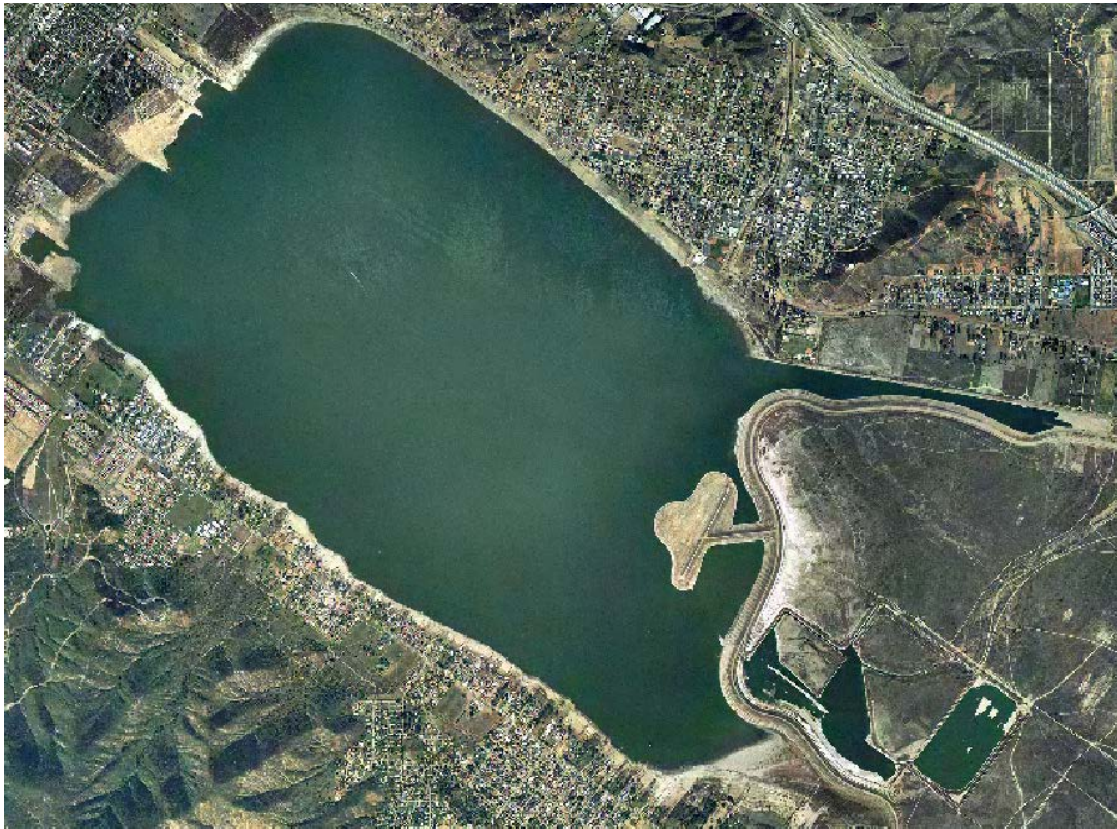
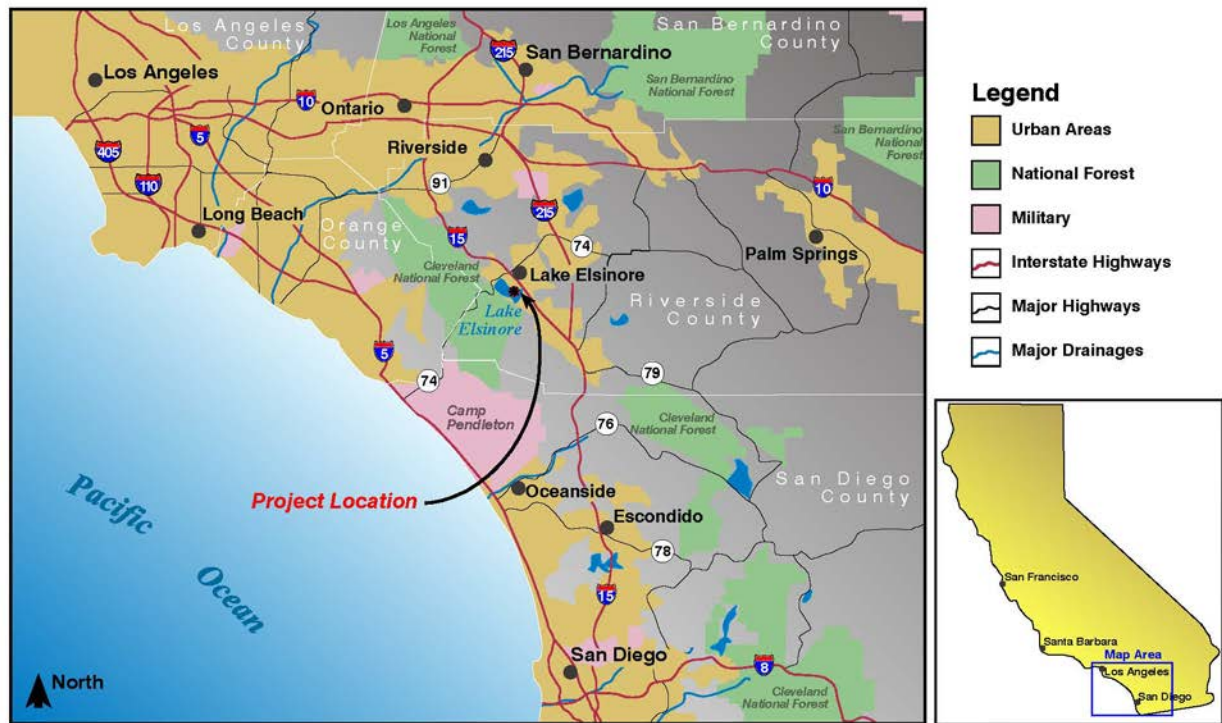


Figure 1-2 Region



The Santa Ana Regional Water Quality Control Board first identified Lake Elsinore as impaired in 1994, based on the historical record of periodic fish kills and excessive algae blooms. The Regional Board established a nutrient TMDL to address these impairments by limiting the amount of nitrogen and phosphorus that could be discharged into the lake.

Currently, Lake Elsinore typically suffers from poor water quality that has resulted in numerous fish kills even when the lake is full or nearly so. In addition to poor water quality, the development of a healthy, viable fish community in Lake Elsinore is hampered by: 1) inadequate habitat conditions for fish reproduction and survival; 2) limited fish food resources; and, 3) the multiple effects caused by abundant common carp (*Cyprinus carpio*) and shad.

In 2005, a Fisheries Management Plan was prepared by EIP Associates as part of the lake improvement strategy. The principal goal of the Fisheries Management Plan was to develop a program that will create a balanced, self-sustaining and valued sport fishery that will complement the water quality rehabilitation efforts in Lake Elsinore.

In addition, Nov 2008 and Mar 2015 hydroacoustic fish surveys were conducted by Dr. Michael Anderson of UCR for Lake Elsinore. The final reports of these surveys provide critical technical background regarding the lake fish diversity over time.

Updating the fish survey, conducting a fish tissue analysis and suggestions of future fishery management activities such as carp removal and fish stocking to assist with TMDL compliance is requested.

3. TERM OF AGREEMENT

The Agreement period will be for a maximum of two years, with an option for a third.

4. SCOPE OF WORK

The selected firm will perform tasks, described below.

Task 1: Data Review

Conduct a data review of all past Lake Elsinore fishery management plans, fish surveys, fishery management activities including carp removal and fish stocking activities. These documents will be provided to the consultant as reference material and will assist in future tasks associated with recommending further lake fishery management activities in support of the TMDL Update and TMDL compliance.

Task 2: Survey of Lake Elsinore Aquatic Fishery

Develop and implement an aquatic survey to assess the biological health and ecological functioning of Lake Elsinore Fishery. This will include methods to specifically evaluate the fishery, zooplankton and phytoplankton communities in the lake. Results of the survey will be compiled and integrated to create an overall ecological assessment that considers the physical, chemical and water quality conditions in the lake. The work shall include, but not necessarily be limited to, the following:

- Provide the necessary equipment and operating personnel for the duration of the project.
- Describe the methods and procedures used to quantify the size, weight, distribution and abundance of specific fish species in the lake based on representative sampling data from the survey.
- Consider a net, tag and release approach for future fish surveys.
- Describe the methods and procedures used to assess the health of the fish population and aquatic habitat. Including an assessment of the ability of the various fish species to reproduce.
- Prepare a technical memorandum of the biological monitoring results. Results will be assembled to create an ecological framework that will serve as a benchmark for biological conditions in the lake, compared with earlier phytoplankton (Oza, 2003), zooplankton Veiga-Nascimento (2004) and fishery results (e.g., Anderson, 2008 & 2015), and considered in light of available data concerning physical, chemical and water quality conditions.
- Data collected will be assembled and maintained in a database.

Task 3: Fish Tissue Sampling and Analysis

Conduct fish tissue analysis for various fish species taken for the lake. Chemistry analysis should include presence and concentrations of PCB, DDT, phosphorus, nitrogen, etc. in the fish tissue. The number of fish to be analyzed should be based on a statistical representative number of the estimated overall lake fishery population as reflected from the fish survey.

Task 4: Future Fishery Management Activities Report

Prepare recommendations to improve the Lake Elsinore fishery and habitat. These recommendations should include the results of the aquatic survey, fish tissue analysis, and any beneficial fishery management practices or implementation activities (such as the creation of fish habitat, fish stocking, etc.) to optimize the fishery and aquatic habitat at different water levels, assist with TMDL compliance and support the goals of the TMDL update. A draft report should be provided for review by SAWPA/LESJWA and the LE/CL TMDL Task Force. A final report reflecting review comments will be due thereafter.

Optional Task 5: Conduct Fish Removal

Depending on the fish survey results, conduct fish harvesting to control nuisance species, such as carp, that are viewed as contributing to the turbidity and excessive algae and nutrient levels in the lake. In 2000, it was estimated that “rough” bottom feeding fish such as carp constitute, on a basis of weight (biomass), 85% of the total fish population of the lake. A successful large-scale removal project reduced the carp population by over 90% but that program was terminated in 2009.

In addition to the carp, it is estimated that threadfin shad represent approximately 75% or more of the lake’s fish population. In 1998, an estimated 30 million shad fish were removed from the lake during a die-off. The average length of shad in the lake is estimated to be 2 to 6 inches.

The work shall include, but not necessarily be limited to, the following:

- Provide the necessary equipment and operating personnel for the duration of the project.
- Maintain all equipment in an active state of readiness.
- Provide services for carp removal, either by seine, trap, electro-fishing, or other method(s).
- Provide a cost-effective method of payment for carp removal.
- Monitor the effectiveness of all aspects of the operation and identify areas for necessary improvement.
- Track the species, number and weight of fish removed.
- Because Lake Elsinore is a recreational lake, with businesses and residences surrounding it, the contractor must work closely with the City of Lake Elsinore and the County of Riverside in order to minimize any impacts to the surrounding community.
- Comply with all local, state, and federal licenses, permits, and requirements. Attached are copies of Title 14 Section, 226.7, as well as the commercial fishing application (Application for Permit to Take Non-game Fish), which the contractor is expected to complete prior to the commencement of any work.
- Dispose of the removed product, with consideration for the highest and best use of the resource. For instance, using the fish for the consumer market, pet food, bait fish, fertilizer, fishmeal, etc. The contractor is encouraged to explore alternative solutions similar to the preceding examples; however, as a last resort, landfill facilities may also be an option.
- Data collected will be assembled and maintained in a database.

Project Coordination:

The Proposer will be responsible to attend and participate in regular Lake Elsinore Fishery Management coordination meetings made up of representatives from LESJWA, City of Lake Elsinore and various cities and agencies of the LE&CL TMDL Task Force, as well as consultants that support the Task Force effort. Coordination meetings entail meeting with agency staff to discuss and coordinate proposed fishery management activities.

Emergency Notifications:

The Proposer shall be responsible to provide notification to the LESJWA Project Manager and City of Lake Elsinore staff of any incidents with local property owners, accidents, and/or issues with as a result of any proposed fishery management activities.

Social Media:

The Proposer shall be responsible to provide outreach to local residents using social media (web page, web blog, Facebook, etc.) for all carp removal activities. Outreach will include posting upcoming schedule of activities and regular updates of progress throughout the implementation of activities related to carp removal.

5. PROJECT PROPOSAL

The proposal submitted to LESJWA shall include the following as a minimum.

- **Understanding of the Project** – The Proposer shall provide a brief description of the Project and their understanding of the important elements, as well as technical considerations of the Project.
- **Experience & Qualifications** - The Proposer shall provide descriptions of similar projects that have been successfully completed. References must be submitted for each project, including the name of the contact person, the person's title and telephone number. The Proposer may be required to furnish statements of their financial resources.
- **Scope of Work** – The Proposer shall provide a detailed description of the tasks it proposes to undertake to complete the Project.
- **Description of Equipment** – The Proposer shall detail a list of equipment they will use to complete the tasks.
- **Project Schedule** – The Proposer shall provide a schedule for completing the Project. The schedule shall show each scope of work task and its activity duration.
- **Compensation Budget** – The Proposer shall provide a budget detailing scope of work tasks and material costs.

6. PROPOSAL REQUIREMENTS

Responses to this RFP must be made according to the requirements set forth in this section for content and sequence. Failure to adhere to these requirements or the inclusion of conditions, limitations, or misrepresentations may be cause for rejection of the proposal. Any correction and resubmission by the proposer will not extend the time for evaluation of the proposal. Responses to this RFP shall be prepared as concisely as possible. The proposal should be formatted for legibility by the reviewers, and **no more than twenty (25) pages long**, including staff resumes. Submittal of boilerplate marketing materials is discouraged.

All proposals must include the following information:

- Cover letter, including name, telephone number, email address, fax number and address of the firm.
- Table of Contents
- Background information about the proposer, including technical qualifications, size of firm and relevant licenses. Description of the proposer's business; i.e., individual, partnership, joint venture, etc., and background information of subcontractors to be used, if any.
- Organization chart showing proposed management and project team.
- Complete list of personnel, including subcontractors that will be dedicated to this project.
- The names and qualifications of staff who will participate in the project.
- Project Schedule and Approach
- Description of the proposer's experience. A list of similar services and project descriptions undertaken by the proposer with beginning and ending dates, name,

address, phone number, fax number, and e-mail address of a contact person for each reference. Projects must be within the last five (5) years, and preferably involve the staff identified in list of personnel.

- Fee proposal shall include breakdown of labor hours by employee billing classification, expense reimbursement schedule that includes cost of non-labor and sub-consultant services. Fee proposal shall be broken down by major tasks. All columns and rows shall have totals.
- Hourly billing rates for personnel to be assigned to the project.
- Miscellaneous/Exceptions. Respondents shall thoroughly review the contents of this RFP and shall submit all supplemental information, required in this section of miscellaneous information. A draft LESJWA contract agreement is attached to this RFP ([Attachment A](#)) that the consultant/firm will be required to sign; the respondent must identify any exceptions to that draft agreement as an element of the proposal submitted for review and consideration.

7. SUBMITTALS

Submit **only an electronic copy** of the proposal and related information as a single .pdf file to Rick Whetsel, Senior Watershed Manager (rwhetsel@sawpa.org). Proposals must be received by 1:00 p.m. on Friday, October 26, 2018. Proposals received after the stated time will be deleted and not considered.

A panel composed of LESJWA staff and staff members from the LE&CL TMDL Task Force member agencies will review proposals. If interviews are needed, proposers will be contacted to schedule a meeting at SAWPA in early November 2018. If additional information is needed, email Rick Whetsel at rwhetsel@sawpa.org. All questions and answers will be posted at <http://www.mywatersheds.com/>

8. PROPOSED SCHEDULE

September 20, 2018	Issuance of Request for Proposals
October 26, 2018 (by 1:00 pm)	Proposal due emailed to LESJWA
Week of November 7, 2018 (tentative)	Interviews with proposers if needed
November 14, 2018 (tentative)	LE&CL TMDL Task Force Recommendation of Consultant
December 20, 2018	LESJWA Board approval of Consultant Contract
January 7, 2019	If approved, begin Work

9. REFERENCE DOCUMENTS

The following reference documents are available for viewing/download from the Lake Elsinore and San Jacinto Watersheds Authority website at: <http://www.mywatersheds.com/>

- [Nutrient Levels and Phytoplankton Abundance in Canyon Lake and Lake Elsinore \(2003\)](#)

- [Zooplankton Monitoring at Lake Elsinore \(2004\)](#)

- [Lake Elsinore Fisheries Management Plan \(2005\)](#)

- [Hydroacoustic Fisheries Survey for Lake Elsinore \(2008\)](#)

- [Fishery Hydroacoustic Survey and Ecology of Lake Elsinore \(2015\)](#)

Please contact Rick Whetsel, email: rwhetsel@sawpa.org or phone: (951) 354-4222 with any questions regarding this request for Proposals.

10. EVALUATION CRITERIA

Evaluation of qualifications will be conducted on the following:

- Responsiveness to the RFP
- Experience and qualifications of the assigned individuals/firm in performing similar projects
- Experience and qualifications of the firm in performing similar projects
- Project Approach and understanding of needs
- Appropriateness of proposed fee structure
- Project schedule
- Anticipated value and quality of services received

LESJWA reserves the sole right to evaluate and select the successful proposal(s) and may choose to award a contract to one or more qualified consultants. The selection process is anticipated to include an evaluation of the proposal and an interview.

11. GENERAL REQUIREMENTS

1. All proposers are hereby advised that this RFP is an informal solicitation and is not a commitment or offer to enter into an agreement or engage into any competitive bidding or negotiation pursuant to any statute, ordinance, rule, or regulation. LESJWA reserves the right to negotiate with any qualified source. LESJWA reserves the right to reject any or all proposals for any reason or for no reason at all.
2. LESJWA reserves the right to request further information from the proposer either in writing or orally. Such request will be addressed to that person or persons authorized by the proposer to represent the proposer.
3. LESJWA reserves the sole right to judge the proposers' representations, either written or oral.
4. Proposers understand and agree that submission of a proposal constitutes acknowledgement and acceptance of, and a willingness to comply with, all of the terms, conditions, and criteria contained in this RFP.
5. False, incomplete, or unresponsive statements in connection with a proposal may be sufficient cause for the rejection of the proposal. The valuation and determination of the fulfillment of the above requirement will be LESJWA's responsibility and its decision shall be final.
6. LESJWA reserves the right to interpret or change any provisions of this RFP at any time prior to the proposal submission date. Such interpretations or changes will be in the form of addenda to this RFP. Such addenda will become part of this RFP and may become part of any resultant contract. Such addenda will be made available to each person or organization that has received an RFP. Should such addenda require additional

information not previously requested, a proposer's failure to address the requirements of such addenda might result in the proposal not being considered.

7. All proposals submitted in response to this RFP will become the exclusive property of LESJWA. At such time as LESJWA's recommendation to the LESJWA Board relative to proposal selection appears on the Board Agenda, all such proposals become a matter of public record, and shall be regarded as public records, with the exception of those parts of each proposal which are defined by the proposer as business or trade secrets, and so marked, as "confidential" or "proprietary." LESJWA shall not in any way be liable or responsible for the disclosure of any such proposals or any part thereof if disclosure of any such proposals or any part thereof is required under the Public Records Act.
8. LESJWA shall not in any way be liable for any costs incurred in connection with the preparation of any proposal submitted in response to this RFP.

Attachment A

Draft LESJWA Contract Agreement

AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT

THIS AGREEMENT is made this ____ day of _____, 20__ by and between the **Lake Elsinore & San Jacinto Watersheds Authority (LESJWA)** whose address is 11615 Sterling Avenue, Riverside, Calif. 92503, and _____ ("Consultant") whose address is _____.

RECITALS

This Agreement is entered into on the basis of the following facts, understandings, and intentions of the parties to this Agreement:

A. LESJWA desires to engage the professional services of Consultant to perform such professional consulting services as may be assigned, from time to time, by LESJWA in writing.

B. Consultant agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement and has represented and warrants to LESJWA that Consultant possesses the necessary skills, qualifications, personnel, and equipment to provide such services.

C. The services to be performed by Consultant shall be specifically described in one or more written Task Orders issued by LESJWA to Consultant pursuant to this Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing Recitals and mutual covenants contained herein, LESJWA and Consultant agree as follows:

ARTICLE I **TERM OF AGREEMENT**

1.01 Term of Agreement. This agreement shall become effective on the date first above written and shall continue until _____, 201__, unless extended or sooner terminated as provided for herein.

ARTICLE II **SERVICES TO BE PERFORMED**

2.01 Consultant agrees to provide such professional consulting services as may be assigned, from time to time, in writing by the Board and the Authority Administrator of LESJWA. Each such assignment shall be made in the form of a written Task Order. Each such Task Order shall include, but shall not be limited to, a description of the nature and scope of the services to be performed by Consultant, the amount of compensation to be paid, and the expected time of completion.

2.02 Consultant may, at Consultant's sole cost and expense, employ such competent and qualified independent professional associates, subcontractors, and consultants as Consultant deems necessary to perform each such assignment; provided, however, that Consultant shall not subcontract any of the work to be performed without the prior written consent of LESJWA.

ARTICLE III **COMPENSATION**

3.01 In consideration for the services to be performed by Consultant, LESJWA agrees to pay Consultant as provided for in each Task Order.

3.02 Each Task Order shall specify a total not-to-exceed sum of money and shall be based upon the regular hourly rates customarily charged by Consultant to its clients, as set forth on an exhibit to be attached to each Task Order issued to Consultant.

3.03 Consultant shall not be compensated for any services rendered nor reimbursed for any expenses incurred in excess of those authorized in any Task Order unless approved in advance by the Board of Directors and Authority Administrator of LESJWA, in writing.

3.04 Unless otherwise provided for in any Task Order issued pursuant to this Agreement, payment of compensation earned shall be made in monthly installments after receipt from Consultant of a timely, detailed, corrected, written invoice by LESJWA's Project Manager, describing, without limitation, the services performed, the time spent performing such services, the hourly rate charged therefore, and the identity of individuals performing such services for the benefit of LESJWA. Such invoices shall also include a detailed itemization of expenses incurred. Upon approval by an authorized SAWPA employee, SAWPA will pay within 30 days after receipt of a valid invoice from Consultant.

ARTICLE IV **OBLIGATIONS OF CONSULTANT**

4.01 Consultant agrees to perform all assigned services in accordance with the terms and conditions of this Agreement and those specified in each Task Order.

4.02 Except as otherwise provided for in each Task Order, Consultant will supply all personnel and equipment required to perform the assigned services.

4.03 Consultant shall be solely responsible for the health and safety of its employees and agents in performing the services assigned by LESJWA. Consultant hereby covenants and agrees to:

- a. Obtain a comprehensive general liability and automobile insurance policy, including contractual coverage, with combined single limits for bodily injury and property damage in an amount of not less than \$1,000,000.00. Such policy shall name LESJWA, and any other interested and related party designated by LESJWA, as an additional insured, with any right to subrogation waived as to LESJWA and such designated interested and related party;
- b. Obtain a policy of professional liability insurance in a minimum amount of \$1,000,000.00 per claim or occurrence to cover any negligent acts or omissions committed by Consultant, its employees and/or agents in the performance of any services for LESJWA;
- c. Comply with all local, state and federal laws, rules and regulations;
- d. Provide worker's compensation insurance or a California Department of Insurance-approved self-insurance program in an amount and form that meets all applicable Labor Code requirements, covering all persons or entities providing services on behalf of the Consultant's and all risks to such persons or entities.
- e. Consultant shall require any subcontractor that Consultant uses for work performed for LESJWA under this Agreement or related Task Order to obtain the insurance coverages specified above.
- f. Consultant hereby agrees to waive subrogation which any insurer of Consultant may seek to require from Consultant by virtue of the payment of any loss. Consultant shall obtain an endorsement that may be necessary to give effect to this waiver of subrogation. In addition, the Workers Compensation policy shall be endorsed with a waiver of subrogation in favor of LESJWA for all work performed by Consultant, and its employees, agents and subcontractors.

All such insurance policy or policies shall be issued by a responsible insurance company with a minimum A. M. Best Rating of "A-" Financial Category "X", and authorized and admitted to do business in, and regulated by, the State of California. If the insurance company is not admitted in the State of California, it must be on the List of Eligible Surplus Line Insurers (LESLI), shall have a minimum A.M. Best Rating of "A", Financial Category "X", and shall be domiciled in the United States, unless otherwise approved by LESJWA in writing. Each such policy of insurance shall expressly provide that it shall be primary and noncontributory with any policies carried by LESJWA and, to the extent obtainable, such coverage shall be payable notwithstanding any act of negligence of LESJWA that might otherwise result in forfeiture of coverage. Evidence of all insurance coverage shall be provided to LESJWA prior to issuance of the first Task Order. Such policies shall provide that they shall not be canceled or amended without 30 day prior written notice to LESJWA. Consultant acknowledges and agrees that such insurance is in addition to Consultant's obligation to fully indemnify and hold LESJWA free and harmless from and against any and all claims arising out of an injury or damage to property or persons caused by the negligence, recklessness, or willful misconduct of Consultant in performing services assigned by LESJWA.

4.04 Consultant hereby covenants and agrees that LESJWA, its officers, employees, and agents shall not be liable for any claims, liabilities, penalties, fines or any damage to property, whether real or personal, nor for any personal injury or death caused by, or resulting from, or claimed to have been caused by or resulting from, any negligent act or omission of Consultant. Further, Consultant hereby covenants and agrees to fully indemnify and save LESJWA, its agents, officers and employees, free and harmless from and against any and all of the foregoing liabilities or claims of any kind, and shall reimburse LESJWA for all costs or expenses that LESJWA incurs (including attorneys' fees) on account of any of the foregoing liabilities, including liabilities or claims made by reason of defects in the performance of consulting services pursuant to this Agreement, unless the liability or claim is proximately caused by LESJWA's negligent act or omission.

4.05 In the event that LESJWA requests that specific employees or agents of Consultant supervise or otherwise perform the services specified in each Task Order, Consultant shall ensure that such individual (or individuals) shall be appointed and assigned the responsibility of performing the services.

4.06 In the event Consultant is required to prepare plans, drawings, specifications and/or estimates, the same shall be furnished with a registered professional engineer's number and shall conform to local, state and federal laws, rules and regulations. Consultant shall obtain all necessary permits and approvals in connection with this Agreement, any Task Order or Change Order. However, in the event LESJWA is required to obtain such an approval or permit from another governmental entity, Consultant shall provide all necessary supporting documents to be filed with such entity, and shall facilitate the acquisition of such approval or permit.

ARTICLE V **OBLIGATIONS OF LESJWA**

5.01 LESJWA shall

- a. Furnish all existing studies, reports and other available data pertinent to each Task Order that are in LESJWA's possession;
- b. Designate a person to act as liaison between Consultant and the Authority Administrator and Board of Directors of LESJWA.

ARTICLE VI **ADDITIONAL SERVICES, CHANGES AND DELETIONS**

6.01 During the term of this Agreement, the Board of Directors of LESJWA may, from time to time and without affecting the validity of this Agreement or any Task Order issued pursuant thereto, order changes, deletions, and additional services by the issuance of written Change Orders authorized and approved by the Board of Directors of LESJWA.

6.02 In the event Consultant performs additional or different services than those described in any Task Order or authorized Change Order without the prior written approval of the Board of LESJWA, Consultant shall not be compensated for such services.

6.03 Consultant shall promptly advise LESJWA as soon as reasonably practicable upon gaining knowledge of a condition, event, or accumulation of events, which may affect the scope and/or cost of services to be provided pursuant to this Agreement. All proposed changes, modifications, deletions, and/or requests for additional services shall be reduced to writing for review and approval or rejection by the Board of Directors of LESJWA.

6.04 In the event that LESJWA orders services deleted or reduced, compensation shall be deleted or reduced by a comparable amount as determined by LESJWA and Consultant shall only be compensated for services actually performed. In the event additional services are properly authorized, payment for the same shall be made as provided in Article III above.

ARTICLE VII
CONSTRUCTION PROJECTS:
CHANGE ORDERS FOR CONSTRUCTION CONSULTANT

7.01 In the event LESJWA authorizes Consultant to perform construction management services for LESJWA, Consultant may determine, in the course of providing such services, that a Change Order should be issued to the construction contractor, or Consultant may receive a request for a Change Order from the construction contractor. Consultant shall, upon receipt of any requested Change Order or upon gaining knowledge of any condition, event, or accumulation of events, which may necessitate issuing a Change Order to the construction contractor, promptly consult with the liaison, Authority Administrator and Board of LESJWA. No Change Order shall be issued or executed without the prior approval of the Board of Directors of LESJWA.

ARTICLE VIII
TERMINATION OF AGREEMENT

8.01 In the event the time specified for completion of an assigned task in a Task Order exceeds the term of this Agreement, the term of this Agreement shall be automatically extended for such additional time as is necessary to complete such Task Order, and thereupon this Agreement shall automatically terminate without further notice.

8.02 Notwithstanding any other provision of this Agreement, LESJWA, at its sole option, may terminate this Agreement at any time by giving 10 day written notice to Consultant, whether or not a Task Order has been issued to Consultant.

8.03 In the event of termination, the payment of monies due Consultant for work performed prior to the effective date of such termination shall be paid after receipt of an invoice as provided in this Agreement.

ARTICLE IX
STATUS OF CONSULTANT

9.01 Consultant shall perform the services assigned by LESJWA in Consultant's own way as an independent contractor, and in pursuit of Consultant's independent calling, and not as an employee of LESJWA. Consultant shall be under the control of LESJWA only as to the result to be accomplished and the personnel assigned to perform services. However, Consultant shall regularly confer with LESJWA's liaison, Authority Administrator, and Board of Directors as provided for in this Agreement.

9.02 Consultant hereby specifically represents and warrants to LESJWA that the services to be rendered pursuant to this Agreement shall be performed in accordance with the standards customarily applicable to an experienced and competent professional consulting organization rendering the same or similar services. Further, Consultant represents and warrants that the individual signing this Agreement on behalf of Consultant has the full authority to bind Consultant to this Agreement.

ARTICLE X
AUDIT; OWNERSHIP OF DOCUMENTS

10.01 All draft and final reports, plans, drawings, specifications, data, notes, and all other documents of any kind or nature prepared or developed by Consultant in connection with the performance of services assigned to it by LESJWA are the sole property of LESJWA, and Consultant shall promptly deliver all such materials to LESJWA. Consultant may retain copies of the original documents, at its option and expense.

10.02 Consultant shall retain and maintain, for a period not less than four years following termination of this Agreement, all time records, accounting records, and vouchers and all other records with respect to all matters concerning services performed, compensation paid and expenses reimbursed. At any time during normal business hours and as often as LESJWA may deem necessary, Consultant shall make available to LESJWA's agents for examination of all such records and will permit LESJWA's to audit, examine and reproduce such records.

ARTICLE XI
MISCELLANEOUS PROVISIONS

11.01 This Agreement supersedes all previous agreements, either oral or written, between the parties hereto with respect to the rendering of services by Consultant for LESJWA and contains all of the covenants and agreements between the parties with respect to the rendering of such services in any manner whatsoever. Any modification of this Agreement will be effective only if it is in writing signed by both parties.

11.02 Consultant shall not assign or otherwise transfer any rights or interest in this Agreement without the prior written consent of LESJWA. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

11.03 In the event Consultant is an individual person, and Consultant dies prior to completion of this Agreement or any Task Order issued hereunder, any monies earned that may be due Consultant from LESJWA as of the date of death will be paid to Consultant's estate.

11.04 Time is of the essence in the performance of services required hereunder. Extensions of time within which to perform services may be granted by LESJWA if requested by Consultant and agreed to in writing by LESJWA. All such requests must be documented and substantiated and will only be granted as the result of unforeseeable and unavoidable delays not caused by the lack of foresight on the part of Consultant.

11.05 Consultant shall comply with all local, state and federal laws, rules and regulations including those regarding nondiscrimination and the payment of prevailing wages.

11.06 LESJWA expects that Consultant will devote its full energies, interest, abilities and productive time to the performance of its duties and obligations under Agreement, and shall not engage in any other consulting activity that would interfere with the performance of Consultant's duties under this Agreement or create any conflicts of interest. If required by law, Consultant shall file Conflict of Interest Statements with LESJWA.

11.07 Any dispute which may arise by and between LESJWA and the Consultant, including the Consultant's associates, subcontractor or other consultants, shall be submitted to binding arbitration. Arbitration shall be conducted by the Judicial Arbitration and Mediation Service, Inc., or its successor, or any other neutral, impartial arbitration service that the parties mutually agree upon, in accordance with its rules in effect at the time of the commencement of the arbitration proceeding, and as set forth in this paragraph. The arbitrator must decide each and every dispute in accordance with the laws of the State of California, and all other applicable laws. The arbitrator's decision and award are subject to judicial review by a Superior Court of competent venue and jurisdiction only for material errors of fact or law in accordance with Section 1296 of the Code of Civil Procedure. Limited discovery may be permitted upon a showing of good cause and approved by the assigned arbitrator. Unless the parties stipulate to the contrary, prior to the appointment of the arbitrator, all disputes shall first be submitted to non-binding mediation, conducted by the Judicial Arbitration and Mediation Services, Inc., or its successor, or any other neutral, impartial mediation service that the parties mutually agree upon, in accordance with their rules and procedures for such mediation.

11.08 During the performance of the Agreement, Consultant, and its subcontractors, shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, and denial of family care leave. Consultant, and its subcontractors, shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Consultant, and its subcontractors, shall comply with the provisions of the Fair Employment and Housing Act (Government Code, Section 12290 et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 et seq., set forth in Chapter 5 of Division 4 of

Title 2 of the California Code of Regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Consultant, and its subcontractors, shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. Consultant shall include the non-discrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

IN WITNESS WHEREOF, the parties hereby have made and executed this *Agreement for Services* as of the day and year first above-written.

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY

By Brenda Dennstedt, LESJWA Chair Date _____

(CONSULTANT NAME)

By _____ Date _____ Print/Type Name _____

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LESJWA BOARD MEMORANDUM NO. 838

DATE: October 18, 2018

SUBJECT: TMDL Revision and Update Status Report

TO: LESJWA Board of Directors

FROM: Mark Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors receive and file this status report on the Lake Elsinore and Canyon Lake Nutrient TMDLs Revision and Update.

DISCUSSION

Since December 17, 2015, the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force (LE/CL Task Force) has contracted with CDM Smith to complete the effort to revise and update Lake Elsinore and Canyon Lake Nutrient TMDLs Technical Document and submit a final Basin Plan Amendment package to the Regional Board. The work has spanned three task orders covering the following tasks:

- Task 1 – Prepare TMDL Technical Document
 - Task 1.1 – Background / Problem Statement Chapter 1
 - Task 1.2 – Problem Statement Chapter 2
 - Task 1.3 – Numeric Targets Chapter 3
 - Task 1.4 – Source Assessment Chapter 4
 - Task 1.5 – Linkage Analysis Chapter 5
 - Task 1.6 – WLAs and LAs Chapter 6
 - Task 1.7 – Implementation Plan Chapter 7
 - Task 1.8 – Monitoring Requirements Chapter 8
 - Task 1.9 – References Chapter 9
- Task 2 – Prepare Substitute Environmental Document (SED)
- Task 3 – Prepare Economic Analyses
- Task 4 – Establish Administrative Record
- Task 5 – Prepare Final Documentation
- Task 6 – TMDL Task Force Meetings & Project Coordination

Work is nearing completion on Task It is anticipated that the effort to revise and update the Lake Elsinore and Canyon Lake nutrient TMDLs will continue through to 2020, including the effort of the State and EPA to approve the update as an amendment to the Basin Plan.

BACKGROUND

In June of 2015, the LE/CL Task Force petitioned the Santa Ana Water Board to reopen and revise the Nutrient TMDLs based on the wealth of new information developed over the last 10 years. The Santa Ana Water Board agreed to make this effort a high priority as part of the recent Triennial Review (R8-2015-0085). As part of this agreement, the LE/CL Task Force has accepted responsibility to develop the documentation needed to update and amend the Nutrient TMDL for Canyon Lake and Lake Elsinore.

The reason for the TMDL update is to reflect the significant amount of new data that has developed since the LE/CL-TMDL was first enacted. This information has fundamentally transformed our understanding of how nutrient loading affects the lakes under both natural and undeveloped, and current land use conditions. The scientific studies commissioned by the Task Force have shown conclusively that many of the modeling assumptions used to develop the original TMDL were not accurate. Further, the land use has changed, regulatory policies and permits have been revised, and more specificity is needed to clarify compliance. The work by CDM Smith over the next three fiscal years will require significant scientific and regulatory justification for approval by the Santa Ana Regional Water Quality Control Board and EPA.

In October 2015, in response to a request for qualifications issued by LESJWA, the members of the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Technical Advisory Committee unanimously recommend the selection of CDM Smith to lead the effort to revise and update the Lake Elsinore and Canyon Lake nutrient TMDLs. CDM Smith was approved by the Task Force and LESJWA based upon the consultant's substantial knowledge of the TMDLs and professional expertise of consultants assembled for their team.

Work on the TMDL Revision and Update Report is nearing completion and should be completed by December 2018. Thereafter the report will be turned over to the Regional Board. However, the Regional Board has indicated that additional technical feedback and support as well as assistance to Regional Board staff reports will be needed as the TMDL Update is brought to the Regional Board as a Basin Plan Amendment, is reviewed by the Office of Administrative Law, the State Water Resources Control Board and the US EPA. The additional involvement of both CDM Smith and Risk Sciences is requested by the Regional Board staff of the LE/CL TMDL Task Force. In late October 2018, a new task order for CDM Smith and a change order to the existing Risk Sciences task order will be brought to the LE/CL TMDL Task Force and, if recommended for approval by the Task Force to the LESJWA Board in December 2018.

RESOURCES IMPACT

The TMDL Task Force FY 2018-19 Budget provides sufficient funding to revise and update Lake Elsinore and Canyon Lake Nutrient TMDLs Revision and Update Technical Document and other related documents shown. Additional coordination and technical response may be necessary and is not budgeted at this time. All staff contract administration time for this contract will be taken from the TMDL budget and funded by the TMDL Stakeholders.

LESJWA BOARD MEMORANDUM NO. 839

DATE: October 18, 2018

SUBJECT: Lake Elsinore Advanced Pumped Storage Project (LEAPS) Update

TO: LESJWA Board of Directors

FROM: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors receive and file this status report on Nevada Hydro Company's Inc. (Nevada Hydro) Lake Elsinore Advanced Pumped Storage (LEAPS) Project.

BACKGROUND

Nevada Hydro is still currently seeking to file a license application through the Federal Energy Regulatory Commission (FERC) for the LEAPS Project. Thereafter and concurrent with this application, many other permits and CEQA work would be required before the project can move into implementation.

The proposed project would consist of the following: (1) a new upper reservoir with a 200-foot high main dam and storage of 5,750 acre-feet to be located in the mountains above Lake Elsinore, (2) a 21-foot diameter concrete power shaft and power tunnel with two steel lined penstocks, (3) an underground powerhouse with two reversible pump-turbine units with a total capacity of 500 megawatts, (4) an existing lower reservoir (Lake Elsinore), and (5) about 32 miles of 500 kV transmission line connection the project to an existing transmission line owned by Southern California Edison located north of the proposed project and to an existing San Diego Gas & Electric Company transmission line located to the south.

The Regional Board has been requested by FERC to be a cooperating agency on the LEAPS project under NEPA and CEQA and is requiring a Waste Discharge Requirement (WDR) for the project. In addition, the Regional Board has identified a number of studies to be completed to assess impacts from LEAPS and allow the Regional Board, FERC, State Water Board, and other agencies with jurisdictional authority to develop proper permitting, project conditions; and appropriate mitigation for LEAPS.

- A water supply for the project needs to be identified followed by a joint EIR/EIS that evaluates the LEAPS impacts.
- Determine how much of an increase in total nitrogen (TN), total phosphorus (TP), and cyanotoxins will occur in the water being returned to the lake.
- Assess the potential increase in nutrients in the water column from the removal and return of lake water will result in the resuspension of additional sediment and nutrients into the water column.
- Assess the impacts to Water Contact Recreation.
- Assess the impacts of impingement and entrainment on the lake's aquatic organisms.
- Determine the minimum lake level or lake elevation at which LEAPS will be operated and the effects on the lake at that lowest operational level when the volume of water equivalent to the upper reservoir is removed (even temporarily) from the lake.
- Assess the chemical concentrations in the resulting Discharge, if chemicals were to be added to the water to control algae concentrations that would otherwise damage the pumps or other facilities.

Important to note, Federal law prohibits the Regional Board from issuing a permit for a new discharge to an impaired surface water body, except as allowed by an approved TMDL with waste load allocations for the discharge. The Regional Board will need a study to determine how LEAPS will be incorporated into the lake's TMDLs. Nevada Hydro will have to propose amending the TMDLs to obtain waste load allocations

for TN, TP and cyanotoxins. Nevada Hydro will have to complete a study to revise the TMDLs. The study should include how TMDL numeric targets for the project can be met and propose waste load allocations for TN, TP, and cyanotoxins for LEAPS. A TMDL Compliance Monitoring Program that will monitor LEAPS' compliance with the TMDLs should be included with the study. In lieu of Nevada Hydro addressing the requirements of the TMDL on their own, the Regional Board has requested that Nevada Hydro participate in the Lake Elsinore and Canyon Lake TMDL Task Force.

At this late completion stage of the TMDL Update report and because no funding to the task force was authorized by LESJWA due to litigation between Nevada Hydro and EVMWD, detailed analysis of the LEAPS project was be included in the report nor it is currently shown as a project that might be deemed beneficial to the lake. Studies of project impacts are still under development and uncertain. On August 30th, LESJWA was informed by the Nevada Hydro representatives that the litigation between them and EVMWD had been settled. With the litigation has been settled, the funding support of Nevada Hydro would support continued collaboration and assist further consideration of the various options for task force to improve Lake Elsinore and avoid further funding gaps for the task force to complete planned work for FY 18-19.

A PowerPoint presentation and status report about the project will be made by LEAPS representatives to the LESJWA Board as requested by the LESJWA Board at their last meeting.

BUDGET IMPACT

All staff administration time applied to the TMDL Task Force comes from the TMDL Budget and is funded only by the TMDL Task Force parties.