

**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

**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  
Kasey Castillo, City of Canyon Lake  
Robert Magee, City of Lake Elsinore  
Kevin Jeffries, County of Riverside

**THURSDAY, APRIL 18, 2019 – 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: FEBRUARY 21, 2019.....5**  
**Recommendation:** Approve as posted.
  - B. **TREASURER'S REPORTS: JANUARY – FEBRUARY 2019.....9**  
**Recommendation:** Approve as posted.
  - C. **TMDL TASK FORCE REPORT: FEBRUARY 21, 2019 & MARCH 19, 2019 .....25**  
**Recommendation:** Approve as posted.
5. **NEW BUSINESS**
  - A. **FY 2019-2020 LESJWA BUDGET (LES#2019.6) .....33**  
**Presenter:** Mark Norton  
**Recommendation:** Approve the FY 2019-2020 LESJWA budget and invoice each LESJWA member agency at the start of the new fiscal year based on contribution levels as reflected in the budget.
  - B. **COST SHARE AGREEMENTS WITH OUTSIDE PARTIES POLICY (LES#2019.7) .....39**  
**Presenter:** Mark Norton  
**Recommendation:** Approve the policy for cost share agreements with outside parties, a letter agreement with CR&R for funding and issuance of CR&R invoice.

- C. [PHASE 2 TMDL COMPLIANCE MONITORING PROGRAM – WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC. TASK ORDER \(LES#2019.8\)](#) .....51  
**Presenter:** Mark Norton  
**Recommendation:** Authorize Task Order No. WOOD160-02 with Wood Environment & Infrastructure Solutions, Inc. for an amount not-to-exceed \$220,585 to oversee and implement the FY 2019-20 Phase 2 TMDL Compliance Monitoring Program for the Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Load (TMDL) Task Force.
6. **INFORMATIONAL REPORTS**  
**Recommendation:** Receive for information.
- A. [SAWPA OWOW PROPOSITION 1 IRWM ROUND 1 GRANT APPLICATIONS \(LES#2019.9\)](#).....57  
**Presenter:** Mark Norton  
**Recommendation:** Receive and file status report regarding the Canyon Lake Dredging Project and the Physical Harvesting of Algal Biomass in Lake Elsinore, a pilot project which submitted grant requests to SAWPA’s One Water One Watershed Proposition 1 IRWM Round 1 Grant program.
- B. [LAKE ELSINORE & CANYON LAKE NUTRIENT TMDL TASK FORCE UPDATE \(LES#2019.10\)](#) .....59  
**Presenter:** Mark Norton  
**Recommendation:** Receive and file status report regarding the Lake Elsinore and Canyon Lake Nutrient TMDL Revision Report and the LE/CL TMDL Task Force activities.
- C. [ACOE’S LAKE ELSINORE AQUATIC ECOSYSTEM RESTORATION INTEREST DETERMINATION \(LES#2019.11\)](#) .....61  
**Presenter:** Mark Norton  
**Recommendation:** Receive and file status report of an EVMWD meeting held with ACOE staff to discuss ACOE Continuing Authorities Program Section 206 Federal Interest Determination for Lake Elsinore Aquatic Ecosystem Restoration.
- D. **ADMINISTRATOR’S COMMENTS**
- E. **DIRECTORS’ COMMENTS**
- F. **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](mailto: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](http://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 Friday, April 12, 2019, a copy of this agenda has been uploaded to the LESJWA website at [www.mywatersheds.com](http://www.mywatersheds.com) and posted at the SAWPA office, 11615 Sterling Avenue, Riverside, CA 92503.

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/s\

<b><u>2019 – LESJWA Board of Directors Regular Meetings</u></b>	
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)	
<del>February 21, 2019</del>	April 18, 2019
June 20, 2019	August 15, 2019
October 17, 2019	December 19, 2019

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# LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY BOARD OF DIRECTORS MEETING

## REGULAR MEETING MINUTES FEBRUARY 21, 2019

### **BOARD OF DIRECTORS PRESENT**

Brenda Dennstedt, Chair, Santa Ana Watershed Project Authority  
Kasey Castillo, Secretary/Treasurer, City of Canyon Lake  
Robert Magee, City of Lake Elsinore  
Kevin Jeffries, County of Riverside

### **BOARD OF DIRECTORS ABSENT**

Phil Williams, Vice Chair, Elsinore Valley Municipal Water District

### **OTHERS PRESENT**

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

### **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 4:04 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. NEW BOARD MEMBER WELCOME**

The Board of Directors welcomed Kasey Castillo, Director, representing City of Canyon Lake to the LESJWA Board of Directors.

#### **5. CONSENT CALENDAR**

##### **A. APPROVAL OF MEETING MINUTES: DECEMBER 10, 2018**

Recommendation: Approve as posted.

##### **B. TREASURER'S REPORT: NOVEMBER/DECEMBER 2018**

Recommendation: Approve as posted.

##### **C. COMMITTEE STATUS REPORT: JANUARY 29, 2019**

Recommendation: Approve as posted.

##### **D. TMDL TASK FORCE REPORT: JANUARY 9, 2019**

Recommendation: Approve as posted.

**MOVED**, approve the Consent Calendar.

Result:	<b>Adopted (Unanimously)</b>
Motion/Second:	Magee/Jeffries
Ayes:	Castillo, Dennstedt, Jeffries, Magee

Nays: None  
Abstentions: None  
Absent: Williams

**6. NEW BUSINESS**

**A. LAKE ELSINORE FISHERY MANAGEMENT PLAN AND SURVEY (LES#2019.1)**

Mark Norton recommended that the Board of Directors authorize the General Services Agreement and Task Order No. WOOD160-01 with Wood Environment & Infrastructure Solutions, Inc. for an amount not-to-exceed \$241,247.00 to oversee and implement the Lake Elsinore Fishery Management through the Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Load (TMDL) Task Force. The scope of work includes Historic Data Review, Survey of the Lake Elsinore Aquatic Fishery, Fish Tissue Sampling and Analysis, and Future Fishery Management Activities Report, with a future optional task to Conduct Fish Removal. Director Magee noted that he is in support, though he requests that under Task 4 where it lists the fish to be stocked, that the list is tight enough to where the Department of Fish and Game can't push back anymore due to their restrictions. The future lake fishery needs variety, more than the five basics, and he requests that Wood Environment & Infrastructure Solutions work with Mr. William Johnson, Jr. whom is responsible for the campground and the boat launch, as well as Mr. James Skinner and Ms. Nicole Dailey.

**MOVED**, to authorize General Services Agreement and Task Order No. WOOD160-01 with Wood Environment & Infrastructure Solutions, Inc. for an amount not-to-exceed \$241,247 to oversee and implement Lake Elsinore Fishery Management through the Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Load (TMDL) Task Force.

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

**B. SAWPA OWOW PROP 1 IRWM ROUND 1 GRANT APPLICATIONS (LES#2019.2)**

Mark Norton recommended that the Board of Directors approve the letters of support for the Canyon Lake East Bay Dredging Project and the Physical Harvesting of Algal Biomass as part of the SAWPA One Water One Watershed (OWOW) "Call for Projects" Proposition (Prop) 1 IRWM Round 1 Grant program. The Physical Harvesting of Algal Biomass is a pilot project proposing the removal of lake algae through the use of a floating barge system and harvesting for biofuels, soil amendments or disposal for composting. The Canyon Lake East Bay Dredging project was prepared based on the past Canyon Lake dredging project and is recommended as a possible supplemental project in the TMDL Update report to help remove nutrient laden sediment in the Canyon Lake East Bay.

**MOVED**, to approve the letters of support for the Canyon Lake East Bay Dredging Project and the Lake Elsinore Algae Skimming Project which has submitted grant requests to SAWPA's One Water One Watershed Proposition 1 IRWM Round 1 Grant program.

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

**C. REPORT ON AUDIT FOR FISCAL YEAR ENDING JUNE 30, 2018**

Karen Williams recommended that the Board of Directors receive and file the FY 2017-18 Report on Audit prepared by Teaman, Ramirez & Smith, Inc., and direct staff to file the Report on Audit with respective government agencies as required by law. Williams noted that the financial states presented contain no qualifications or reportable conditions and is compliant with applicable State and Federal laws and regulations. The Audit report was distributed to each of the member agency's financial staff for review and no comments were received.

**MOVED**, to receive and file the FY 2017-18 Report on Audit prepared by Teaman, Ramirez & Smith, Inc., and directed staff to file the Report on Audit with respective government agencies as required by law.

Result:	<b>Adopted (Unanimously)</b>
Motion/Second:	Magee/Jeffries
Ayes:	Castillo, Dennstedt, Jeffries, Magee
Nays:	None
Abstentions:	None
Absent:	Williams

**7. INFORMATIONAL REPORTS**

Recommendation: Receive for information.

**A. OUTSIDE FUNDING POLICY (LES#2019.4)**

Mark Norton provided a verbal status update on the work of the LESJWA Board subcommittee on developing an outside funding policy. The subcommittee was formed among two LESJWA Board members, Chair Dennstedt and Director Magee. Meetings were held with the subcommittee and LESJWA staff on January 17 and with the Regional Board staff on February 11. Norton noted that a consensus was reached in developing an outside funding policy and it will be brought forward at the LESJWA Board meeting in April. Director Magee provided an outline and the direction that was given to staff; A Cost Sharing Agreement is to be developed with the following steps: 1) It would have to be a current and complete application only (which means the LEAPS project is out). 2) They would need to be a non-voting member of the Task Force. 3) They would need to submit a deposit to our staff for review of their application. 4) The project will either be deemed consistent or inconsistent with our revised TMDLs or they have the option to perform their own TMDL. 5) Staff will determine the cost of the review and the applicant will receive a closing bill/statement. They can purchase credits, if appropriate, when available. 6) Staff is directed to get legal review of the Cost Sharing Agreement. Director Magee requests that the outline be shared with Director Williams. Chair Dennstedt noted that the Regional Board appreciated that the LESJWA Board is wanting to facilitate in a more efficient and prudent way. The direction given to LESJWA staff is to come up with the draft language, run it by Legal Counsel and then bring it back for first review and incorporate any changes with possible approval in April or the subsequent meeting in June.

This item was for informational and discussion purposes; no action was taken on Agenda Item No. 7.A.

**B. LAKE ELSINORE & CANYON LAKE NUTRIENT TMDL REVISION (LES#2019.5)**

Mark Norton provided a verbal status update on the Lake Elsinore & Canyon Lake Nutrient (LE/CL) Total Maximum Daily Loads (TMDL) Revision Report. The report has been finalized by the LE/CL TMDL Task Force that was submitted on December 1. On January 16 a Scoping Meeting was held at EVMWD to discuss the potential amendments to the Water Quality Control Plan for the Santa Ana River Basin to revise the TMDL. The Regional Board will be scheduling a Public Workshop on May 2 to present Draft proposed changes to the Basin Plan for a replacement to the 2004 TMDL. Norton

noted that a lot of work has gone into this report with the help of Risk Sciences, CDM Smith and the Regional Board.

This item was for informational and discussion purposes; no action was taken on Agenda Item No. 7.B.

**C. LAKE ELSINORE QUALITY AND HOLY FIRE SEDIMENT RUNOFF STATUS**

Nicole Dailey provided a PowerPoint presentation and provided a status update on the recent events for Lake Elsinore. August 2018, the Holy Fire burned over 22,000 acres in five canyons of Cleveland National Forest, November through December 2018 significant rainfall and debris flows. Fish die-off began December 20 and ended January 24 (5 weeks). January 16, Canyon Lake began to spillover through February 21, and February 15 the lake was closed due to debris and reopened February 21. January 9, Wood Environment (previously named AMEC Foster) performed water samples due to the excessive fish die-off and it was determined that Golden Algae was at a high concentration and is very toxic to fishery. Dailey noted that the next steps is to dredge out sediment plume. An application was submitted with the help of Ken Theisen/Regional Board for the cleanup and abatement funds of \$42,000 to do a full monitoring and analysis of the runoff flows to determine the impact of the Lake Elsinore. There is a conference call being organized with the Army Corps of Engineers to avoid permits related to dredging.

This item was for informational and discussion purposes; no action was taken on Agenda Item No. 7.C.

**D. ADMINISTRATOR'S COMMENTS**

Mark Norton informed the Board of Directors about the Santa Ana River Watershed Conference scheduled March 29 at Cal State Fullerton. Norton noted that Liselle DeGrave will have a LESJWA booth set up with brochures.

**E. DIRECTORS' COMMENTS**

Director Magee welcomed newest Director, Kasey Castillo and noted that he looks forward to working together. There is a volunteer effort Lake clean-up scheduled Saturday, February 23 at Seaport Boat Launch.

**F. FUTURE AGENDA ITEMS REQUESTS**

There were no further requests for future agenda items.

**8. ADJOURNMENT**

There being no further business for review, Chair Dennstedt adjourned the meeting at 4:49 p.m.

**Approved at a Regular Meeting of the Lake Elsinore & San Jacinto Watersheds Authority Board of Directors Meeting on Thursday, April 18, 2019.**

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Brenda Dennstedt, Chair

Attest:

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Sara Villa, Clerk of the Board



*Lake Elsinore and San Jacinto Watersheds Authority*

*FINANCIAL STATEMENTS*

*January 2019*

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY  
CASH FLOW STATEMENT  
AS OF 1/31/19

<b>Balance as of 12/31/18</b>	\$	816,308.37
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**Funds Received**

**Deposits:**

City of Perris	\$	16,500.00
City of Menifee	\$	31,200.00
City of Lake Elsinore	\$	20,000.00
LAIF Interest	\$	4,260.07

**Open - Grant Invoices**

**Open - Member & Other Contributions**

City of Murietta	\$	22,796.00
WRCAG	\$	12,901.35
City of Murietta	\$	1,200.00
WRCAG	\$	7,560.00
<b>Total Due LESJWA</b>	<b>\$</b>	<b>44,457.35</b>

<b>Disbursement List - January 2019</b>	\$	(42,972.85)
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<b>Funds Available as of 1/31/19</b>	<b>\$</b>	<b>845,295.59</b>
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**Funds Available:**

Checking	\$	57,338.04
LAIF	\$	787,957.55
<b>Total</b>	<b>\$</b>	<b>845,295.59</b>

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

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	112,252.00
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	66,775.00
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	829,215.00
Total Paid Contributions	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	743,579.65
<b>Total Outstanding Contributions</b>	-	-	-	-	-	-	-	85,635.35
<b>Total Outstanding Contributions</b>								
City of Murrieta	-	-	-	-	-	-	-	23,996.00
CR&R	-	-	-	-	-	-	-	23,182.00
Nevada Hydro	-	-	-	-	-	-	-	17,996.00
San Jacinto Agricultural Operators	-	-	-	-	-	-	-	20,461.35
<b>Total Outstanding All Years</b>	-	-	-	-	-	-	-	<b>85,635.35</b>

Lake Elsinore/San Jacinto Watershed Authority  
Statement of Net Assets  
For the Seven Months Ending Thursday, January 31, 2019

Assets

Checking - US Bank	\$57,338.04
L.A.I.F.	787,957.55
Accounts Receivable	44,457.35
Total Assets	<u>\$889,752.94</u>

Liabilities

Accounts Payable	74,257.56
Total Liabilities	<u>\$74,257.56</u>

Retained Earnings	512,233.10
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Excess Revenue over (under) Expenditures	<u>\$303,262.28</u>
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Total Net Assets	<u>\$815,495.38</u>
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Total Liabilities and Net Assets	<u>\$889,752.94</u>
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Lake Elsinore/San Jacinto Watershed Authority  
Revenues, Expenses and Changes in Net Assets  
For the Seven Months Ending Thursday, January 31, 2019

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
<b>Revenues</b>					
LAIF Interest	\$4,260.07	\$7,478.91	\$5,000.00	149.58%	(\$2,478.91)
Member Agency Contributions	0.00	256,528.00	256,528.00	100.00%	0.00
Other Agency Contributions	0.00	641,509.00	704,584.00	91.05%	63,075.00
Miscellaneous Revenue	0.00	30.00	0.00	0.00%	(30.00)
<b>Total Revenues</b>	<b>\$4,260.07</b>	<b>\$905,545.91</b>	<b>\$966,112.00</b>	<b>93.73%</b>	<b>\$60,566.09</b>
<b>Expenses</b>					
Salaries - Regular	6,085.15	39,473.03	75,352.00	52.38%	35,878.97
Payroll Burden	2,659.22	17,249.73	32,928.00	52.39%	15,678.27
Overhead	8,586.15	55,696.44	106,320.00	52.39%	50,623.56
Audit Fees	0.00	5,000.00	5,000.00	100.00%	0.00
Consulting - General	39,825.70	355,395.42	686,112.00	51.80%	330,716.58
LEAMS Offset Credit License	0.00	122,472.00	176,700.00	69.31%	54,228.00
Legal Fees	175.00	4,200.00	850.00	494.12%	(3,350.00)
Meeting & Conference Expense	0.00	89.75	100.00	89.75%	10.25
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	93.34	154.26	91.00	169.52%	(63.26)
<b>Total Expenditures</b>	<b>\$57,424.56</b>	<b>\$602,283.63</b>	<b>\$1,086,158.00</b>	<b>55.45%</b>	<b>\$483,874.37</b>
<b>Excess Revenue over (under) Expenditures</b>	<b>(\$53,164.49)</b>	<b>\$303,262.28</b>	<b>(\$120,046.00)</b>	<b>-252.62%</b>	<b>(\$423,308.28)</b>

**Lake Elsinore San Jacinto Watersheds Authority**  
**Revenues, Expenses and Changes in Net Assets by Project**  
**For the Month Ending January 31, 2019**

	JPA		TMDL					Budget	% Used	Budget	Variance
	Administration		Task Force		Total						
<b>Revenues</b>											
State Grant Proceeds	\$	-	\$	-	\$	-	\$	-	100.00%	\$	-
LAIF Interest		7,478.91		-		7,478.91		5,000.00	149.58%		(2,478.91)
Member Agency Contributions		110,000.00		146,528.00		256,528.00		256,528.00	100.00%		-
Other Agency Contributions		-		641,509.00		641,509.00		704,584.00	91.05%		63,075.00
Miscellaneous Revenue		-		30.00		30.00		-	100.00%		(30.00)
<b>Total Revenues</b>	\$	117,478.91	\$	788,067.00	\$	905,545.91	\$	966,112.00	93.73%	\$	60,566.09
<b>Expenditures</b>											
Salaries	\$	12,831.76	\$	26,641.27	\$	39,473.03	\$	75,352.00	52.38%	\$	35,878.97
Benefits		5,607.49		11,642.24		17,249.73		32,928.00	52.39%		15,678.27
Indirect Costs		18,105.61		37,590.83		55,696.44		106,320.00	52.39%		50,623.56
Audit Fees		5,000.00		-		5,000.00		5,000.00	100.00%		-
Consulting		12,865.94		342,529.48		355,395.42		686,112.00	51.80%		330,716.58
Legal Fees		4,200.00		-		4,200.00		850.00	0.00%		(3,350.00)
Meeting & Conference Expense		48.00		41.75		89.75		100.00	89.75%		10.25
Shipping & Postage		-		-		-		50.00	0.00%		50.00
Other Expense		-		-		-		59.00	0.00%		59.00
LEAMS Excess Offset Credit		-		122,472.00		122,472.00		176,700.00	69.31%		54,228.00
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		154.26		-		154.26		91.00	169.52%		(63.26)
<b>Total Expenditures</b>	\$	61,366.06	\$	540,917.57	\$	602,283.63	\$	1,086,158.00	55.45%	\$	483,874.37
<b>Excess Revenue over (under) Expenditures</b>	\$	56,112.85	\$	247,149.43	\$	303,262.28	\$	(120,046.00)	100.00%	\$	(423,308.28)
<b>Cash Balance @ 1/31/19</b>	\$	<b>125,832.19</b>	\$	<b>719,463.40</b>	\$	<b>845,295.59</b>					

**Lake Elsinore San Jacinto  
Watershed Authority  
Disbursements  
January 2019**

Check #	Check Date	Type	Vendor	Check Amount
1093	1/18/2019	CHK	Teaman, Ramirez and Smith, Inc	\$5,000.00
EFT204	1/4/2019	CHK	CDM Smith Inc	\$12,484.72
EFT205	1/18/2019	CHK	Law Office of David L. Wysocki	\$1,881.25
EFT206	1/18/2019	CHK	Santa Ana Watershed Project Authority	\$13,907.12
EFT207	1/24/2019	CHK	Risk Sciences	\$8,042.18
EFT208	1/24/2019	CHK	DeGrave Communications	\$1,657.58
<b>Total Disbursements January 2019</b>				<b><u><u>\$42,972.85</u></u></b>

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*Lake Elsinore and San Jacinto Watersheds Authority*

*FINANCIAL STATEMENTS*

*February 2019*

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY  
CASH FLOW STATEMENT  
AS OF 2/28/19

<b>Balance as of 1/31/19</b>	\$	845,295.59
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**Funds Received**

**Deposits:**

**Open - Grant Invoices**

**Open - Member & Other Contributions**

City of Murietta	\$	22,796.00
WRCAG	\$	12,901.35
City of Murietta	\$	1,200.00
WRCAG	\$	7,560.00
<b>Total Due LESJWA</b>	<b>\$</b>	<b>44,457.35</b>

<b>Disbursement List - February 2019</b>	\$	(34,431.86)
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<b>Funds Available as of 2/28/19</b>	<b>\$</b>	<b>810,863.73</b>
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**Funds Available:**

Checking	\$	22,906.18
LAIF	\$	787,957.55
<b>Total</b>	<b>\$</b>	<b>810,863.73</b>

Lake Elsinore San Jacinto Watersheds Authority  
LE/CL TMDL Invoice History  
FYE 2011 - 2019  
as of February 28, 2019

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	112,252.00
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	66,775.00
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
<b>Total</b>	<b>379,290.00</b>	<b>167,711.00</b>	<b>429,823.00</b>	<b>642,714.00</b>	<b>497,061.58</b>	<b>910,630.00</b>	<b>709,258.00</b>	<b>829,215.00</b>
<b>Total Paid Contributions</b>	<b>379,290.00</b>	<b>167,711.00</b>	<b>429,823.00</b>	<b>642,714.00</b>	<b>497,061.58</b>	<b>910,630.00</b>	<b>709,258.00</b>	<b>743,579.65</b>
<b>Total Outstanding Contributions</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>85,635.35</b>
<b>Total Outstanding Contributions</b>								
City of Murrieta	-	-	-	-	-	-	-	23,996.00
CR&R	-	-	-	-	-	-	-	23,182.00
Nevada Hydro	-	-	-	-	-	-	-	17,996.00
San Jacinto Agricultural Operators	-	-	-	-	-	-	-	20,461.35
<b>Total Outstanding All Years</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>85,635.35</b>

Lake Elsinore/San Jacinto Watershed Authority  
Statement of Net Assets  
For the Eight Months Ending Thursday, February 28, 2019

Assets

Checking - US Bank	\$22,906.18
L.A.I.F.	787,957.55
Accounts Receivable	44,457.35
Total Assets	<u>\$855,321.08</u>

Liabilities

Accounts Payable	<u>65,810.23</u>
Total Liabilities	<u>\$65,810.23</u>

Retained Earnings	512,233.10
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Excess Revenue over (under) Expenditures	<u>\$277,277.75</u>
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Total Net Assets	<u>\$789,510.85</u>
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Total Liabilities and Net Assets	<u>\$855,321.08</u>
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Lake Elsinore/San Jacinto Watershed Authority  
Revenues, Expenses and Changes in Net Assets  
For the Eight Months Ending Thursday, February 28, 2019

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
<b>Revenues</b>					
LAIF Interest	\$0.00	\$7,478.91	\$5,000.00	149.58%	(\$2,478.91)
Member Agency Contributions	0.00	256,528.00	256,528.00	100.00%	0.00
Other Agency Contributions	0.00	641,509.00	704,584.00	91.05%	63,075.00
Miscellaneous Revenue	0.00	30.00	0.00	0.00%	(30.00)
<b>Total Revenues</b>	<b>\$0.00</b>	<b>\$905,545.91</b>	<b>\$966,112.00</b>	<b>93.73%</b>	<b>\$60,566.09</b>
<b>Expenses</b>					
Salaries - Regular	6,308.92	45,781.95	75,352.00	60.76%	29,570.05
Payroll Burden	2,757.00	20,006.73	32,928.00	60.76%	12,921.27
Overhead	8,901.88	64,598.32	106,320.00	60.76%	41,721.68
Audit Fees	0.00	5,000.00	5,000.00	100.00%	0.00
Consulting - General	8,016.73	363,412.15	686,112.00	52.97%	322,699.85
LEAMS Offset Credit License	0.00	122,472.00	176,700.00	69.31%	54,228.00
Legal Fees	0.00	4,200.00	850.00	494.12%	(3,350.00)
Meeting & Conference Expense	0.00	89.75	100.00	89.75%	10.25
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	154.26	91.00	169.52%	(63.26)
<b>Total Expenditures</b>	<b>\$25,984.53</b>	<b>\$628,268.16</b>	<b>\$1,086,158.00</b>	<b>57.84%</b>	<b>\$457,889.84</b>
<b>Excess Revenue over (under) Expenditures</b>	<b>(\$25,984.53)</b>	<b>\$277,277.75</b>	<b>(\$120,046.00)</b>	<b>-230.98%</b>	<b>(\$397,323.75)</b>

**Lake Elsinore San Jacinto Watersheds Authority**  
**Revenues, Expenses and Changes in Net Assets by Project**  
**For the Month Ending February 28, 2019**

	<b>JPA</b>	<b>TMDL</b>				<b>Budget</b>	<b>% Used</b>	<b>Budget</b>
	<b>Administration</b>	<b>Task Force</b>	<b>Total</b>					<b>Variance</b>
<b>Revenues</b>								
State Grant Proceeds	\$ -	\$ -	\$ -	\$ -	100.00%	\$ -		
LAIF Interest	7,478.91	-	7,478.91	5,000.00	149.58%	(2,478.91)		
Member Agency Contributions	110,000.00	146,528.00	256,528.00	256,528.00	100.00%	-		
Other Agency Contributions	-	641,509.00	641,509.00	704,584.00	91.05%	63,075.00		
Miscellaneous Revenue	-	30.00	30.00	-	100.00%	(30.00)		
<b>Total Revenues</b>	\$ 117,478.91	\$ 788,067.00	\$ 905,545.91	\$ 966,112.00	93.73%	\$ 60,566.09		
<b>Expenditures</b>								
Salaries	\$ 15,453.13	\$ 30,328.82	\$ 45,781.95	\$ 75,352.00	60.76%	\$ 29,570.05		
Benefits	6,753.03	13,253.70	20,006.73	32,928.00	60.76%	12,921.27		
Indirect Costs	21,804.36	42,793.96	64,598.32	106,320.00	60.76%	41,721.68		
Audit Fees	5,000.00	-	5,000.00	5,000.00	100.00%	-		
Consulting	13,594.81	349,817.34	363,412.15	686,112.00	52.97%	322,699.85		
Legal Fees	4,200.00	-	4,200.00	850.00	0.00%	(3,350.00)		
Meeting & Conference Expense	48.00	41.75	89.75	100.00	89.75%	10.25		
Shipping & Postage	-	-	-	50.00	0.00%	50.00		
Other Expense	-	-	-	59.00	0.00%	59.00		
LEAMS Excess Offset Credit	-	122,472.00	122,472.00	176,700.00	69.31%	54,228.00		
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	154.26	-	154.26	91.00	169.52%	(63.26)		
<b>Total Expenditures</b>	\$ 69,560.59	\$ 558,707.57	\$ 628,268.16	\$ 1,086,158.00	57.84%	\$ 457,889.84		
<b>Excess Revenue over (under) Expenditures</b>	\$ 47,918.32	\$ 229,359.43	\$ 277,277.75	\$ (120,046.00)	100.00%	\$ (397,323.75)		
<b>Cash Balance @ 2/28/19</b>	<b>\$ 119,798.92</b>	<b>\$ 691,064.81</b>	<b>\$ 810,863.73</b>					

**Lake Elsinore San Jacinto  
Watershed Authority  
Disbursements  
February 2019**

<b>Check #</b>	<b>Check Date</b>	<b>Type</b>	<b>Vendor</b>	<b>Check Amount</b>
EFT209	2/7/2019	CHK	Wood Environment & Infrastructure	\$10,987.50
EFT210	2/15/2019	CHK	Law Office of David L. Wysocki	\$175.00
EFT211	2/15/2019	CHK	Wood Environment & Infrastructure	\$5,845.50
EFT212	2/21/2019	CHK	Santa Ana Watershed Project Authority	\$17,423.86
<b>Total Disbursements February 2019</b>				<b><u>\$34,431.86</u></b>

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**LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE  
MEETING NOTES**

**February 21, 2019**

**PARTICIPANTS**

Dave Renfrew  
Garth Engelhorn  
Claudia Steiding  
John McNamara  
Kasey Castillo  
Dan Cortese  
Rae Beimer  
Cynthia Gabaldon  
Mike Roberts  
Stormy Osifeso  
Lynn Merrill  
Lenai Hunter  
Sudhir Mohleji  
Richard Meyerhoff  
Ankita Vyas  
Greg Kahlen  
Tim Moore  
Ken Theisen  
Abigail Suter  
Andrea Gonzalez  
Edwin Quinonez  
Rebekah Guill  
Richard Boon  
Chris Stransky  
John Rudolph  
Bruce Whitaker  
Rick Whetsel  
Mark Norton

**REPRESENTATIVE**

Alta Environmental  
Alta Environmental  
CASC/City of Hemet  
CR&R  
City of Canyon Lake  
City of Hemet  
City of Moreno Valley  
City of Perris  
City of Riverside  
City of Riverside  
City of San Jacinto  
Elsinore Valley Municipal Water District  
Elsinore Valley Municipal Water District  
GEI Consultants  
MBI/Caltrans  
The Kahlen Group  
Risk Sciences  
Regional Water Quality Control Board  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Wood Environmental  
Wood Environmental  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority

**VIA-CONFERENCE CALL**

Steven Wolosoff  
Nicole Dailey  
Pat Boldt  
Rachael Johnson

CDM Smith  
City of Lake Elsinore  
WRCAC  
Riverside County Farm Bureau

**Call to Order & Introductions**

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 1:04 p.m. by Mark Norton at the Santa Ana Watershed Project Authority, Riverside, California.

**Meeting Notes**

The January 9, 2019 LE/CL TMDL Task Force meeting notes were deemed acceptable.

**Update: Basin Plan Amendment to Update and Revise TMDLs (Regional Board)**

Regional Board staff was not available for comment, but Tim Moore / Risk Sciences was available to update stakeholders on a couple key items.

The Regional Board intends to post the final draft of all key documents including the Basin Plan Amendment, and Resolution of Adoption by March 1<sup>st</sup>. That will kick-off the formal Public Review and Comment period and concurrent to that the Peer Review process. Aiming for a late summer Adoption Hearing.

Mr. Moore noted significant changes to EPA staff working on the TMDL. Feedback from EPA has been positive and have not had significant comments to our proposed process.

Mr. Moore also noted that our schedule for adoption of the LE&CL TMDL update may be delayed, not due to issues with our work, but due to the permit process for the Poseidon project, which is consuming a great deal of Regional Board staff time. Therefore, Mr. Moore suggested that the Task Force submit a letter to Regional Board, with respect to the Regional Board Triennial Review Process, requesting the LE&CL TMDL Revision be approved within this Triennial Review Period.

Mr. Moore will prepare a letter for review by the Task Force and submit to Regional Board.

**Update: Lake Elsinore Water Quality**  
**RCFC&ECD Monitoring Results (RCFC&WCD)**

Rebekah Guill /Riverside County Flood Control & WCD and Garth Engelhorn /Alta Environmental presented an update and preliminary results from the Post Fire Monitoring being conducted by the County to evaluate the impacts of the Holy Fire.

Richard Boon and Andrea Gonzalez /Riverside County Flood Control & WCD followed with a presentation to stakeholders on the effort by the County to manage storm runoff and debris from the burned area, this included a brief video to showing an example of the local storm flow.

Following the presentation Mr. Moore requested, to support this significant effort by the County to manage debris flow from the burn area, that the load of TN and TP removed by the County from reaching Lake Elsinore be quantified and a comparison be made of the pre and post sediment loadings.

Ms. Pat Boldt /WRCAC informed stakeholders that local consultants AIS, recently completed vegetation mapping for the State.

**TMDL Compliance Monitoring (John Rudolph/Wood Environmental)**

Chris Stransky and John Rudolph /Wood Environmental presented results of recent water quality monitoring of Lake Elsinore in response to the recent storm events.

Mr. Rudolph also described a scope of work for clean-up and abatement funds prepared for the City of Lake Elsinore to characterize of the newly formed sediment plume for possible dredging, as well as, looking as algal speciation and water quality related toxicity issues in sediment runoff from the burned area.

Mr. Stransky noted that the field crew collected and froze some dead fish from the Lake to for possible fish tissue analysis. Mr. Moore suggested that these fish could be analyzed as part of the upcoming Fishery management effort to be led by Wood Environmental.

**Clean-up and Abatement Funding (Ken Theisen/Santa Ana Regional Board)**

Nicole Dailey /City of Lake Elsinore informed stakeholders of the application submitted to the State for clean-up and abatement funds. She thanked Regional Board staff Ken Theisen and Heather Boyd for their assistance in preparing the application and noted that she and Ken have setup a call with the U.S. Army Corps of Engineers to discuss the guidelines for an emergency situation and permit requirements if the results of the monitoring by Wood Environmental show the need for this material to be dredged from the Lake.

This application for funding is for \$42,000 to complete the Phase 1 work proposed by Wood Environmental and if necessary the City will prepare a second application for phase 2 work, which will include work related to dredging of the sediment from the burn area.

Ms. Dailey also noted that the City and County have been tracking their costs in hopes that it will be eligible for reimbursement from FEMA.

Lastly, Ms. Dailey noted that the fish die-off lasted about five (5) weeks and resulted in the removal of 150 tons of primarily dead carp from the Lake.

With the recent storms, lake level has risen to 1240.7 feet above sea level.

**Discussion: Canyon Lake Alum Project****Postponed Alum Application week of February 18<sup>th</sup> (LESJWA Staff)**

Rick Whetsel /SAWPA informed stakeholders that the Canyon Lake spring alum application planned for the week of February 18<sup>th</sup> has been postponed, due the heavy rains forecasted for the watershed. It is proposed that the alum application will take place either the last week of March or mid-April. Moving forward Mr. Whetsel will coordinate with Robert Laag /Riverside County Flood Control & WCD and Garth Engelhorn /Alta Environmental on the weather forecast.

**Permit Requirements for Alum additions to Canyon Lake (Risk Sciences)**

Tim Moore / Risk Sciences is discussing the timing for need of a permit for the application of alum to Canyon Lake with Regional Board staff. It is expected that we will be looking at the configuration of a new alum program beginning with the alum applications planned for 2020, which coincides with the next RFP to be issued by the Task Force to hire a firm to implement the program.

**Discussion: Prop 1 Grant Submittals (LESJWA Staff)**

Mark Norton /LESJWA provided a brief update on proposals for Proposition 1 funding submitted by LESJWA and the City of Lake Elsinore, with potential to support the effort of the LE&CL TMDL Task Force.

**Canyon Lake Dredging**

Mr. Norton briefly described the Canyon lake POA project for \$6 Million for dredging of the East Bay of Canyon Lake. This will include the removal of approximately 170,000 CY of sediment. An issue with this project is its state of readiness, as the project has not initiated efforts to prepare CEQA or permits.

**Lake Elsinore Potential Project**

Ms. Dailey provided a brief description of the proposal by the City of Lake Elsinore for a Pilot Algae Harvesting project. This project would entail the use of a barge or similar technology to physically remove algae mass from the Lake. The project cost is estimated at \$247,000, include significant disadvantaged community benefits and is ready to go. Mr. Norton informed stakeholders that the next step in the grant process is for project rating and ranking to be completed in March and DWR review scheduled for June 2019.

**Task Force Administration (LESJWA Staff)****Draft FY 2019-20 Task Force Budget**

Rick Whetsel /SAWPA brought up on the viewing screen a draft FY 2019-20 LE&CL TMDL Task Force budget and walked the stakeholders through the various budget line items, noting significant modifications to the proposed budget model.

Following a lengthy discussion, stakeholders requested Tim Moore to work with staff to finalize a the assumptions to the budget model and distribute a complete copy of the draft FY 2019-20 LE&CL TMDL Task Force budget to stakeholders for review.

**Amendment No. 1 to Task Force Agreement**

Mr. Whetsel noted the outstanding signature pages are the Cities of Menifee and Murrieta and CA Department of Fish & Wildlife.

**Other Business**

Mr. Norton reminded stakeholders of the upcoming SAWPA OWOW Watershed Conference to be held at Cal State Fullerton scheduled for March 29<sup>th</sup>.

**Schedule Next Meeting**

The next LE&CL TMDL Task Force meeting is scheduled for Tuesday, March 19, 2019 at 1:00 p.m. at SAWPA.

**Adjourn**

The meeting adjourned at 4:30 p.m.

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**LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE  
MEETING NOTES**

**March 19, 2019**

**PARTICIPANTS**

John Cylwik  
Daniel Cortese  
Rita Thompson  
Rae Beimer  
Cynthia Gabaldon  
Maria Arreguin  
Mike Roberts  
Stormy Osifeso  
Lynn Merrill  
Mike Loving  
Jesus Gastelum  
Sudhir Mohleji  
Ankita Vyas  
Greg Kahlen  
Tim Moore  
Dave Woelfel  
Jayne Joy  
Ken Theisen  
Andrea Gonzalez  
Rebekah Guill  
Richard Boon  
Chris Stransky  
John Rudolph  
Rick Whetsel  
Mark Norton

**REPRESENTATIVE**

Charles Abbott  
City of Hemet  
City of Lake Elsinore  
City of Moreno Valley  
City of Perris  
City of Perris  
City of Riverside  
City of Riverside  
City of San Jacinto  
City of Wildomar/Canyon Lake  
Elsinore Valley Municipal Water District  
Elsinore Valley Municipal Water District  
MBI/Caltrans  
The Kahlen Group  
Risk Sciences  
Regional Water Quality Control Board  
Regional Water Quality Control Board  
Regional Water Quality Control Board  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Riverside County Flood Control & WCD  
Wood Environmental  
Wood Environmental  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority

**VIA-CONFERENCE CALL**

Andy Ramirez  
Steven Wolosoff  
Richard Meyerhoff  
Nicole Dailey  
Pat Boldt  
Kasey Castillo  
Loren Sotelo

City of San Jacinto  
CDM Smith  
GEI Consultants  
City of Lake Elsinore  
WRCAC  
City of Canyon Lake  
March JPA

**Call to Order & Introductions**

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 1:00 p.m. by Mark Norton at the Santa Ana Watershed Project Authority, Riverside, California.

**Meeting Notes**

Lynn Merrill representing the City of San Jacinto requested that he be added to the participants list for the February 21, 2019 LE/CL TMDL Task Force, otherwise the meeting notes were deemed acceptable.

**Update: Basin Plan Amendment to Update and Revise TMDLs (Regional Board)**

Ken Theisen /Santa Ana Regional Board announced the May 3<sup>rd</sup> Public Workshop to be held at the City of Loma Linda to discuss the consideration of the Regional Board to accept the revised LE&CL nutrient TMDLs.

If there aren't significant comments to the revised LE&CL TMDLs, the Regional Board may consider going straight to a public hearing possibly in August or September.

Mr. Theisen is currently working on a request for Peer Review. This will include review of the Resolution, Basin Plan Amendment, and draft Technical Report. It is proposed the 2004 TMDL will not be reviewed as part of this process.

Mr. Theisen has also reached out to Diane Fleck / EPA for feedback on the revised LE&CL TMDL draft Technical Report, though no comments have been received at this time.

Tim Moore requested that Mr. Theisen let he and CDM Smith know if they are needed to present at the May Public Workshop.

### **Update: Post Fire Monitoring (Regional Board)**

#### **Cleanup and Abatement Funding**

Ken Theisen /Santa Ana Regional Board informed stakeholders of their effort to assist the City of Lake Elsinore in preparing an application for Cleanup and Abatement funds to address a sediment and debris plume that has formed at the mouth of Leach Canyon Channel in Lake Elsinore. Based upon the request, the State Board has approved \$41,800 to implement a scope of work prepared by Wood Environmental that will include water chemistry, sediment analysis, algae speciation, and toxicity sampling, as well as, 10 sediment cores to determine the extent of the plume.

The next step is for the City of Lake Elsinore's City Council to approve the scope of work, scheduled for the April 9<sup>th</sup> meeting.

Mr. Theisen noted that the City of Lake Elsinore should receive a significant nutrient credit for the removal of dead carp (estimated 150 tons) from the winter (December –January fish kill).

Additionally, it was noted RCFC&WCD should receive a significant nutrient credit from the removal of sediment and debris from their control basins located downstream of the burned areas. RCFC&WCD is currently in the process of determining the amount of sediment stopped from reaching Lake Elsinore.

### **Discussion: Meet with Tess Dunham (Risk Sciences)**

Tim Moore /Risk Sciences discussed his succession plan with stakeholders. His recommendation was to bring Tess Dunham /Somach Simmons & Dunn on as his successor and for she and he to overlap their services to the LE&CL TMDL Task Force for one year.

Following a lengthy discussion of her qualifications and questions by stakeholders, Mark Norton /LESJWA recommended that the Task Force invite her to lunch, prior to our next meeting to interview her.

### **Discussion: TMDL Compliance Accounting (Risk Sciences)**

Tim Moore /Risk Sciences shared a handout with stakeholders summarizing the nutrient offset credits associated with the Canyon Lake Alum Project as part of an effort to initiate standardized nutrient offset credit reporting for TMDL Compliance.

The goal moving forward is to translate this data into tables and charts that would be part of a dashboard to show a continuously rolling graphic of annual nutrient offset credit accounting for each stakeholder.

Mr. Moore informed stakeholders that he plans to get a summary of the nutrient offset credits associated with LEAMS out to stakeholders to review by April 5<sup>th</sup>.

Stakeholders requested a copy of the 2017 LEAMS Accounting Report. Rick Whetsel will email out copies to the Task Force.

### **Discussion: Canyon Lake Alum Project**

#### **Alum Application Scheduled week of March 25<sup>th</sup> (LESJWA Staff)**

Rick Whetsel /SAWPA reported that due to the rains forecasted through the end of March the alum application planned for the week of March 25<sup>th</sup> has been postponed.

We are currently looking at the week of April 15<sup>th</sup> to apply alum to Canyon Lake.

Tim Moore recommended dosage for the East Bay be increased to 40 mg/L.

Permit Requirements for Alum additions to Canyon Lake (Risk Sciences)

Nothing new to report.

**Task Force Administration (LESJWA Staff)**

Draft FY 2019-20 Task Force Budget

Rick Whetsel /SAWPA presented to stakeholders the latest version of the draft FY 2019-20 LE&CL TMDL Task Force budget.

Following discussion stakeholders requested additional time to review the draft FY 2019-20 budget. It will be brought back to the next scheduled meeting for approval.

Amendment No. 1 to Task Force Agreement

Outstanding signature pages include:

- City of Menifee
- CA Dept. of Fish and Wildlife

**Other Business**

No Other Business was discussed.

**Schedule Next Meeting**

The next LE&CL TMDL Task Force meeting is scheduled for Wednesday, April 24, 2019 at 1:00 p.m. at SAWPA.

**Adjourn**

The meeting adjourned at 3:50 p.m.

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## **LESJWA BOARD MEMORANDUM NO. 2019.6**

**DATE:** April 18, 2019  
**SUBJECT:** FY 2019-2020 Budget  
**TO:** LESJWA Board of Directors  
**FROM:** Mark Norton, LESJWA Authority Administrator

### **RECOMMENDATION**

Staff recommends that the Board of Directors approve the FY 2019-2020 LESJWA budget and invoice each LESJWA member agency at the start of the new fiscal year based on contributions levels as reflected in the budget.

### **BACKGROUND**

The attached budget (Attachment 1) covers activities of the Authority from July 1, 2019 to June 30, 2020. It lists the existing projects, studies, and administrative costs associated with operating the agency and implementing TMDL projects. Based on projections of costs for FY 2019-20, funding by member agencies and additional funding provided by the RCFCWCD and the Lake Elsinore/Canyon Lake (LE/CL) TMDL Task Force will be sufficient to cover all projected JPA activities. With increased contributions from the LESJWA member agencies and funding from RCFC&WCD, LESJWA's reserve funding continues to grow slightly and can be used for discretionary items.

The major activities planned for FY 2019-20 include support for the Basin Plan Amendment associated with the new TMDL Revision, the fish survey of Lake Elsinore and continuing the alum application at Canyon Lake. Ongoing activities of watershed and lake monitoring will also continue.

In FY 2019-20, the main source of funding coming into LESJWA will continue to be from the TMDL parties that are supporting the TMDL implementation as well as LESJWA's staff cost for Task Force administration. The source of this funding will be from the TMDL stakeholders; some are the LESJWA member agencies.

As indicated in the 2016 LESJWA Business Plan, one of the primary concerns with the long-term financial outlook for the organization was continued operation funding. Now with the increased funding from the LESJWA member agencies and the additional funding from RCFCWCD for the three-year term between FYE 2018-2021, sufficient funding is available for LESJWA to operate at its current operation level.

Staff continues to monitor outside funding sources for future planning and projects that LESJWA can undertake. In the past, LESJWA was successful in obtaining a funding grant of \$500,000 from SAWPA's One Water One Watershed application for State Proposition 84 Integrated Regional Water Management Implementation Round 2 Funding Program, which supports the TMDL compliance at Canyon Lake through the alum applications. This grant work effort has now been concluded and final grant payment is anticipated by late summer 2018.

Annual costs for operating LESJWA have remained low based on past Board direction to reduce education and outreach consulting support, the elimination of Board compensation (stipends), and cost reductions incurred by SAWPA staff in support of LESJWA.

Attachment 2, shown as additional information, reflects the draft FY 2019-20 LE/CL TMDL Task Force Budget. This budget will be considered for possible approval on April 17<sup>th</sup> subject to LESJWA and task force agencies approval. Their budget revenue is reflected as “TMDL stakeholder contributions” under Revenue, and “TMDL-Administration,” and “TMDL studies and monitoring” under Expenditures.

Staff recommends the member agency funding contribution amounts of \$10,000 for SAWPA, and \$20,000 each from EVMWD, the City of Lake Elsinore, City of Canyon Lake and the County of Riverside. Additional funding of \$20,000/yr for FY 2017-21 from RCFC&WCD also is budgeted as agreed to by the joint funding agreement.

### **RESOURCES IMPACT**

Funding of SAWPA staff time for LESJWA activities will be provided by TMDL stakeholder funding, grant administration funding, and local contributions from LESJWA member agencies.

#### **Attachments:**

1. Draft FY 2019-2020 LESJWA Budget
2. FY 2019-2020 LE/CL TMDL Task Force Approved Budget

**DRAFT FY 19-20 BUDGET  
(4-18-19)**

	FY 18-19 Budget Total	FY 18-19 Actual thru 2/28/19	FY 18-19 Expected Total	FY 19-20 Budget Total
<b>Operating Revenue</b>				
JPA Reserve Transfer				
JPA LAIF Interest	5,000	7,479	7,500	5,500
Member & Other Agency Contributions*	110,000	110,000	110,000	110,000
JPA Adm Subtotal	<b>115,000</b>	<b>117,479</b>	<b>117,500</b>	<b>115,500</b>
Member Agency TMDL contributions	140,528	140,528	140,528	174,615
Other Agency TMDL contributions	521,884	489,499	503,888	489,422
TMDL Contribution Carryover Funding	130,300		130,300	
TMDL Stakeholder Contributions Subtotal	<b>792,712</b>	<b>630,027</b>	<b>774,716</b>	<b>664,037</b>
Canyon Lake TMDL contributions	6,000	6,000	6,000	5,800
Other TMDL Agency TMDL contributions	182,700	152,040	157,980	176,660
LEAMS Excess Offset Credit Subtotal	<b>188,700</b>	<b>158,040</b>	<b>163,980</b>	<b>182,460</b>
Total Revenue	1,096,412	905,546	1,056,196	961,997
<b>Operating Expenditures</b>				
JPA Administration				
Salaries, burden & OH (SAWPA)	76,000	44,010	76,000	76,000
Legal	850	4,200	5,000	2,500
Audit	5,000	5,000	5,000	5,000
Insurance	2,536	2,553	2,553	2,553
Meetings and Conference	100	48	100	100
Office Expense	60		60	60
Shipping Postage	50		50	50
Board Compensation	-	-	0	-
Other Expense	59	59	59	59
Interest Expense	91	154	160	91
Public Relations Program	20,000	13,595	20,000	20,000
JPA Adm Subt	104,746	69,619	108,982	106,413
TMDL Task Force				
TMDL - Administration (SAWPA)	138,600	86,377	138,600	102,000
TMDL studies, monitoring, reg support	451,112	242,317	460,112	483,780
Canyon Lake Lake Treatment	215,000	107,500	215,000	90,257
LEAMS Excess Offset Credit Payment	176,700	122,472	146,040	170,460
Total Expenditures	1,086,158	628,285	1,068,734	952,910
JPA Reserves Remaining	77,939	119,799	71,881	80,968
TMDL Reserves Remaining	255,820	691,065	378,867	378,867
* Member agency allocation - City of LE	\$20,000	\$20,000	\$20,000	\$20,000
* Member agency allocation - EVMWD	\$20,000	\$20,000	\$20,000	\$20,000
* Member agency allocation - Co of Riv	\$20,000	\$20,000	\$20,000	\$20,000
* Member agency allocation - City of CL	\$20,000	\$20,000	\$20,000	\$20,000
* Member agency allocation - SAWPA	\$10,000	\$10,000	\$10,000	\$10,000
* Other agency contribution - RCFCWCD	\$20,000	\$20,000	\$20,000	\$20,000
				\$110,000

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## DRAFT FY 2019-20 Budget: Lake Elsinore &amp; Canyon Lake TMDL Task Force

4/4/2019

## Summary Task Force Expenditures

Draft Budget  
2019-20

## Part A: TMDL Task Force Budget

<b>1. Task Force Administration</b>	<b>\$ 80,000</b>
Task Force Administrator (LESJWA)	\$ 80,000
Grant Preparation/Administration	\$ -
<b>2. TMDL Compliance Expert</b>	<b>\$ 88,000</b>
Risk Sciences	\$ 68,000
Compliance Expert Support	\$ 20,000
<b>3. TMDL Compliance Monitoring</b>	<b>\$ 220,587</b>
Watershed-wide Nutrient Monitoring Program	\$ 73,708
Lake Elsinore Nutrient Monitoring Program	\$ 81,389
Canyon Lake Nutrient Monitoring Program	\$ 65,491
High Resolution Satellite Imagery	\$ -
<b>4. TMDL Update - Adoption and Implementation</b>	<b>\$ 50,000</b>
Support Adoption Process	\$ 50,000
<b>5. Contingency</b>	<b>\$ -</b>
<b>Part A: TMDL Task Force Budget:</b>	<b>\$ 438,587</b>

## Part B: TMDL Project Budget

<b>6. Lake Elsinore Project Alternatives</b>	
<b>Lake Elsinore Aeration and Mixing System (LEAMS) Offset Credit Purchase</b>	<b>\$ 184,800</b>
LEAMS O&M	\$ 184,800
<b>Fishery Management</b>	<b>\$ 130,193</b>
Fishery Survey	\$ 125,193
Carp Removal Program (Fishery Management O&M)	\$ -
Project Administration	\$ 5,000
<b>7. Canyon Lake Project Alternatives</b>	<b>\$ 95,257</b>
Chemical Additions - Alum Dosing (Fall, '19 and Spring, '20)	\$ 90,257
Project Administration	\$ 5,000
<b>TMDL Task Force Part B Implementation Budget</b>	<b>\$ 410,250</b>
<b>LE&amp;CL TMDL Implementation Budget:</b>	<b>\$ 848,837</b>

## Task Force Administration

- Organize and facilitate TMDL TASK FORCE meetings,
- Perform secretarial, clerical and administrative services, including providing meeting summaries to TMDL TASK FORCE members,
- Manage TMDL TASK FORCE funds and prepare annual reports of TMDL TASK FORCE assets and expenditures,
- Act as the contracting party, for the benefit of the TMDL TASK FORCE, for contracts with all consultants, contractors, vendors and other entities,
- Seek funding grants to assist with achieving the work of the TMDL TASK FORCE and other goals and objectives of the TMDL TASK FORCE,
- Coordinate with other agencies and organizations as necessary to facilitate TMDL TASK FORCE work,
- Administer the preparation of quarterly and annual reports, as required by the TMDL Implementation Plan, and submit them as required by the TMDL Implementation Plan on behalf of the TMDL TASK FORCE,
- Coordinate and facilitate the addition of other Monitoring Programs to the Task Force,
- Provide TMDL TASK FORCE members an opportunity to comment and approve any reports or other work product developed.

## TMDL Compliance Expert

- Serve as regulatory strategist and compliance expert for the Task Force

## Task Force Agency Contributions Summary

Draft Budget  
2019-20

### 1. Task Force Agency Allocation

Total

<b>MS4 Co-Permittees (Total)</b>	<b>\$ 626,616</b>
Riverside County	\$ 79,320
City of Beaumont	\$ 28,745
City of Canyon Lake	\$ 35,632
City of Hemet	\$ 46,289
City of Lake Elsinore	\$ 34,580
City of Moreno Valley	\$ 105,066
City of Murrieta	\$ 31,279
City of Perris	\$ 65,553
City of Riverside	\$ 31,383
City of San Jacinto	\$ 26,745
City of Menifee	\$ 106,705
City of Wildomar	\$ 35,318
<b>Elsinore Valley Municipal Water District (EVMWD)</b>	<b>\$ 24,984</b>
<b>San Jacinto Agricultural Operators (WRCAC)</b>	<b>\$ 36,496</b>
<b>San Jacinto Dairy &amp; CAFO Operators *</b>	<b>\$ -</b>
<b>CA Department of Transportation</b>	<b>\$ 36,964</b>
<b>CA DF&amp;W - San Jacinto Wetlands</b>	<b>\$ 26,745</b>
<b>Eastern Municipal Water District</b>	<b>\$ 31,079</b>
<b>March Air Reserve Base Joint Powers Authority</b>	<b>\$ 31,360</b>
<b>US Air Force (March Air Reserve Base)</b>	<b>\$ 34,593</b>
<b>CR&amp;R (Composting Project)</b>	<b>\$ -</b>
<b>Nevada Hydro (LEAPS Project)</b>	<b>\$ -</b>
<b>Total Funding Required</b>	<b>\$ 848,837</b>

Note: \* San Jacinto Dairy & CAFO Operators contributions to the LE&CL TMDL Task Force are made through WRCAC

## **LESJWA BOARD MEMORANDUM NO. 2019.7**

**DATE:** April 18, 2019  
**SUBJECT:** Cost Share Agreements with Outside Parties Policy  
**TO:** LESJWA Board of Directors  
**FROM:** Mark Norton, LESJWA Authority Administrator

### **RECOMMENDATION**

Staff recommends that the Board of Receive approve the policy for cost share agreements with outside parties, a letter agreement with CR&R for funding and issuance of CR&R invoice.

### **BACKGROUND**

Last year, interest was expressed by the LE/CL TMDL Task Force in obtaining guidance and a LESJWA policy for accepting future outside funding to the Task Force or LESJWA. After multiple LESJWA Board meetings where this topic was discussed, a subcommittee of the LESJWA Board was formed among two LESJWA Board members, Brenda Dennstedt and Robert Magee, to explore this policy. Meetings were held with the subcommittee and LESJWA staff on January 17 and with the subcommittee, LESJWA staff and Regional staff on February 11. A draft policy for cost share agreements with outside parties was developed by staff. The draft policy was then distributed to the LESWJA legal counsel, LESJWA member agency staff, the LESJWA subcommittee, Risk Sciences, LE/CL TMDL Task Force's regulatory strategist and the Regional Board staff. After incorporation of comments, a 2<sup>nd</sup> draft was prepared and distributed for further review.

A draft letter agreement with CR&R, one outside party who had previously agreed to fund the task force was also prepared and included along with the draft invoice and previously approved budgets. Drafts of these documents were shared with CR&R and were reflected their suggested changes. Staff recommends approval of these documents at this time.

### **RESOURCES IMPACT**

The invoice amount shown of \$60,050 reflects the amount that was included in the approved FY 18-19 LESJWA Budget. If the policy is accepted, staff will send the invoice to CR&R for payment. Upon payment the funding will help cover costs anticipated for the current fiscal year.

#### **Attachments:**

1. Draft Policy for Cost Share Agreements with Outside Parties
2. Draft Letter Agreement with CR&R
3. LESJWA Invoice to CR&R
4. Approved FY 2018-19 LE/CL TMDL Task Force Budget

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<b>Policy Name</b>	Cost Share Agreements with Outside Parties
<b>Policy Number</b>	xx-xx-xx
<b>Date/Authorized</b>	xx/xx/2019

**Practice Name:** Cost Share Agreements with Outside Parties

**History:** Original Approval April XX, 2019

**Application:** All LESJWA parties

DRAFT

## GENERAL POLICY:

It is the Lake Elsinore and San Jacinto Watersheds Authority's (LESJWA) intention to maximize the effectiveness of the working relationships with outside parties (non-named parties to the LE/CL TMDL Task Force or to the LESJWA Board) who may be seeking to comply with water quality regulations as established by the Santa Ana Regional Water Quality Control Board (Regional Board). From time-to-time, these outside parties will seek water quality discharge permits known as NPDES permits from the Regional Board particularly in compliance with the Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Loads (TMDLs). Since there is an established working group known as the Lake Elsinore and Canyon Lake TMDL Task Force (Task Force) consisting of approximately 20 agencies, non-profits, state and federal agencies who work together under the administration of LESJWA, the Regional Board may suggest that such outside parties work with the Task Force to ensure their compliance efforts are coordinated with the Task Force. Since consideration of projects proposed by outside parties may change or impact the TMDLs, the outside parties will be asked to assist in funding the Task Force for reimbursement of in-kind costs borne by the Task Force in evaluating the outside parties' project.

In order to facilitate such funding by those outside parties, LESJWA wishes to establish funding terms pursuant to cost-share agreements between those outside parties and the Task Force/LESJWA. These cost-sharing agreements will serve to recover anticipated costs borne by the Task Force and LESJWA as well as cost recovery for potential future TMDL compliance activities related to the outside parties' project such as monitoring their discharges and nutrient credits administered through the Task Force.

This policy establishes the requirements for outside party cost-sharing agreements.

## Definitions/Terms:

**Application** – An application by an outside party for a National Pollutant Discharge Elimination System (NPDES) permit, 401 Water Quality Certification, or Waste Discharge Requirements (WDR) that has been completed. Regional Board has deemed the application for one or more of these permits as being complete once filed or submitted. It does not mean that the certifications have been made or that the permit has been issued but rather the project proponent has provided everything needed for the Board (and public) to complete the review process. Cost sharing agreements can also be applied to any discharger already subject to Waste Discharge or other requirements issued by the Regional Board that are currently filed or have been executed by the Regional Board on behalf of an outside party.

**Outside Party** – A third party that is not a voting or non-voting member of the Task Force.

**Deposit** - An amount of cash funding provided by the outside party that has been mutually agreed upon by the outside party, the Task Force and LESJWA. This deposit reflects an estimate of the amount of cash funding to be paid by the outside party to the Task Force for anticipated work borne by the Task Force associated with the outside party's Regional Board permit application and related TMDL impacts. Such a deposit will be used to

<b>Policy Name</b>	Cost Share Agreements with Outside Parties
<b>Policy Number</b>	xx-xx-xx
<b>Date/Authorized</b>	xx/xx/2019



cover the Task Force/LESJWA staff and consultant costs to conduct such work. When the review or evaluation by the Task Force is completed, a final statement will be mailed to the outside party providing an accounting of costs expended along with a final invoice for a final payment or with a refund of any remaining, unearned monies. Additional funding beyond the initial Deposit may be necessary and will be provided by the outside party as needed based on mutual agreement with the outside party, Task Force and LESJWA.

**Consistency with TMDL Update** – Any project proposed to be undertaken by an outside party that is seeking a cost-share agreement with the Task Force and LESJWA must first be evaluated by the Task Force and LESJWA to determine whether the project is consistent or inconsistent with the LE/CL Nutrient TMDL Update submitted to the Regional Board on Dec. 1, 2018. The outside party has the option to perform all necessary work to comply with the updated TMDL on their own, using their own consultants and working directly with the Regional Board. Notwithstanding the foregoing, the Task Force and LESJWA will be under no obligation to incur time or costs to evaluate any outside party's project TMDL impacts.

**Cost to Perform Additional TMDL Updates** – As mutually agreed upon by the Task Force, LESJWA and the outside party, staff can determine the costs to perform any updates to the TMDL if such compliance work is requested to be performed through the Task Force.

**TMDL Credits** – If excess TMDL compliance credits are available, the outside party may also request to purchase such TMDL credits to support TMDL compliance in accordance with the Task Force terms for which TMDL credits are offered to other TMDL parties. Such credit amounts and costs will vary annually and will be defined as part of the Task Force budget process. Notwithstanding the foregoing, the Task Force and LESJWA will be under no obligation to sell such TMDL credits to an outside party.

**Cost Sharing Agreements** – A cost-sharing agreement with the Task Force will typically be prompted by written correspondence to the outside party from the Regional Board encouraging the outside party's participation with the Task Force to address the TMDL impacts of an outside party's project. The cost-sharing agreement will establish the initial Deposit and possibly additional Deposits for anticipated actual services or compliance credits provided by the Task Force/LESJWA.

**No "Pay-to-Play" Requirement** – Cost-sharing agreements among outside parties and the Task Force/LESJWA are not mandated and are voluntary in nature. As such, any funding provided by the outside party will be used solely to reimburse the Task Force for actual or anticipated costs associated with consideration of outside parties' projects impact on the TMDL and shall not be considered as a "pay-to-play" transaction. The acceptance of outside funds, for the sole purpose of reimbursing the Task Force for costs associated with evaluating the potential project impacts, does NOT constitute any endorsement of the project nor does it impose any restriction on the ability of any member of LESJWA or the Task Force to support or oppose the project in the future.

# 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

April 18, 2019

Mr. John McNamara, PG/CEG | Vice President  
CR&R Environmental Services  
11292 Western Avenue  
Stanton, CA 90680

Dear Mr. McNamara:

On March 13, 2018, the Lake Elsinore and Canyon Lake TMDL Task Force approved the budget for FY 2018-19. The budget showed the projected costs for the implementation tasks required by the Santa Ana Regional Water Quality Control Board (Regional Board) Basin Plan Amendment for Nutrient TMDL for Lake Elsinore and Canyon Lake. Included in the budget was funding support from CR&R Environmental Services for the costs to review, evaluate and incorporate the TMDL impacts of the CR&R Environmental Lakeview facility. As reflected in the Santa Ana Regional Water Quality Control Board (Regional Board) correspondence to your firm in Oct. 2017, CR&R was encouraged to participate in the TMDL Task Force as a condition for compliance, as stated below from the Regional Board's letter to you.

The LE/CL TMDL Task Force, administered by the Santa Ana Watershed Project Authority (SAWPA), consists of responsible agencies and dischargers in the LE/CL watershed who work jointly to meet the LE/CL TMDL requirements. CR&R is encouraged to join the LE/CL TMDL Task Force to participate in collective surface water monitoring and NMP implementation to fulfil compliance with the LE/CL TMDL requirements.

In accordance with the LESJWA Cost Sharing Agreement Policy scheduled to be approved on April 18, 2019, an invoice is attached for work conducted in FY 18-19 to support the Task Force's efforts to evaluate and address the Lakeview facility as part of the TMDL Revision and Update. The draft TMDL Revision and Update report is now completed and has been submitted to the Regional Board.

On behalf of the LE/CL TMDL Task Force, we appreciate the opportunity to review and evaluate the CR&R Lakeview facility with the understanding that Regional Board permit review is continuing with CR&R. Please note that acceptance of your payment does not constitute an implied approval of the facility by the TMDL Task Force or LESJWA, especially since this approval would need to come from the Regional Board. Neither the Task Force or LESJWA can represent that they will support your project or facility until such time as a determination has been made on your project's and facility's impact on Lake Elsinore or Canyon Lake.

The invoice for your agency's contribution for FY 2018-19 is enclosed along with the approved budget. We appreciate your payment for this invoice. Please indicate your agreement with the content and substance of this letter by counter-signing below.

Sincerely,

Mark R. Norton, P.E. LEED AP  
LESJWA Administrator

Enc:     FY 2018-19 Invoice  
          FY 2018-19 Budget

CR&R Environmental Services

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John McNamara, PG/CEG | Vice President

# 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

## INVOICE

**Invoice Date:** April 18, 2019

**Invoice Number:** XXXX

Mr. John McNamara, PG/CEG | Vice President  
CR&R Environmental Services  
11292 Western Avenue  
Stanton, CA 90680

FY 2018-2019 Lake Elsinore and Canyon Lake TMDL Task Force Stakeholder Contributions

TMDL Revision Catch-Up Contribution	\$36,868
Annual Task Force Contributions	<u>\$23,182</u>
<b>TOTAL DUE:</b>	<b>\$60,050</b>

Please make check payable to the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA)  
Attn: Accounts Receivable, 11615 Sterling Ave. Riverside, CA 92503

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# **Approved FY 2018-19 Budget: Lake Elsinore & Canyon Lake TMDL Task Force**

3/13/2018

## **Summary Task Force Expenditures**

**Approved  
Budget  
2018-19**

### **Part A: Task Force Regulatory/Administrative Budget**

<b>Task Force Administration</b>	<b>\$ 88,200</b>
Task Force Administrator (LESJWA)	
<b>TMDL Compliance Expert</b>	<b>\$ 75,000</b>
Risk Sciences	
<b>Contingency</b>	<b>\$ -</b>
<b>TMDL Task Force Part A Regulatory/Administrative Budget</b>	<b>\$ 163,200</b>

### **Part B: TMDL Implementation Project Budget**

<b>TMDL Compliance Monitoring</b>	<b>\$ 176,112</b>
Watershed-wide Nutrient Monitoring Program	\$ 63,567
Lake Elsinore Nutrient Monitoring Program	\$ 49,410
Canyon Lake Nutrient Monitoring Program	\$ 59,134
High Resolution Satellite Imagery	\$ 4,000
<b>Lake Elsinore Project Alternatives</b>	<b>\$ 110,500</b>
Fishery Management O&M	\$ 100,000
Project Administration	\$ 10,500
<b>Canyon Lake Project Alternatives</b>	<b>\$ 237,600</b>
Chemical Additions - Alum Dosing (2 applications annually)	\$ 215,000
Project Administration	\$ 22,600
<b>TMDL Update</b>	<b>\$ 105,300</b>
Revise and Update TMDL	\$ 100,000
Project Administration	\$ 5,300
<b>TMDL Task Force Part B Implementation Budget</b>	<b>\$ 629,512</b>

**Cash Reserve Reimbursement: \$ 130,300**

**TMDL Task Force Budget Total: \$ 662,412**

### **Task Force Administration**

- Organize and facilitate TMDL TASK FORCE meetings,
- Perform secretarial, clerical and administrative services, including providing meeting summaries to TMDL TASK FORCE members,
- Manage TMDL TASK FORCE funds and prepare annual reports of TMDL TASK FORCE assets and expenditures,
- Act as the contracting party, for the benefit of the TMDL TASK FORCE, for contracts with all consultants, contractors, vendors and other entities,
- Seek funding grants to assist with achieving the work of the TMDL TASK FORCE and other goals and objectives of the TMDL TASK FORCE,
- Coordinate with other agencies and organizations as necessary to facilitate TMDL TASK FORCE work
- Administer the preparation of quarterly and annual reports, as required by the TMDL Implementation Plan, and submit them as required by the TMDL Implementation Plan on behalf of the TMDL TASK FORCE,
- Coordinate and facilitate the addition of other Monitoring Programs to the Task Force,
- Provide TMDL TASK FORCE members an opportunity to comment and approve any reports or other work product developed.
- LESJWA Administration fees include a 5% escalator annually

### **TMDL Compliance Expert**

- Serve as regulatory strategist and compliance expert for the Task Force,
- Revise and update the TMDL as part of the Triennial Review process

## Task Force Agency Contributions Summary

Approved  
Budget  
2018-19

### Task Force Agency Allocation

Total

<b>MS4 Co-Permittees (Total)</b>	<b>\$ 470,626</b>
Riverside County	\$ 76,601
City of Beaumont	\$ 13,260
City of Canyon Lake	\$ 22,780
City of Hemet	\$ 22,184
City of Lake Elsinore	\$ 28,521
City of Moreno Valley	\$ 94,995
City of Murrieta	\$ 22,796
City of Perris	\$ 50,275
City of Riverside	\$ 22,796
City of San Jacinto	\$ 22,796
City of Menifee	\$ 81,052
City of Wildomar	\$ 12,572
<b>Elsinore Valley Municipal Water District (EVMWD)</b>	<b>\$ 12,626</b>
<b>San Jacinto Agricultural Operators (WRCAC)</b>	<b>\$ 36,861</b>
<b>San Jacinto Dairy &amp; CAFO Operators *</b>	<b>\$ -</b>
<b>CA Department of Transportation</b>	<b>\$ 22,796</b>
<b>CA DF&amp;W - San Jacinto Wetlands</b>	<b>\$ 16,818</b>
<b>Eastern Municipal Water District</b>	<b>\$ 16,222</b>
<b>March Air Reserve Base Joint Powers Authority</b>	<b>\$ 22,796</b>
<b>US Air Force (March Air Reserve Base)</b>	<b>\$ 22,490</b>
<b>CR&amp;R (Composting Project)</b>	<b>\$ 23,182</b>
<b>Nevada Hydro (LEAPS Project)</b>	<b>\$ 17,996</b>

**Total Funding Required \$ 662,412**

Note: \* San Jacinto Dairy & CAFO Operators contributions to the LE&CL TMDL Task Force are made through WRCAC

## TMDL Contingency Fund Contributions Summary

Approved  
Budget  
2018-19

<b>CR&amp;R (Composting Project)</b>	<b>\$ 36,868</b>
<b>Nevada Hydro (LEAPS Project)</b>	<b>\$ 36,868</b>

**TMDL Contingency Fund \$ 73,736**



**Lake Elsinore Aeration and Mixing System (LEAMS) Offset Credit Allocation (to be handled by separate agreement)**

**Approved  
Budget  
2018-19**

<b>MS4 Co-Permittees</b>	<b>\$ 150,000</b>
Riverside County	partner
City of Beaumont	\$ 900
City of Canyon Lake	\$ 6,000
City of Hemet	\$ 6,900
City of Lake Elsinore	partner
City of Moreno Valley	\$ 49,500
City of Murrieta	\$ 1,200
City of Perris	\$ 23,100
City of Riverside	\$ 2,100
City of San Jacinto	\$ 4,500
City of Menifee	\$ 46,500
City of Wildomar	\$ 9,300
<b>Elsinore Valley Municipal Water District (EVMWD)</b>	partner
<b>San Jacinto Agricultural Operators (WRCAC)</b>	<b>\$ 21,600</b>
<b>San Jacinto Dairy &amp; CAFO Operators</b>	<b>\$ 2,700</b>
<b>CALTRANS - freeway</b>	<b>\$ 7,200</b>
<b>CA DF&amp;W - San Jacinto Wetlands</b>	<b>\$ -</b>
<b>Eastern Municipal Water District</b>	<b>\$ -</b>
<b>March Air Reserve Base Joint Powers Authority</b>	<b>\$ 1,800</b>
<b>US Air Force (March Air Reserve Base)</b>	<b>\$ 5,400</b>
<b>CR&amp;R (Composting Project)</b>	<b>\$ -</b>
<b>Nevada Hydro (LEAPS Project)</b>	<b>\$ -</b>

**Funding Required \$ 188,700**

Note: LEAMS Excess Offset Credits are based upon modeling conducted by Dr. Alex Horne (Horne Dec. 2012 and Horne Mar. 2015). Credit Allocations are estimated as the number of credits to bring stakeholder into compliance (CDM Smith 2018).

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## **LESJWA BOARD MEMORANDUM NO. 2019.8**

**DATE:** April 18, 2019

**SUBJECT:** Phase 2 TMDL Compliance Monitoring Program – Wood Environment & Infrastructure Solutions, Inc. Task Order

**TO:** LESJWA Board of Directors

**FROM:** Mark Norton, LESJWA Authority Administrator

### **RECOMMENDATION**

Staff and the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Technical Advisory Committee recommend that the Board of Directors authorize Task Order No. WOOD160-02 with Wood Environment & Infrastructure Solutions, Inc. (formerly AMEC Foster Wheeler Environment & Infrastructure, Inc.) for an amount not-to-exceed \$220,585 to oversee and implement the FY 2019-20 Phase 2 TMDL Compliance Monitoring Program for the Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Load (TMDL) Task Force.

### **DISCUSSION**

The members of the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Technical Advisory Committee recommend the approval of a Task Order with Wood Environment for an expanded Phase 2 nutrient TMDL Compliance monitoring program with a budget of \$220,585.

This expanded TMDL Compliance monitoring program includes all of the components of the monitoring program and budget as approved by the LESJWA Board on April 19, 2018. In addition, it also includes the additional monthly Lake Elsinore monitoring required to validate the Total Nitrogen/Total Phosphorus (TN/TP) Offset Program, as described in Change Orders approved in December 2018 and January 2019, as well as, a contingency of \$10,000 to address minor changes to the monitoring program due to extreme wet weather or other recommendations of the LE&CL TMDL Task Force.

The attached Task Order and program budget details the line item costs to implement the FY 2019-20. Phase 2 nutrient TMDL compliance monitoring program.

### **BACKGROUND**

In April 2018, the LESJWA Board approved a two-year agreement with Wood Environmental to extend their contract to oversee and implement the Phase 2 LE&CL nutrient TMDL Compliance monitoring program for Lake Elsinore, Canyon Lake and the upstream San Jacinto Watershed with a not to exceed budget of \$176,110/yr.

Through this agreement, AMEC Foster Wheeler Environment & Infrastructure, Inc. was tasked to provide the following services to the LE&CL TMDL Task Force, as described in the attached program Work Plan:

- Watershed-wide storm monitoring
- Coordinate with RCFC&WCD staff on tracking weather for wet season storm events
- In-lake monitoring for Lake Elsinore
- Coordinate with EVMWD on data sondes operating in Lake Elsinore
- In-lake monitoring for Canyon Lake
- Pre alum application effectiveness monitoring

- Contract and coordinate bi-monthly analyses of in-lake chlorophyll-a using high resolution satellite imagery
- Prepare quarterly and annual TMDL Water Quality Compliance Monitoring Reports for Regional Board submittal
- Project management and contract management of sub-consultants
- Contract and coordinate with Babcock laboratories for analytical laboratory services
- Management of water quality monitoring data and data QA/QC & CEDEN formatting/ upload
- Attend meetings to provide status updates to the TMDL Task Force

In December 2018, the LESJWA Board approved a change order for \$13,038, to conduct additional Lake Elsinore monitoring required to validate the Total Nitrogen/Total Phosphorus (TN/TP) Offset Program. This data serves the dual purposes of 1) supporting Elsinore Valley Municipal Water District (EVMWD) in the effort to validate the Total Nitrogen/Total Phosphorus (TN/TP) Offset Program by Dr. Alex Horne as required under Permit R8-2013-0017 and 2) reduces the program costs by EVMWD passed on to LE&CL TMDL Task Force stakeholders participating in the Excess Nutrient Offset program.

In January 2019, an additional change order to Wood Environmental for \$3,480 was processed. This added phytoplankton speciation as part of the Lake Elsinore monitoring required to validate the Total Nitrogen/Total Phosphorus (TN/TP) Offset Program.

#### **RESOURCES IMPACT**

The TMDL Task Force FY 2019-20 Budget provides a budget of \$220,585 to conduct watershed-wide nutrient monitoring. All staff contract administration time for this contract will be taken from the TMDL budget and funded by the TMDL Stakeholders.

#### **Attachments:**

1. Task Order WOOD160-02
2. Exhibit A – Wood Environment, Lake Elsinore, and Canyon Lake Nutrient Compliance Monitoring Implementation 2019-2020 Fiscal Year Scope of Work Cost Summary.

**LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY**  
**TASK ORDER NO. WOOD160-02**

**CONSULTANT:** Wood Environment & Infrastructure Solutions, Inc. **VENDOR 1734**  
9210 Sky Park Court, Suite 200  
San Diego, CA 92123

**COST:** \$220,585.00

**PAYMENT:** Upon Receipt of Invoice

**REQUESTED BY:** Mark Norton, Authority Administrator April 18, 2019

**FINANCE:** \_\_\_\_\_  
Karen Williams, CFO Date

**FINANCING SOURCE:** Acct. Coding 160-TMDL-6113-01  
Acct. Description General Consulting

**BOARD AUTHORIZATION REQUIRED:** YES (X) NO ( )  
Authorization: April 18, 2019; LES#2019.8

This Task Order is issued upon approval and acceptance by the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) and Wood Environment & Infrastructure Solutions, Inc. (Consultant) pursuant to the Agreement for Services between LESJWA and Consultant entered into on February 21, 2019; expiring December 31, 2020.

**I. PROJECT NAME OR DESCRIPTION**

Lake Elsinore & Canyon Lake Nutrient TMDL Phase 2 Compliance Monitoring Program

**II. SCOPE OF WORK / TASKS TO BE PERFORMED**

Consultant shall provide all labor, materials, and equipment for the implementation of the FY2019-20 Lake Elsinore and Canyon Lake Nutrient TMDL Phase 2 Compliance Monitoring program. This includes the following:

- Watershed Monitoring
- In-lake Monitoring
- Data Analysis and Reporting
- Project Management
- Coordination of Activities
- Meeting Attendance
- Laboratory Contracting

In addition, this task order also includes the additional monthly Lake Elsinore monitoring required to validate the TN/TP Offset Program, as well as a contingency of \$10,000 to address minor changes to the monitoring program as described in Attachment A.

**III. PERFORMANCE TIME FRAME**

Consultant shall begin work on July 1, 2019 and shall complete performance of such services by or before **September 30, 2020**.

**IV. LESJWA LIAISON**

Rick Whetsel and/or Mark Norton shall serve as liaison between LESJWA and Consultant.

**V. COMPENSATION**

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed sum of **\$220,585.00** in accordance with the Scope of Work Summary as described in Attachment A. Payment for such services shall be made within 30 days upon receipt of proper invoices from Consultant, as required by the above-mentioned Agreement for Services.

**VI. CONTRACT DOCUMENTS PRECEDENCE**

In the event of a conflict in terms between and among the contract documents herein, the document item highest in precedence shall control. The precedence shall be:

- a. The Agreement for Services by Independent Consultant/Contractor.
- b. The Task Order or Orders issued pursuant to the Agreement, in numerical order.
- c. Exhibits attached to each Task Order, which may describe, among other things, the Proposal, scope of work, and compensation therefore.
- d. Specifications incorporated by reference.
- e. Drawings incorporated by reference.

**In witness whereof**, the parties have executed this Task Order on the date indicated below.

**LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY**

\_\_\_\_\_  
Brenda Dennstedt, LESJWA Chair

\_\_\_\_\_  
Date

**WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC.**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print/Type Name and Title



**Lake Elsinore & Canyon Lake Nutrient Compliance Monitoring Implementation  
2019-2020 Fiscal Year Scope of Work Cost Summary  
Nutrient TMDL and TN/TP Offset Monitoring**

Provided by John Rudolph, Wood, San Diego CA  
Provided to Mr. Rick Whetsel (SAWPA) - March 4, 2019

TASK	DESCRIPTION	LABOR COSTS	PROJECT SUPPLIES	SUBCONTRACTOR COSTS	COMBINED TOTAL (\$)
<b>TASK 1</b>	<b>Project Management and Meetings</b>	<b>\$29,730</b>	<b>\$399</b>	<b>\$0</b>	<b>\$30,129</b>
SubTask 1.1	Project Management/ Watershed Coordination Activities/ Laboratory Contracting	\$12,210	\$143	\$0	\$12,353
SubTask 1.2	TMDL Technical Advisory Committee Meeting Attendance/ Support (up to 6 meetings)	\$17,520	\$257	\$0	\$17,777
<b>TASK 2</b>	<b>Watershed TMDL Monitoring (incl. Pre-monitoring planning &amp; field supplies)</b>	<b>\$34,000</b>	<b>\$5,753</b>	<b>\$6,030</b>	<b>\$45,783</b>
<b>TASK 3</b>	<b>In-Lake TMDL Monitoring</b>	<b>\$36,910</b>	<b>\$6,426</b>	<b>\$32,967</b>	<b>\$76,303</b>
SubTask 3.1	Lake Elsinore	\$18,925	\$3,284	\$12,529	\$34,738
SubTask 3.2	Canyon Lake	\$14,925	\$2,463	\$20,439	\$37,827
SubTask 3.3	Canyon Lake Contingency Pre-Alum Effectiveness Monitoring <sup>1</sup>	\$3,060	\$679	\$0	\$3,739
<b>TASK 4</b>	<b>TN/TP Offset Program Monitoring <sup>2</sup></b>	<b>\$8,550</b>	<b>\$1,300</b>	<b>\$12,876</b>	<b>\$22,726</b>
<b>TASK 5</b>	<b>Data Analysis and Reporting</b>	<b>\$35,645</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,645</b>
SubTask 5.1	Quarterly Reports	\$13,160	\$0	\$0	\$13,160
SubTask 5.2	Data QA/QC, CEDEN Formatting and Uploads	\$6,180	\$0	\$0	\$6,180
SubTask 5.3	Draft and Final Annual Water Quality Monitoring Report	\$16,305	\$0	\$0	\$16,305
<b>TASK 6</b>	<b>Project Contingency Budget</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,000</b>
<b>2019-2020 ANNUAL PROGRAM GRAND TOTAL</b>					<b>\$220,585</b>
<b>2019-2020 ANNUAL PROGRAM GRAND TOTAL (minus Pre-Alum &amp; Project Contingency)</b>					<b>\$206,847</b>

<sup>1</sup> Extra field events outside of routine TMDL monitoring dates if needed. Assumes two events for two staff, water quality profiles only (i.e. pH, dissolved oxygen, temperature, conductivity, secchi disk)

<sup>2</sup> Labor includes four stand-alone events; subcontractor costs include analytical for all 12 events

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## **LESJWA BOARD MEMORANDUM NO. 2019.9**

**DATE:** April 18, 2019

**SUBJECT:** SAWPA OWOW Proposition 1 IRWM Round 1 Grant Applications

**TO:** LESJWA Board of Directors

**FROM:** Mark Norton, LESJWA Authority Administrator

### **RECOMMENDATION**

Staff recommends that the Board of Directors receive and file this status report regarding the Canyon Lake Dredging Project and the Physical Harvesting of Algal Biomass in Lake Elsinore, a pilot project which submitted grant requests to SAWPA's One Water One Watershed Proposition 1 IRWM Round 1 Grant program.

### **BACKGROUND**

As part of the Santa Ana Watershed Project Authority's (SAWPA) One Water One Watershed (OWOW) "Call for Projects" for Proposition 1 Integrated Regional Water Management Round 1 Grant program, two projects related to lake improvements were submitted. One project submitted by the City of Lake Elsinore with the assistance of LESJWA staff was the Physical Harvesting of Algal Biomass in Lake Elsinore – Pilot Project. This project proposes the removal of lake algae through the use of floating barge system that will remove algae from the lake and then be harvested for biofuels, soil amendments or disposal for composting. The project was discussed in the recent TMDL Update Technical Report as a cost-effective means to remove nutrients contained within the algae that often die off sink to the lake bottom and then resuspend nutrients back into the water column further exacerbating the algae growth. The project is estimated to cost \$297,000 and no local funding match is proposed or required since it supports disadvantaged communities that predominantly surround the lake.

Another project submitted at the request of a dredging committee composed of representatives from the Canyon Lake POA, City of Canyon Lake and EVMWD was the Canyon Lake Dredging Project. LESJWA staff was asked to prepare this grant application and submittal even though the project is at a very conceptual stage. A request of \$3 million was made for a total project cost of \$6 million. The project description was prepared largely based on the past Canyon Lake dredging project recognizing more project development details are needed. Since DWR requires as funding match of 50% local share and all CEQA and permits to be completed within six months of a grant award, it appears unlikely that this proposal will be supported. However, in the spirit of cooperation, LESJWA staff agreed to submit the proposal. Further, dredging of Canyon Lake was recommended as a possible supplemental project in the TMDL Update report to help remove nutrient laden sediment in the Canyon Lake East Bay.

Based on the preliminary rating and ranking, it appears likely that the City of Lake Elsinore project, Physical Harvesting of Algal Biomass in Lake Elsinore – Pilot Project will be recommended for funding. The Canyon Lake Dredging Project unfortunately ranked low and is not likely to be recommended for funding by the watershed stakeholders, OWOW Steering Committee and the SAWPA Commission. The primary reason that the Canyon Lake Dredging Project was ranked low was due to significant work that still needs to be done to ensure that feasibility studies, CEQA and permits are completed for the project. Further, the project benefits are primarily for the East Bay of Canyon Lake for lake recreation access and not as significant for water quality benefit due to the

ongoing Canyon Lake Alum Applications which have been effective in reducing the nutrients in Canyon Lake leading to TMDL compliance.

Since there is another round of funding anticipated from Prop 1 IRWM program administered through SAWPA expected in FY 2021/2022, the project's ranking may improve at that time. Further more work is needed to show to the LE/CL TMDL Task Force that this project may reduce costs of compliance for the Task Force parties for several years by reducing or eliminating the need for alum application in the East Bay.

#### **RESOURCES IMPACT**

Since the Lake Elsinore project is fully surrounded by disadvantaged communities, it is eligible for funding under the Prop 1 IRWM program specifically set aside to assist disadvantaged communities and will not require a local matching share.

## **LESJWA BOARD MEMORANDUM NO. 2019.10**

**DATE:** April 18, 2019

**SUBJECT:** Lake Elsinore & Canyon Lake Nutrient TMDL Task Force Update

**TO:** LESJWA Board of Directors

**FROM:** Mark Norton, LESJWA Authority Administrator

### **RECOMMENDATION**

Staff recommends that the LESJWA Board receive and file status report regarding the Lake Elsinore and Canyon Lake Nutrient TMDL Revision Report and the LE/CL TMDL Task Force activities.

### **DISCUSSION**

On May 3, 2019, the Santa Ana Regional Water Quality Control Board will be holding its first public workshop regarding the potential amendments to the Water Quality Control Plan for the Santa Ana River Basin to revise the Total Maximum Daily Loads (TMDL) for nutrients in Lake Elsinore, Canyon Lake, and the San Jacinto Watershed. The Regional Board has stated that pursuant to Clean Water Act Section 303(d), Lake Elsinore and Canyon Lake were identified as water quality limited segments, that is, applicable water quality standards (beneficial uses and water quality objectives) are not being attained or are not expected to be attained with the implementation of technology-based controls. The impairment of Lake Elsinore and Canyon Lake is due, in part, to excessive algae growth caused by excessive concentrations of nutrients. To correct the ongoing impairment of the lakes due to excessive nutrients the Regional Board, in 2004, adopted TMDLs (2004 TMDLs) for nutrients in the Lakes that established Numeric Targets for nutrients and algae in the Lakes, Load Allocations for sources of nutrients discharged to the Lakes and an Implementation Plan.

The Regional Board has also stated there have been significant improvements in the water quality in both lakes due to the implementation of nutrient load reduction and sediment nutrient flux reduction projects, by watershed stakeholders, since the adoption of the 2004 TMDLs. However, additional nutrient load reductions are needed to ensure the beneficial uses of the Lakes are protected and excessive nutrient and algae concentrations are further reduced.

A Draft Staff Report/TMDL Revision Technical Report (TMDL Revision Technical Report) has been prepared by the watershed stakeholders and Regional Board staff. This report contains all the required elements for revision of the 2004 TMDLs, including revised Numeric Targets for both Lakes to require further reductions of nutrients discharged to the Lakes and an updated Implementation Plan. Regional Board staff has posted revised versions of Tentative Resolution No. R8-2019-0041 and Attachment A, Basin Plan Amendment to Establish Revised TMDLs for Nutrients in Lake Elsinore and Canyon Lake

At the May 3<sup>rd</sup> workshop, the results of the Draft TMDL Revision Technical Report will be discussed with presentations by Regional Board staff, Tim Moore of Risk Sciences who supported the Task Force for the revision, Steve Wolosoff of CDM Smith who wrote much of the report and LESWJA staff. After the May 3<sup>rd</sup> Public Workshop, another workshop may be planned to depend on Peer Review and Public Comments, and then a Public Hearing for the Board to consider adoption in early fall 2019.

The LE/CL TMDL Task Force activities continue to support the TMDL update, monitoring activities and finalization of the FY 19-20 Budget

### **RESOURCE IMPACTS**

None.

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## **LESJWA BOARD MEMORANDUM NO. 2019.11**

**DATE:** April 18, 2019

**SUBJECT:** ACOE'S Lake Elsinore Aquatic Ecosystem Restoration Interest Determination

**TO:** LESJWA Board Of Directors

**FROM:** Mark Norton, LESJWA Authority Administrator

### **RECOMMENDATION**

Staff recommends that the LESJWA Board receive and file status report of an EVMWD meeting held with ACOE staff to discuss ACOE Continuing Authorities Program Section 206 Federal Interest Determination for Lake Elsinore Aquatic Ecosystem Restoration.

### **DISCUSSION**

On May 21, 2019, LESJWA staff was invited by Elsinore Valley Municipal Water District staff to participate in a kickoff meeting with ACOE staff to start the process to prepare a Federal Interest Determination for Lake Elsinore Aquatic Ecosystem Restoration under the ACOE's Continuing Authorities Program (CAP) Section 206. Under the CAP, the ACOE can plan, design and construct water resource projects of limited scope and complexity. This work includes feasibility study, environmental assessment, engineering design and construction. Funding from this federal program could provide funding for a project with a maximum budget of \$10 million under a 65% Federal/35% local cost share formula. For FY19, the ACOE has \$66 million available under the National CAP program as a budget.

The process to investigate edibility for ACOE grant funding would start with ACOE staff preparing the Federal Interest Determination which would be completed within three months. This document will reflect a problem statement and a description how a solution relates to the ACOE objectives. This determination would cost about \$50K but will entirely be borne by ACOE. be described in two phases.

Phase 1 involves feasibility with the first \$100K being all federal expenses. If the feasibility study is scoped to be over \$100K, then a 50/50 cost share would be anticipated with sponsor cost share being met by in-kind technical services/products or a combination of cash and in-kind work.

Phase 2 would be for design and implementation. A Project Partnership Agreement would need to be executed and costs would be shared 65/35 (fed/non-fed). The sponsor is responsible for obtaining necessary lands, easements, rights of way, etc. Once complete, the project would be turned over to the non-federal sponsor who would be responsible for operation and maintenance.

The kickoff meeting included staff from ACOE, EVMWD, City of Lake Elsinore and the LESWJA Authority Administrator. The meeting included an overview about all the work done at Lake Elsinore, the challenges, the TMDL and other related matters. LESJWA provided several past studies to the ACOE staff undertaken by LESJWA's consultants to investigate ecosystem improvements that could be made at the lake. Depending on the ACOE recommendations, potential improvements may become available for Lake Elsinore. Since EVMWD is the lead sponsor in this ACOE investigation, LESJWA will continue to coordinate with them on potential future work.

### **RESOURCE IMPACTS**

Funding for any local cost share work to the ACOE grant funding has not been budgeted at this time and will await further information.