

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 Board Room, 31315 Chaney Street, Lake Elsinore, CA 92530

THURSDAY, DECEMBER 15, 2022 – 4:00 P.M.

AGENDA

1. CALL TO ORDER (Dale Welty, 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).

Members of the public may make comments in-person or in writing for the Board’s consideration by sending them to publiccomment@sawpa.org with the subject line “LESJWA Public Comment”. Submit your written comments by 5:00 p.m. on Wednesday, December 14, 2022. All public comments will be provided to the Chair and may be read into the record or compiled as part of the record. Please note, individuals have a limit of three (3) minutes to make comments and will have the opportunity when called upon by the Board.

4. ITEMS TO BE ADDED OR DELETED

Pursuant to Government Code §54954.2(b), items may be added on which there is a need to take immediate action and the need for action came to the attention of Lake Elsinore & San Jacinto Watersheds Authority subsequent to the posting of the agenda.

5. 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: AUGUST 18, 2022.....5
Recommendation: Approve as posted.

B. TREASURER’S REPORT: MAY 2022 – SEPTEMBER 2022 11
Recommendation: Approve as posted.

C. TMDL TASK FORCE MEETING MINUTES: AUGUST 2022 – NOVEMBER 2022 51
Recommendation: Approve as posted.

6. NEW BUSINESS

A. WELCOME RACHEL GRAY, NEW SAWPA WATER RESOURCES & PLANNING MANAGER

B. RESOLUTION IN MEMORIAM OF DIRECTOR PHIL WILLIAMS (LES#2022.23)..... 65

Presenter: Mark Norton, LESJWA Authority Administrator

Recommendation: Adopt Resolution No. LES2022-04 in memoriam of Director Phil Williams for his many contributions and years of public service.

- C. [GRANT APPLICATION FOR LAKE ELSINORE PILOT PROJECT \(LES#2022.24\)](#) 69
Presenter: Mark Norton, LESJWA Authority Administrator
Recommendation: Authorize the following:
1) Adopt Resolution No. LES2022-05 to adopt the SAWPA OWOW Plan required for the grant application.
2) Submittal of the LESJWA grant application for \$1.5 Million in grant funding for the Lake Elsinore Algae Harvesting and Nutrient Removal Pilot Project from the OWOW DWR Proposition 1 Round 2 IRWM Implementation grant, subject to local cost share funding and project approval by the City of Lake Elsinore at the December 13th City Council meeting.
3) Provide in-kind LESJWA staff support, approximate \$50,000 value, for assistance in application and administration of the project.
- D. [LAKE ELSINORE AND CANYON LAKE TMDL TASK FORCE TMDL COMPLIANCE MONITORING PROGRAM \(LES#2022.25\)](#)..... 89
Presenter: Rick Whetsel, Senior Watershed Manager
Recommendation: Approve the General Services Agreement and Task Order No. WSP160-01 with WSP USA Environment & Infrastructure, Inc. for an amount not-to-exceed \$514,663.00, for a two-year task order to oversee and implement the TMDL compliance monitoring program for the Lake Elsinore and Canyon Lake TMDL Task Force for Fiscal Years 2023-2025.
- E. [TECHNICAL SUPPORT TO LAKE ELSINORE AND CANYON LAKE TMDL TASK FORCE TO UPDATE THE 2018 TMDL TECHNICAL REPORT \(LES#2022.26\)](#)..... 109
Presenter: Rick Whetsel, Senior Watershed Manager
Recommendation: Approve the General Services Agreement and Task Order No. GEI160-01 with GEI Consultants for an amount not-to-exceed \$138,320.00 to update the draft 2018 TMDL Technical Document and provide technical support services to the Lake Elsinore and Canyon Lake TMDL Task Force.
- F. [LESJWA BOARD WORKSHOP \(LES#2022.27\)](#) 129
Presenter: Mark Norton, LESJWA Authority Administrator
Recommendation: Authorize the inclusion of a workshop at the February 16, 2023 LESJWA Board of Directors Regular Meeting to discuss LESJWA governance and background including review of past LESJWA Business Plan, governance structure, finance support, legal support and administrative staff support.

7. INFORMATION REPORTS

- A. [LAKE ELSINORE BLUEWATER RENEWABLE ENERGY STORAGE PROJECT UPDATE \(LES#2022.28\)](#)..... 133
Presenter: Paul Anderson, Bluewater Renewable Energy, LLC
Recommendation: Receive and file.
- B. [LAKE ELSINORE AND CANYON LAKE TMDL TASK FORCE UPDATE \(LES#2022.29\)](#)..... 143
Presenter: Mark Norton, LESJWA Authority Administrator
Recommendation: Receive and file.
- C. **ADMINISTRATOR’S COMMENTS**
- D. **DIRECTORS’ COMMENTS**
- E. **FUTURE AGENDA ITEMS REQUESTS**

8. CLOSED SESSION

There were no Closed Session items anticipated at the time of the posting of this agenda.

9. ADJOURNMENT

PLEASE NOTE:

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, call (951) 354-4220 or email zramirez@sawpa.org. 48-hour notification prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests 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 of Directors after distribution of the agenda packet are available for public inspection during normal business hours at the LESJWA's office, 11615 Sterling Avenue, Riverside, and available at www.mywatersheds.com, subject to staff's ability to post documents prior to the meeting.

Declaration of Posting

I, Zyanya Ramirez, Clerk of the Board to the Lake Elsinore and San Jacinto Watersheds Authority declare that on December 8, 2022, a copy of this agenda has been uploaded to the LESJWA website at www.mywatersheds.com and posted at LESJWA's office, 11615 Sterling Avenue, Riverside, California.

2023 - LESJWA Board of Directors Regular Meetings

Third Thursday of Every Other Month

(NOTE: Unless otherwise noticed, all LESJWA Board of Directors Meetings begin at 4:00 p.m., and held at EVMWD)

February 16, 2023	April 20, 2023
June 15, 2023	August 17, 2023
October 19, 2023	December 21, 2023

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LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
BOARD OF DIRECTORS MEETING
REGULAR MEETING MINUTES
August 18, 2022

BOARD OF DIRECTORS PRESENT

Dale Welty, Chair, City of Canyon Lake
Robert Magee, Vice Chair, City of Lake Elsinore
Phil Williams, Secretary/Treasurer, Elsinore Valley Municipal Water District [5:05 p.m.]
Brenda Dennstedt, Santa Ana Watershed Project Authority [4:06 p.m.]
Kevin Jeffries, County of Riverside

OTHERS PRESENT

Alex Teahen, City of Lake Elsinore
Ben Foster, City of Lake Elsinore
Dave McElroy
David Pfeiffer, Bluewater Renewable Energy LLC
Ganesh Krishnamurthy, Elsinore Valley Municipal Water District
Greg Thomas, Elsinore Valley Municipal Water District
Jeffrey Mosher, SAWPA
Liselle DeGrave, DeGrave Communications
Margie Armstrong, Elsinore Valley Municipal Water District
Parag Kalaria, Elsinore Valley Municipal Water District
Paul Anderson, Bluewater Renewable Energy LLC
T. Milford Harrison, SAWPA Commissioner

LESJWA STAFF

Mark Norton, Rick Whetsel, Sara Villa

1. CALL TO ORDER

The Regular Board of Directors meeting of the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) was called to order at 4:01 p.m. by Chair Welty on behalf of the Lake Elsinore & San Jacinto Watersheds Authority, 11615 Sterling Avenue, Riverside, California. The record will reflect this meeting was conducted virtually.

Pursuant to the provisions of AB 361, this meeting was conducted virtually, and all votes were taken by oral roll call.

2. ROLL CALL

An oral roll call was duly noted and recorded by the Clerk of the Board.

3. PUBLIC COMMENTS

There were no public comments; there were no public comments received via email.

4. ITEMS TO BE ADDED OR DELETED

There were no added or deleted items.

5. CONSENT CALENDAR

A. APPROVAL OF MEETING MINUTES: APRIL 21, 2022

Recommendation: Approve as posted.

B. TREASURER'S REPORT: MARCH 2022 | APRIL 2022

Recommendation: Approve as posted.

C. TMDL TASK FORCE REPORT: MARCH 2, 2022 | APRIL 20, 2022 | JUNE 27, 2022

Recommendation: Approve as posted.

D. RESOLUTION FOR IMPLEMENTATION OF AB 361 (LES#2022.15)

Recommendation: Approve as posted.

MOVED, approve the Consent Calendar as posted.

Result: **Adopted by Roll Call Vote**
Motion/Second: Jeffries/Magee
Ayes: Jeffries, Magee, Welty
Nays: None
Abstentions: None
Absent: Dennstedt, Williams

6. NEW BUSINESS

A. LAKE ELSINORE AND CANYON LAKE NUTRIENT TMDL TASK FORCE AGREEMENT AMENDMENT NO. 3 (LES#2022.16)

Rick Whetsel provided an overview of the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Agreement amendments. Amendment 3 is necessary to extend the agreement through June 30, 2025, with the option for another two years thereafter.

MOVED, to approve Amendment No. 3 to the Lake Elsinore and Canyon Lake Nutrient TMDL Task Force Agreement effectively extending the existing Task Force through June 30, 2025, with the option for another two years thereafter.

Result: **Adopted by Roll Call Vote**
Motion/Second: Jeffries/Magee
Ayes: Dennstedt, Jeffries, Magee, Welty
Nays: None
Abstentions: None
Absent: Williams

B. TECHNICAL SUPPORT TO LAKE ELSINORE/CANYON LAKE (LE/CL) TMDL TASK FORCE AND UPDATE TO THE 2018 TMDL TECHNICAL REPORT (LES#2022.17)

Rick Whetsel informed the board that the LE/CL TMDL Task Force recommends the approval of a proposal from CDM Smith to further support the process to update and revise the technical document and additional technical support services. This will be included in Task Force FY 2022-23 budget.

MOVED, to authorize Task Order No. CDM160-06 with CDM Smith, Inc. for an amount not-to-exceed \$138,300.00 to further support the LE&CL TMDL process to update and revise the technical document and provide technical support services to the Lake Elsinore/Canyon Lake (LECL) Nutrient TMDL Task Force through February 2022

Result: **Adopted by Roll Call Vote**
Motion/Second: Jeffries/Magee
Ayes: Dennstedt, Jeffries, Magee, Welty
Nays: None
Abstentions: None
Absent: Williams

C. SCHEDULE LESJWA WORKSHOP (LES#2022.18)

The Board of Directors have expressed interest in discussing the different options LESJWA has for its administration, which has been administered by SAWPA since its formation in 2000. Mark Norton proposed a workshop intended to explore support options for LESJWA into the future, including the previous LESJWA Business Plan, governance structure, management, administration, legal and finance support. It was proposed that the October 20, 2022 Regular LESJWA Board of Directors Meeting be a workshop for this topic.

Directors Welty, Jeffries and Dennstedt stated that they had conflicts for that day and suggested that this workshop be in person. Director Dennstedt suggested the workshop take place after the hiring of SAWPA's new Water Resources and Planning manager, who is intended to replace Mark Norton. This would allow for the new person to be part of the process. It was the consensus of the Board not to move the motion and requested staff recommend a different date and poll the Board members on what discussion topics should be included.

No action was taken on Agenda Item 6.C.

7. INFORMATION REPORTS

A. LAKE ELSINORE ADVANCED PUMPED STORAGE PROJECT (LEAPS) UPDATE (LES#2022.19)

Mark Norton provided a brief background on the history of LEAPS Hydro Company on Lake Elsinore Advanced Pumped Storage (LEAPS) project, now known as Bluewater Renewable Energy Storage Project. Paul Anderson, Bluewater Renewable Energy LLC provided a PowerPoint presentation titled [Bluewater Renewable Energy Storage Project](#). This presentation was not provided to LESJWA staff prior to the meeting taking place. It will be posted to the LESJWA website after the meeting. Mr. Anderson highlighted several changes to the project and provided a list of stakeholders to work on issues of concern with.

Chair Welty asked that the City of Canyon Lake be part of the stakeholders list as Canyon Lake may be affected by this project. He asked if the energy from this project would feed the local grid. Mr. Anderson said yes and added that areas of LA would also be included.

Director Dennstedt requested that they also involve the Western Municipal Water District. She emphasized the importance of outreach for this project to the community/residents, local business, and wholesalers. She asked that future presentations to the Board, particularly regarding this topic, be provided in the agenda packet ahead of time. She raised concerns of possible pushback from her community as they are currently in the middle of a drought and anticipate increased demand of water for new housing.

Director Magee requested that the U.S. Army Corps of Engineers, Riverside County, and the Riverside County Flood Control and Water Conservation District be part of the conversation. He asked if Bluewater Renewable Energy LLC has been able to secure any public support (appointed local officials and/or residents) for this project. Mr. Anderson stated that at this stage of the project they have not been seeking support and are currently engaging with interested parties to work to resolve issues and concerns. He added that he'll be including all the entities mentioned by the directors, and he acknowledged the sensitivity and importance of this topic.

Greg Thomas, General Manager of Elsinore Valley Municipal Water District (EVMWD), stated for the record that EVMWD is currently not a project partner, but there is a settlement agreement between them and the previous owner which in turn has now been inherited to Bluewater Renewable Energy LLC. This settlement agreement requires EVWMD to provide aspects of outreach and water production. EVMWD is agnostic to this project. Director Williams was in support of this statement.

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

B. 2022 LESJWA WATER SUMMIT & OTHER OUTREACH (LES#2022.20)

Liselle DeGrave, of DeGrave Communications, provided a PowerPoint presentation on LESJWA outreach efforts, public education, and LESJWA Water Summit. This presentation is contained in the agenda packet on pages 99-111.

LESJWA participated in three events:

- EVMWD's Flow into Fall virtual open house
- EVMWD's Splash into Summer
- City of Menifee's Earth Day
- City of Canyon Lake Fiesta Day

The LESJWA Water Summit was a success with 70 people in attendance. This was hosted at the Community Hall of the Launch Pointe recreation Destination and RV Park in Lake Elsinore.

LESJWA published two public notices in The Friday Flyer, one in October 2021 and the other in April 2022 for the Canyon Lake Alum Applications. She noted that the community has become accustomed to these notices and there has been a decrease in questions and concern. Wood Environmental is hosting an event for the community to ask questions about the Alum Application.

Mark Norton added that there recently was an article regarding blue algae signage at Lake Elsinore. The LESJWA PR Committee will work on a response to the article at their next meeting.

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

C. GRANT FUNDING OPPORTUNITIES (LES#2022.21)

Mark Norton provided an oral status report regarding grant funding opportunities in support of LESJWA and the Lake Elsinore and Canyon Lake TMDL Task Force. This is summarized in the LESJWA Board memo number 2022.21.

- Phase 1 – Lake Elsinore Algae Harvesting and Nutrient Removal Project was submitted to SAWPA under their OWOW Call for Projects for Proposition 1 Integrated Regional Water Management Program Round 2 Implementation Grant. Additional funding would need to be sought from other sources to allow for full scale treatment of the lake
- The City of Lake Elsinore is submitting a separate project to evaluate various algal treatments and removal technologies for improvement in Lake Elsinore.

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

D. LAKE ELSINORE & CANYON LAKE NUTRIENT TMDL TASK FORCE UPDATE (LES#2022.22)

Mark Norton provided an oral status update on the Lake Elsinore and Canyon Lake (LE/CL) Nutrient TMDL Task Force. This is summarized in LESJWA Board memo under 2022.14.

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

E. ADMINISTRATOR’S COMMENTS

There were no administrator’s comments.

F. DIRECTORS’ COMMENTS

Chair Welty stated that the State of the City for the cities of Lake Elsinore and Canyon Lake have been scheduled for the same day and time. Staff will work on rescheduling either of the events in order to avoid conflicts.

G. FUTURE AGENDA ITEMS REQUESTS

There were no request for future agenda items.

8. CLOSED SESSION

There was no Closed Session.

9. ADJOURNMENT

There being no further business for review, Chair Welty adjourned the meeting at 5:10 p.m.

Approved at a Regular Meeting of the Lake Elsinore & San Jacinto Watersheds Authority Board of Directors Meeting on Thursday, December 15, 2022.

Dale Welty, Chair

Attest:

Zyanya Ramirez, Clerk of the Board

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Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

May 2022

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 05/31/2022

Balance as of 04/30/2022 \$ 487,141.87

Funds Received

Deposits:

Open - Grant Invoices

Open - Member & Other Contributions

San Jacinto Dairy & CAFO	\$1,500.00	
Total Due LESJWA	\$1,500.00	

Disbursement List - May 2022 \$ (143,163.69)

Funds Available as of 05/31/2022 **\$ 343,978.18**

Funds Available:

Checking	\$ 26,332.82	
LAIF	\$ 317,645.36	
Total	\$ 343,978.18	

Lake Elsinore San Jacinto Watersheds Authority
 LE/CL TMDL Invoice History
 FYE 2013 - 2022
 as of May 31, 2022

Agency	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
March ARB	13,050.00	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00	27,890.00	32,863.00	36,460.00	33,216.00
CalTrans	13,050.00	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00	29,996.00	34,286.00	37,651.00	32,757.00
City of Beaumont	1,865.00	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00	14,160.00	28,251.00	28,935.00	27,070.00
City of Canyon Lake	644.00	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00	28,780.00	33,754.00	37,787.00	34,393.00
City of Hemet	6,286.00	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00	29,084.00	41,830.00	46,261.00	42,139.00
City of Lake Elsinore	-	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00	28,521.00	33,361.00	34,071.00	31,795.00
City of Menifee	23,649.00	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00	112,252.00	86,846.00	92,189.00	82,180.00
City of Moreno Valley	15,425.00	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00	144,495.00	80,826.00	83,847.00	63,927.00
City of Murrieta	-	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00	22,796.00	30,774.00	34,433.00	32,988.00
City of Perris	5,752.00	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00	66,775.00	50,792.00	54,723.00	40,792.00
City of Riverside	1,575.00	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00	24,896.00	26,751.00	28,635.00	27,070.00
City of San Jacinto	4,315.00	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00	27,296.00	26,751.00	27,435.00	27,970.00
City of Wildomar	4,461.00	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00	21,872.00	31,578.00	30,945.00	25,060.00
County of Riverside	-	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00	76,601.00	81,634.00	88,734.00	83,361.00
Dept of Fish and Game	13,050.00	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00	16,818.00	26,751.00	27,435.00	25,570.00
Eastern Municipal Water District	13,050.00	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00	16,222.00	23,496.00	26,935.00	25,570.00
Elsinore Valley Municipal Water District	-	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00	12,626.00	24,934.00	29,881.00	26,946.00
March JPA	13,050.00	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00	24,596.00	31,006.00	34,412.00	32,968.00
San Jacinto Agricultural Operators	28,278.00	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00	37,999.65	38,927.00	27,767.00	14,382.00
San Jacinto Dairy & CAFO Operators	10,211.00	12,500.00	16,225.00	-	-	-	2,700.00	2,850.00	-	1,500.00
Total	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	711,654.00
Total Paid Contributions	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00
Total Outstanding Contributions	-	-	-	-	-	-	-	-	-	1,500.00
Total Outstanding Contributions										
San Jacinto Dairy & CAFO Operators									-	1,500.00
Total Outstanding All Years	-	-	-	-	-	-	-	-	-	1,500.00

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Eleven Months Ending Tuesday, May 31, 2022

Assets

Checking - US Bank	\$26,332.82
L.A.I.F.	317,645.36
Accounts Receivable	1,500.00
Prepaid Insurance	2,536.00
Total Assets	<u>\$348,014.18</u>

Liabilities

Accounts Payable	<u>56,565.88</u>
Total Liabilities	<u>\$56,565.88</u>

Retained Earnings 197,923.74

Excess Revenue over (under) Expenditures \$93,524.56

Total Net Assets \$291,448.30

Total Liabilities and Net Assets \$348,014.18

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Eleven Months Ending Tuesday, May 31, 2022

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
LAIF Interest	\$0.00	\$1,071.58	\$2,200.00	48.71%	\$1,128.42
Member Agency Contributions	0.00	286,495.00	288,445.00	99.32%	1,950.00
Other Agency Contributions	0.00	535,159.00	540,257.00	99.06%	5,098.00
Miscellaneous Revenue	0.00	3,500.00	0.00	0.00%	(3,500.00)
Total Revenues	\$0.00	\$826,225.58	\$830,902.00	99.44%	\$4,676.42
Expenses					
Salaries - Regular	2,616.28	60,326.85	62,314.00	96.81%	1,987.15
Payroll Burden	1,036.05	23,889.44	24,676.00	96.81%	786.56
Overhead	4,220.06	97,307.19	100,510.00	96.81%	3,202.81
Audit Fees	0.00	5,000.00	5,000.00	100.00%	0.00
Consulting - General	26,205.24	542,574.22	551,252.00	98.43%	8,677.78
LEAMS Offset Credit License	0.00	0.00	60,450.00	0.00%	60,450.00
Legal Fees	0.00	218.75	1,100.00	19.89%	881.25
Meeting & Conference Expense	127.73	190.29	0.00	0.00%	(190.29)
Bank Charges	0.00	0.00	1,000.00	0.00%	1,000.00
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Other Expense	0.00	602.44	400.00	150.61%	(202.44)
Insurance Expense	0.00	2,536.00	3,000.00	84.53%	464.00
Interest Expense	0.00	55.84	200.00	27.92%	144.16
Total Expenditures	\$34,205.36	\$732,701.02	\$810,012.00	90.46%	\$77,310.98
Excess Revenue over (under) Expenditures	(\$34,205.36)	\$93,524.56	\$20,890.00	447.70%	(\$72,634.56)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending May 31, 2022

	JPA Administration	TMDL Task Force	Total	Budget	% Used	Budget Variance
Revenues						
LAIF Interest	1,071.58		1,071.58	2,200.00	48.71%	1,128.42
Member Agency Contributions	110,000.00	176,495.00	286,495.00	288,445.00	99.32%	1,950.00
Other Agency Contributions		535,159.00	535,159.00	540,257.00	99.06%	5,098.00
Miscellaneous Revenue	3,500.00		3,500.00	-	100.00%	(3,500.00)
Total Revenues	\$ 114,571.58	\$ 711,654.00	\$ 826,225.58	\$ 830,902.00	99.44%	\$ 4,676.42
Expenditures						
Salaries	\$ 27,918.83	\$ 32,408.02	\$ 60,326.85	\$ 62,314.00	96.81%	\$ 1,987.15
Benefits	11,055.87	12,833.57	23,889.44	24,676.00	96.81%	786.56
Indirect Costs	45,033.05	52,274.14	97,307.19	100,510.00	96.81%	3,202.81
Audit Fees	5,000.00		5,000.00	5,000.00	100.00%	-
Consulting	27,989.25	514,584.97	542,574.22	551,252.00	98.43%	8,677.78
Other Contract Services			-	-	0.00%	-
Legal Fees	218.75		218.75	1,100.00	19.89%	881.25
Meeting & Conference Expense	190.29		190.29	-	0.00%	(190.29)
Bank Charges			-	1,000.00	0.00%	1,000.00
Shipping & Postage			-	50.00	0.00%	50.00
Other Expense	602.44		602.44	400.00	150.61%	(202.44)
LEAMS Excess Offset Credit			-	60,450.00	0.00%	60,450.00
Insurance Expense	2,536.00		2,536.00	3,000.00	84.53%	464.00
Office Supplies				60.00	0.00%	60.00
Interest Expense	55.84		55.84	200.00	27.92%	144.16
Total Expenditures	\$ 120,600.32	\$ 612,100.70	\$ 732,701.02	\$ 810,012.00	90.46%	\$ 77,310.98
Excess Revenue over (under) Expenditures	\$ (6,028.74)	\$ 99,553.30	\$ 93,524.56	\$ 20,890.00	100.00%	\$ (72,634.56)
Cash Balance @ 05/31/2022	\$ 44,851.74	\$ 299,126.44	\$ 343,978.18			

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
May 2022**

Check #	Check Date	Type	Vendor	Check Amount
EFT424	5/5/2022	CHK	CDM Smith Inc	\$ 7,146.50
EFT425	5/5/2022	CHK	AquaTechnex LLC	\$ 94,553.07
EFT426	5/5/2022	CHK	Wood Environment & Infrastru	\$ 10,454.33
EFT427	5/19/2022	CHK	Santa Ana Watershed Project	\$ 11,964.55
EFT428	5/19/2022	CHK	Kahn, Soares & Conway, LLP	\$ 7,575.00
EFT429	5/26/2022	CHK	DeGrave Communications	\$ 11,470.24
Total Disbursements May 2022				<u>\$ 143,163.69</u>

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Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

June 2022

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 06/30/2022

Balance as of 05/31/2022 \$ 343,978.18

Funds Received

Deposits:

Open - Grant Invoices

Open - Member & Other Contributions

Total Due LESJWA

Disbursement List - June 2022 \$ (35,991.64)

Funds Available as of 06/30/2022 \$ 307,986.54

Funds Available:

Checking	\$ 40,341.18
LAIF	<u>\$ 267,645.36</u>
Total	<u><u>\$ 307,986.54</u></u>

Lake Elsinore San Jacinto Watersheds Authority
 LE/CL TMDL Invoice History
 FYE 2013 - 2022
 as of June 30, 2022

Agency	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
March ARB	13,050.00	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00	27,890.00	32,863.00	36,460.00	33,216.00
CalTrans	13,050.00	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00	29,996.00	34,286.00	37,651.00	32,757.00
City of Beaumont	1,865.00	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00	14,160.00	28,251.00	28,935.00	27,070.00
City of Canyon Lake	644.00	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00	28,780.00	33,754.00	37,787.00	34,393.00
City of Hemet	6,286.00	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00	29,084.00	41,830.00	46,261.00	42,139.00
City of Lake Elsinore	-	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00	28,521.00	33,361.00	34,071.00	31,795.00
City of Menifee	23,649.00	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00	112,252.00	86,846.00	92,189.00	82,180.00
City of Moreno Valley	15,425.00	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00	144,495.00	80,826.00	83,847.00	63,927.00
City of Murrieta	-	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00	22,796.00	30,774.00	34,433.00	32,988.00
City of Perris	5,752.00	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00	66,775.00	50,792.00	54,723.00	40,792.00
City of Riverside	1,575.00	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00	24,896.00	26,751.00	28,635.00	27,070.00
City of San Jacinto	4,315.00	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00	27,296.00	26,751.00	27,435.00	27,970.00
City of Wildomar	4,461.00	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00	21,872.00	31,578.00	30,945.00	25,060.00
County of Riverside	-	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00	76,601.00	81,634.00	88,734.00	83,361.00
Dept of Fish and Game	13,050.00	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00	16,818.00	26,751.00	27,435.00	25,570.00
Eastern Municipal Water District	13,050.00	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00	16,222.00	23,496.00	26,935.00	25,570.00
Elsinore Valley Municipal Water District	-	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00	12,626.00	24,934.00	29,881.00	26,946.00
March JPA	13,050.00	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00	24,596.00	31,006.00	34,412.00	32,968.00
San Jacinto Agricultural Operators	28,278.00	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00	37,999.65	38,927.00	27,767.00	14,382.00
San Jacinto Dairy & CAFO Operators	10,211.00	12,500.00	16,225.00	-	-	-	2,700.00	2,850.00	-	-
Total	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00
Total Paid Contributions	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00
Total Outstanding Contributions	-	-	-	-	-	-	-	-	-	-
Total Outstanding Contributions	<hr/>									
Total Outstanding All Years	<hr/>									

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Twelve Months Ending Thursday, June 30, 2022

Assets

Checking - US Bank	\$40,341.18
L.A.I.F.	267,645.36
Accounts Receivable	1,500.00
Accrued Accounts Receivable	(1,500.00)
Interest Receivable	683.12
Prepaid Insurance	2,536.00
Total Assets	<u>\$311,205.66</u>

Liabilities

Accounts Payable	36,545.66
Accrued Accounts Payable	134,636.25
Total Liabilities	<u>\$171,181.91</u>

Retained Earnings	197,923.74
Excess Revenue over (under) Expenditures	<u>(\$57,899.99)</u>
Total Net Assets	<u>\$140,023.75</u>
Total Liabilities and Net Assets	<u><u>\$311,205.66</u></u>

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Twelve Months Ending Thursday, June 30, 2022

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
LAIF Interest	\$683.12	\$1,754.70	\$2,200.00	79.76%	\$445.30
Member Agency Contributions	0.00	286,495.00	288,445.00	99.32%	1,950.00
Other Agency Contributions	(1,500.00)	533,659.00	540,257.00	98.78%	6,598.00
Miscellaneous Revenue	0.00	3,500.00	0.00	0.00%	(3,500.00)
Total Revenues	(\$816.88)	\$825,408.70	\$830,902.00	99.34%	\$5,493.30
Expenses					
Salaries - Regular	3,067.55	63,394.40	62,314.00	101.73%	(1,080.40)
Payroll Burden	1,214.75	25,104.19	24,676.00	101.74%	(428.19)
Overhead	4,947.95	102,255.14	100,510.00	101.74%	(1,745.14)
Audit Fees	0.00	5,000.00	5,000.00	100.00%	0.00
Consulting - General	38,688.92	581,263.14	551,252.00	105.44%	(30,011.14)
LEAMS Offset Credit License	102,450.00	102,450.00	60,450.00	169.48%	(42,000.00)
Legal Fees	0.00	218.75	1,100.00	19.89%	881.25
Meeting & Conference Expense	28.67	218.96	0.00	0.00%	(218.96)
Bank Charges	0.00	0.00	1,000.00	0.00%	1,000.00
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Other Expense	185.02	787.46	400.00	196.87%	(387.46)
Insurance Expense	0.00	2,536.00	3,000.00	84.53%	464.00
Interest Expense	24.81	80.65	200.00	40.33%	119.35
Total Expenditures	\$150,607.67	\$883,308.69	\$810,012.00	109.05%	(\$73,296.69)
Excess Revenue over (under) Expenditures	(\$151,424.55)	(\$57,899.99)	\$20,890.00	-277.17%	\$78,789.99

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending June 30, 2022

	JPA Administration	TMDL Task Force	Total	Budget	% Used	Budget Variance
Revenues						
LAIF Interest	1,754.70		1,754.70	2,200.00	79.76%	445.30
Member Agency Contributions	110,000.00	176,495.00	286,495.00	288,445.00	99.32%	1,950.00
Other Agency Contributions		533,659.00	533,659.00	540,257.00	98.78%	6,598.00
Miscellaneous Revenue	3,500.00		3,500.00	-	100.00%	(3,500.00)
Total Revenues	\$ 115,254.70	\$ 710,154.00	\$ 825,408.70	\$ 830,902.00	99.34%	\$ 5,493.30
Expenditures						
Salaries	\$ 29,441.12	\$ 33,953.28	\$ 63,394.40	\$ 62,314.00	101.73%	\$ (1,080.40)
Benefits	11,658.70	13,445.49	25,104.19	24,676.00	101.74%	(428.19)
Indirect Costs	47,488.50	54,766.64	102,255.14	100,510.00	101.74%	(1,745.14)
Audit Fees	5,000.00		5,000.00	5,000.00	100.00%	-
Consulting	27,989.25	553,273.89	581,263.14	551,252.00	105.44%	(30,011.14)
Other Contract Services			-	-	0.00%	-
Legal Fees	218.75		218.75	1,100.00	19.89%	881.25
Meeting & Conference Expense	218.96		218.96	-	0.00%	(218.96)
Bank Charges			-	1,000.00	0.00%	1,000.00
Shipping & Postage			-	50.00	0.00%	50.00
Other Expense	787.46		787.46	400.00	196.87%	(387.46)
LEAMS Excess Offset Credit	102,450.00		102,450.00	60,450.00	169.48%	(42,000.00)
Insurance Expense	2,536.00		2,536.00	3,000.00	84.53%	464.00
Office Supplies				60.00	0.00%	60.00
Interest Expense	80.65		80.65	200.00	40.33%	119.35
Total Expenditures	\$ 227,869.39	\$ 655,439.30	\$ 883,308.69	\$ 810,012.00	109.05%	\$ (73,296.69)
Excess Revenue over (under) Expenditures	\$ (112,614.69)	\$ 54,714.70	\$ (57,899.99)	\$ 20,890.00	100.00%	\$ 78,789.99
Cash Balance @ 06/30/2022	\$ 49,704.78	\$ 258,281.76	\$ 307,986.54			

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
June 2022**

Check #	Check Date	Type	Vendor	Check Amount
1113	6/16/2022	CHK	Alliant Insurance Services	\$ 2,536.00
EFT430	6/9/2022	CHK	Kahn, Soares & Conway, LLP	\$ 1,500.00
EFT431	6/16/2022	CHK	Santa Ana Watershed Project Authority	\$ 8,000.12
EFT432	6/16/2022	CHK	CDM Smith Inc	\$ 5,831.00
EFT433	6/16/2022	CHK	Wood Environment & Infrastructure	\$ 13,993.52
EFT434	6/30/2022	CHK	CDM Smith Inc	\$ 4,131.00
Total Disbursements June 2022				<u>\$ 35,991.64</u>

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Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

July 2022

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 07/31/2022

Balance as of 06/30/2022 \$ 307,986.54

Funds Received

Deposits:

LAIF Interest 683.12

Open - Grant Invoices

Open - Member & Other Contributions

City of Canyon Lake	20,000.00
City of Lake Elsinore	20,000.00
County of Riverside	20,000.00
Elsinore Valley Municipal Water District	20,000.00
RCFCD	20,000.00
SAWPA	10,000.00
March ARB	38,751.00
CalTrans	39,848.00
City of Beaumont	32,082.00
City of Canyon Lake	40,695.00
City of Hemet	50,858.00
City of Lake Elsinore	35,573.00
City of Menifee	106,785.00
City of Moreno Valley	91,977.00
City of Murrieta	38,102.00
City of Perris	56,560.00
City of Riverside	32,082.00
City of San Jacinto	32,082.00
City of Wildomar	32,376.00
County of Riverside	114,620.00
Dept of Fish and Game	29,082.00
Eastern Municipal Water District	29,082.00
Elsinore Valley Municipal Water District	30,411.00
March JPA	38,071.00
San Jacinto Agricultural Operators	29,915.00
San Jacinto Dairy & CAFO Operators	3,000.00
Total Due LESJWA	1,011,952.00

Disbursement List - July 2022 \$ (36,545.66)

Funds Available as of 07/31/2022 **\$ 272,124.00**

Funds Available:

Checking	\$ 3,795.52
LAIF	\$ 268,328.48
Total	\$ 272,124.00

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2014 - 2023
as of July 31, 2022

Agency	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
March ARB	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00	27,890.00	32,863.00	36,460.00	33,216.00	38,751.00
CalTrans	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00	29,996.00	34,286.00	37,651.00	32,757.00	39,848.00
City of Beaumont	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00	14,160.00	28,251.00	28,935.00	27,070.00	32,082.00
City of Canyon Lake	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00	28,780.00	33,754.00	37,787.00	34,393.00	40,695.00
City of Hemet	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00	29,084.00	41,830.00	46,261.00	42,139.00	50,858.00
City of Lake Elsinore	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00	28,521.00	33,361.00	34,071.00	31,795.00	35,573.00
City of Menifee	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00	112,252.00	86,846.00	92,189.00	82,180.00	106,785.00
City of Moreno Valley	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00	144,495.00	80,826.00	83,847.00	63,927.00	91,977.00
City of Murrieta	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00	22,796.00	30,774.00	34,433.00	32,988.00	38,102.00
City of Perris	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00	66,775.00	50,792.00	54,723.00	40,792.00	56,560.00
City of Riverside	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00	24,896.00	26,751.00	28,635.00	27,070.00	32,082.00
City of San Jacinto	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00	27,296.00	26,751.00	27,435.00	27,970.00	32,082.00
City of Wildomar	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00	21,872.00	31,578.00	30,945.00	25,060.00	32,376.00
County of Riverside	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00	76,601.00	81,634.00	88,734.00	83,361.00	114,620.00
Dept of Fish and Game	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00	16,818.00	26,751.00	27,435.00	25,570.00	29,082.00
Eastern Municipal Water District	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00	16,222.00	23,496.00	26,935.00	25,570.00	29,082.00
Elsinore Valley Municipal Water District	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00	12,626.00	24,934.00	29,881.00	26,946.00	30,411.00
March JPA	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00	24,596.00	31,006.00	34,412.00	32,968.00	38,071.00
San Jacinto Agricultural Operators	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00	37,999.65	38,927.00	27,767.00	14,382.00	29,915.00
San Jacinto Dairy & CAFO Operators	12,500.00	16,225.00	-	-	-	2,700.00	2,850.00	-	-	3,000.00
Total	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00	901,952.00
Total Paid Contributions	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00	-
Total Outstanding Contributions	-	-	-	-	-	-	-	-	-	901,952.00
Total Outstanding Contributions										
March ARB										38,751.00
CalTrans										39,848.00
City of Beaumont										32,082.00
City of Canyon Lake										40,695.00
City of Hemet										50,858.00
City of Lake Elsinore										35,573.00
City of Menifee										106,785.00
City of Moreno Valley										91,977.00
City of Murrieta										38,102.00
City of Perris										56,560.00
City of Riverside										32,082.00
City of San Jacinto										32,082.00
City of Wildomar										32,376.00
County of Riverside										114,620.00
Dept of Fish and Game										29,082.00
Eastern Municipal Water District										29,082.00
Elsinore Valley Municipal Water District										30,411.00
March JPA										38,071.00
San Jacinto Agricultural Operators										29,915.00
San Jacinto Dairy & CAFO Operators								-	-	3,000.00
Total Outstanding All Years	-	-	-	-	-	-	-	-	-	901,952.00

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the One Month Ending Sunday, July 31, 2022

Assets

Checking - US Bank	\$3,795.52
L.A.I.F.	268,328.48
Accounts Receivable	1,011,952.00
Total Assets	<u>\$1,284,076.00</u>

Liabilities

Accounts Payable	192,267.12
Total Liabilities	<u>\$192,267.12</u>

Retained Earnings 140,023.75

Excess Revenue over (under) Expenditures \$951,785.13

 Total Net Assets \$1,091,808.88

Total Liabilities and Net Assets \$1,284,076.00

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the One Month Ending Sunday, July 31, 2022

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
LAIF Interest	\$0.00	\$0.00	\$1,650.00	0.00%	\$1,650.00
Member Agency Contributions	196,679.00	196,679.00	274,100.00	71.75%	77,421.00
Other Agency Contributions	815,273.00	815,273.00	737,851.00	110.49%	(77,422.00)
Total Revenues	\$1,011,952.00	\$1,011,952.00	\$1,013,601.00	99.84%	\$1,649.00
Expenses					
Salaries - Regular	5,049.91	5,049.91	61,922.00	8.16%	56,872.09
Payroll Burden	2,120.96	2,120.96	26,007.33	8.16%	23,886.37
Overhead	8,120.25	8,120.25	99,570.67	8.16%	91,450.42
Audit Fees	1,800.00	1,800.00	5,600.00	32.14%	3,800.00
Consulting - General	40,539.75	40,539.75	712,451.00	5.69%	671,911.25
LEAMS Offset Credit License	0.00	0.00	112,500.00	0.00%	112,500.00
Legal Fees	0.00	0.00	1,100.00	0.00%	1,100.00
Contributions	0.00	0.00	10,000.00	0.00%	10,000.00
Bank Charges	0.00	0.00	1,000.00	0.00%	1,000.00
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Other Expense	0.00	0.00	400.00	0.00%	400.00
Insurance Expense	2,536.00	2,536.00	3,000.00	84.53%	464.00
Interest Expense	0.00	0.00	200.00	0.00%	200.00
Total Expenditures	\$60,166.87	\$60,166.87	\$1,033,861.00	5.82%	\$973,694.13
Excess Revenue over (under) Expenditures	\$951,785.13	\$951,785.13	(\$20,260.00)	-4697.85%	(\$972,045.13)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending July 31, 2022

	JPA Administration	TMDL Task Force	Total	Budget	% Used	Budget Variance
Revenues						
LAIF Interest			-	1,650.00	0.00%	1,650.00
Member Agency Contributions	90,000.00	106,679.00	196,679.00	274,100.00	71.75%	77,421.00
Other Agency Contributions		815,273.00	815,273.00	737,851.00	110.49%	(77,422.00)
Miscellaneous Revenue			-	-	100.00%	-
Total Revenues	\$ 90,000.00	\$ 921,952.00	\$ 1,011,952.00	\$ 1,013,601.00	99.84%	\$ 1,649.00
Expenditures						
Salaries	\$ 2,569.41	\$ 2,480.50	\$ 5,049.91	\$ 61,922.00	8.16%	\$ 56,872.09
Benefits	1,079.15	1,041.81	2,120.96	26,007.33	8.16%	23,886.37
Indirect Costs	4,131.61	3,988.64	8,120.25	99,570.67	8.16%	91,450.42
Audit Fees	1,800.00		1,800.00	5,600.00	32.14%	3,800.00
Consulting	1,431.25	39,108.50	40,539.75	712,451.00	5.69%	671,911.25
Other Contract Services			-	-	0.00%	-
Legal Fees			-	1,100.00	0.00%	1,100.00
Contributions				10,000.00	0.00%	10,000.00
Meeting & Conference Expense			-	-	0.00%	-
Bank Charges			-	1,000.00	0.00%	1,000.00
Shipping & Postage			-	50.00	0.00%	50.00
Other Expense			-	400.00	0.00%	400.00
LEAMS Excess Offset Credit			-	112,500.00	0.00%	112,500.00
Insurance Expense	2,536.00		2,536.00	3,000.00	84.53%	464.00
Office Supplies				60.00	0.00%	60.00
Interest Expense			-	200.00	0.00%	200.00
Total Expenditures	\$ 13,547.42	\$ 46,619.45	\$ 60,166.87	\$ 1,033,861.00	5.82%	\$ 973,694.13
Excess Revenue over (under) Expenditures	\$ 76,452.58	\$ 875,332.55	\$ 951,785.13	\$ (20,260.00)	100.00%	\$ (972,045.13)
Cash Balance @ 07/31/2022	\$ 33,167.41	\$ 238,956.59	\$ 272,124.00			

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
July 2022**

Check #	Check Date	Type	Vendor	Check Amount
EFT435	7/14/2022	CHK	Santa Ana Watershed Project Authority	\$ 9,258.92
EFT436	7/14/2022	CHK	Wood Environment & Infrastructure	\$ 20,574.24
EFT437	7/14/2022	CHK	Kahn, Soares & Conway, LLP	\$ 6,712.50
Total Disbursements July 2022				<u>\$ 36,545.66</u>

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Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

August 2022

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 08/31/2022

Balance as of 07/31/2022 \$ 272,124.00

Funds Received

Deposits:

City of Canyon Lake	20,000.00
County of Riverside (RCFCD)	20,000.00
City of Lake Elsinore	20,000.00
City of Wildomar	32,376.00
EVMWD	20,000.00
County of Riverside	20,000.00
City of Canyon Lake	40,695.00
EMWD	29,082.00
City of Murrieta	38,102.00
SAWPA	10,000.00

Open - Grant Invoices

Open - Member & Other Contributions

March ARB	38,751.00
CalTrans	39,848.00
City of Beaumont	32,082.00
City of Hemet	50,858.00
City of Lake Elsinore	35,573.00
City of Menifee	106,785.00
City of Moreno Valley	91,977.00
City of Perris	56,560.00
City of Riverside	32,082.00
City of San Jacinto	32,082.00
County of Riverside	114,620.00
Dept of Fish and Game	29,082.00
Elsinore Valley Municipal Water District	30,411.00
March JPA	38,071.00
San Jacinto Agricultural Operators	29,915.00
San Jacinto Dairy & CAFO Operators	3,000.00
Total Due LESJWA	761,697.00

Disbursement List - August 2022 \$ (159,803.62)

Funds Available as of 08/31/2022 **\$ 362,575.38**

Funds Available:

Checking	\$ 194,246.90
LAIF	\$ 168,328.48
Total	\$ 362,575.38

Lake Elsinore San Jacinto Watersheds Authority
 LE/CL TMDL Invoice History
 FYE 2014 - 2023
 as of August 31, 2022

Agency	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
March ARB	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00	27,890.00	32,863.00	36,460.00	33,216.00	38,751.00
CalTrans	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00	29,996.00	34,286.00	37,651.00	32,757.00	39,848.00
City of Beaumont	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00	14,160.00	28,251.00	28,935.00	27,070.00	32,082.00
City of Canyon Lake	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00	28,780.00	33,754.00	37,787.00	34,393.00	40,695.00
City of Hemet	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00	29,084.00	41,830.00	46,261.00	42,139.00	50,858.00
City of Lake Elsinore	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00	28,521.00	33,361.00	34,071.00	31,795.00	35,573.00
City of Menifee	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00	112,252.00	86,846.00	92,189.00	82,180.00	106,785.00
City of Moreno Valley	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00	144,495.00	80,826.00	83,847.00	63,927.00	91,977.00
City of Murrieta	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00	22,796.00	30,774.00	34,433.00	32,988.00	38,102.00
City of Perris	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00	66,775.00	50,792.00	54,723.00	40,792.00	56,560.00
City of Riverside	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00	24,896.00	26,751.00	28,635.00	27,070.00	32,082.00
City of San Jacinto	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00	27,296.00	26,751.00	27,435.00	27,970.00	32,082.00
City of Wildomar	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00	21,872.00	31,578.00	30,945.00	25,060.00	32,376.00
County of Riverside	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00	76,601.00	81,634.00	88,734.00	83,361.00	114,620.00
Dept of Fish and Game	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00	16,818.00	26,751.00	27,435.00	25,570.00	29,082.00
Eastern Municipal Water District	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00	16,222.00	23,496.00	26,935.00	25,570.00	29,082.00
Elsinore Valley Municipal Water District	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00	12,626.00	24,934.00	29,881.00	26,946.00	30,411.00
March JPA	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00	24,596.00	31,006.00	34,412.00	32,968.00	38,071.00
San Jacinto Agricultural Operators	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00	37,999.65	38,927.00	27,767.00	14,382.00	29,915.00
San Jacinto Dairy & CAFO Operators	12,500.00	16,225.00	-	-	-	2,700.00	2,850.00	-	-	3,000.00
Total	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00	901,952.00
Total Paid Contributions	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00	140,255.00
Total Outstanding Contributions	-	-	-	-	-	-	-	-	-	761,697.00
Total Outstanding Contributions										
March ARB										38,751.00
CalTrans										39,848.00
City of Beaumont										32,082.00
City of Hemet										50,858.00
City of Lake Elsinore										35,573.00
City of Menifee										106,785.00
City of Moreno Valley										91,977.00
City of Perris										56,560.00
City of Riverside										32,082.00
City of San Jacinto										32,082.00
County of Riverside										114,620.00
Dept of Fish and Game										29,082.00
Elsinore Valley Municipal Water District										30,411.00
March JPA										38,071.00
San Jacinto Agricultural Operators										29,915.00
San Jacinto Dairy & CAFO Operators								-	-	3,000.00
Total Outstanding All Years	-	-	-	-	-	-	-	-	-	761,697.00

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Two Months Ending Wednesday, August 31, 2022

Assets

Checking - US Bank	\$194,246.90
L.A.I.F.	168,328.48
Accounts Receivable	761,697.00
Total Assets	<u>\$1,124,272.38</u>

Liabilities

Accounts Payable	<u>117,159.14</u>
Total Liabilities	<u>\$117,159.14</u>

Retained Earnings 140,023.75

Excess Revenue over (under) Expenditures \$867,089.49

Total Net Assets \$1,007,113.24

Total Liabilities and Net Assets \$1,124,272.38

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Two Months Ending Wednesday, August 31, 2022

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
LAIF Interest	\$0.00	\$0.00	\$1,650.00	0.00%	\$1,650.00
Member Agency Contributions	0.00	196,679.00	274,100.00	71.75%	77,421.00
Other Agency Contributions	0.00	815,273.00	737,851.00	110.49%	(77,422.00)
Total Revenues	\$0.00	\$1,011,952.00	\$1,013,601.00	99.84%	\$1,649.00
Expenses					
Salaries - Regular	10,852.06	15,901.97	61,922.00	25.68%	46,020.03
Payroll Burden	4,557.87	6,678.83	26,007.33	25.68%	19,328.50
Overhead	17,450.11	25,570.36	99,570.67	25.68%	74,000.31
Audit Fees	0.00	1,800.00	5,600.00	32.14%	3,800.00
Consulting - General	51,790.01	92,329.76	712,451.00	12.96%	620,121.24
LEAMS Offset Credit License	0.00	0.00	112,500.00	0.00%	112,500.00
Legal Fees	0.00	0.00	1,100.00	0.00%	1,100.00
Contributions	0.00	0.00	10,000.00	0.00%	10,000.00
Bank Charges	0.00	0.00	1,000.00	0.00%	1,000.00
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Other Expense	45.59	45.59	400.00	11.40%	354.41
Insurance Expense	0.00	2,536.00	3,000.00	84.53%	464.00
Interest Expense	0.00	0.00	200.00	0.00%	200.00
Total Expenditures	\$84,695.64	\$144,862.51	\$1,033,861.00	14.01%	\$888,998.49
Excess Revenue over (under) Expenditures	(\$84,695.64)	\$867,089.49	(\$20,260.00)	-4279.81%	(\$887,349.49)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending August 31, 2022

	JPA Administration	TMDL Task Force	Total	Budget	% Used	Budget Variance
Revenues						
LAIF Interest			-	1,650.00	0.00%	1,650.00
Member Agency Contributions	90,000.00	106,679.00	196,679.00	274,100.00	71.75%	77,421.00
Other Agency Contributions		815,273.00	815,273.00	737,851.00	110.49%	(77,422.00)
Miscellaneous Revenue			-	-	100.00%	-
Total Revenues	\$ 90,000.00	\$ 921,952.00	\$ 1,011,952.00	\$ 1,013,601.00	99.84%	\$ 1,649.00
Expenditures						
Salaries	\$ 6,334.36	\$ 9,567.61	\$ 15,901.97	\$ 61,922.00	25.68%	\$ 46,020.03
Benefits	2,660.43	4,018.40	6,678.83	26,007.33	25.68%	19,328.50
Indirect Costs	10,185.65	15,384.71	25,570.36	99,570.67	25.68%	74,000.31
Audit Fees	1,800.00		1,800.00	5,600.00	32.14%	3,800.00
Consulting	5,577.35	86,752.41	92,329.76	712,451.00	12.96%	620,121.24
Other Contract Services			-	-	0.00%	-
Legal Fees			-	1,100.00	0.00%	1,100.00
Contributions				10,000.00	0.00%	10,000.00
Meeting & Conference Expense			-	-	0.00%	-
Bank Charges			-	1,000.00	0.00%	1,000.00
Shipping & Postage			-	50.00	0.00%	50.00
Other Expense	45.59		45.59	400.00	11.40%	354.41
LEAMS Excess Offset Credit			-	112,500.00	0.00%	112,500.00
Insurance Expense	2,536.00		2,536.00	3,000.00	84.53%	464.00
Office Supplies				60.00	0.00%	60.00
Interest Expense			-	200.00	0.00%	200.00
Total Expenditures	\$ 29,139.38	\$ 115,723.13	\$ 144,862.51	\$ 1,033,861.00	14.01%	\$ 888,998.49
Excess Revenue over (under) Expenditures	\$ 60,860.62	\$ 806,228.87	\$ 867,089.49	\$ (20,260.00)	100.00%	\$ (887,349.49)
Cash Balance @ 08/31/2022	\$ 111,946.16	\$ 250,629.22	\$ 362,575.38			

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
August 2022**

Check #	Check Date	Type	Vendor	Check Amount
1114	8/25/2022	CHK	City of Lake Elsinore	\$ 34,150.00
1115	8/25/2022	CHK	Riverside, County of	\$ 34,150.00
EFT438	8/11/2022	CHK	CDM Smith Inc	\$ 5,898.75
EFT439	8/11/2022	CHK	Fedak & Brown LLP	\$ 1,800.00
EFT440	8/11/2022	CHK	Kahn, Soares & Conway, LLP	\$ 6,645.00
EFT441	8/25/2022	CHK	Elsinore Valley Municipal Wa	\$ 34,150.00
EFT442	8/25/2022	CHK	Santa Ana Watershed Project	\$ 15,500.95
EFT443	8/25/2022	CHK	DeGrave Communications	\$ 1,431.25
EFT444	8/25/2022	CHK	Wood Environment & Infrastru	\$ 26,077.67
Total Disbursements August 2022				<u>\$ 159,803.62</u>

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Lake Elsinore and San Jacinto Watersheds Authority

FINANCIAL STATEMENTS

September 2022

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 09/30/2022

Balance as of 08/31/2022 \$ 362,575.38

Funds Received

Deposits:

City of Riverside	32,082.00
City of Menifee	106,785.00
EVMWD	30,411.00
City of Perris	56,560.00
March ARB	38,751.00
March JPA	38,071.00
City of Hemet	50,858.00
City of Lake Elsinore	35,573.00
City of Beaumont	32,082.00
County of Riverside	114,620.00
WRCAG	3,000.00
WRCAG	29,915.00
CA Dept of Fish & Game	29,082.00

Open - Grant Invoices

Open - Member & Other Contributions

CalTrans	39,848.00
City of Moreno Valley	91,977.00
City of San Jacinto	32,082.00
Total Due LESJWA	163,907.00

Disbursement List - September 2022 \$ (84,982.48)

Funds Available as of 09/30/2022 \$ 875,382.90

Funds Available:

Checking	\$ 707,054.42
LAIF	\$ 168,328.48
Total	\$ 875,382.90

Lake Elsinore San Jacinto Watersheds Authority
 LE/CL TMDL Invoice History
 FYE 2014 - 2023
 as of September 30, 2022

Agency	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
March ARB	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00	27,890.00	32,863.00	36,460.00	33,216.00	38,751.00
CalTrans	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00	29,996.00	34,286.00	37,651.00	32,757.00	39,848.00
City of Beaumont	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00	14,160.00	28,251.00	28,935.00	27,070.00	32,082.00
City of Canyon Lake	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00	28,780.00	33,754.00	37,787.00	34,393.00	40,695.00
City of Hemet	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00	29,084.00	41,830.00	46,261.00	42,139.00	50,858.00
City of Lake Elsinore	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00	28,521.00	33,361.00	34,071.00	31,795.00	35,573.00
City of Menifee	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00	112,252.00	86,846.00	92,189.00	82,180.00	106,785.00
City of Moreno Valley	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00	144,495.00	80,826.00	83,847.00	63,927.00	91,977.00
City of Murrieta	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00	22,796.00	30,774.00	34,433.00	32,988.00	38,102.00
City of Perris	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00	66,775.00	50,792.00	54,723.00	40,792.00	56,560.00
City of Riverside	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00	24,896.00	26,751.00	28,635.00	27,070.00	32,082.00
City of San Jacinto	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00	27,296.00	26,751.00	27,435.00	29,970.00	32,082.00
City of Wildomar	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00	21,872.00	31,578.00	30,945.00	25,060.00	32,376.00
County of Riverside	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00	76,601.00	81,634.00	88,734.00	83,361.00	114,620.00
Dept of Fish and Game	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00	16,818.00	26,751.00	27,435.00	25,570.00	29,082.00
Eastern Municipal Water District	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00	16,222.00	23,496.00	26,935.00	25,570.00	29,082.00
Elsinore Valley Municipal Water District	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00	12,626.00	24,934.00	29,881.00	26,946.00	30,411.00
March JPA	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00	24,596.00	31,006.00	34,412.00	32,968.00	38,071.00
San Jacinto Agricultural Operators	12,500.00	47,549.00	23,530.58	45,785.00	31,391.00	37,999.65	38,927.00	27,767.00	14,382.00	29,915.00
San Jacinto Dairy & CAFO Operators	12,500.00	16,225.00	-	-	-	2,700.00	2,850.00	-	-	3,000.00
Total	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00	901,952.00
Total Paid Contributions	429,823.00	642,714.00	497,061.58	910,630.00	709,258.00	766,375.65	768,261.00	808,536.00	710,154.00	738,045.00
Total Outstanding Contributions	-	-	-	-	-	-	-	-	-	163,907.00
Total Outstanding Contributions										
CalTrans										39,848.00
City of Moreno Valley										91,977.00
City of San Jacinto										32,082.00
Total Outstanding All Years	-	-	-	-	-	-	-	-	-	163,907.00

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Three Months Ending Friday, September 30, 2022

Assets

Checking - US Bank	\$707,054.42
L.A.I.F.	168,328.48
Accounts Receivable	163,907.00
Total Assets	<u>\$1,039,289.90</u>

Liabilities

Accounts Payable	<u>87,781.61</u>
Total Liabilities	<u>\$87,781.61</u>

Retained Earnings 140,023.75

Excess Revenue over (under) Expenditures \$811,484.54

Total Net Assets \$951,508.29

Total Liabilities and Net Assets \$1,039,289.90

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Three Months Ending Friday, September 30, 2022

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
LAIF Interest	\$0.00	\$0.00	\$1,650.00	0.00%	\$1,650.00
Member Agency Contributions	0.00	196,679.00	274,100.00	71.75%	77,421.00
Other Agency Contributions	0.00	815,273.00	737,851.00	110.49%	(77,422.00)
Total Revenues	\$0.00	\$1,011,952.00	\$1,013,601.00	99.84%	\$1,649.00
Expenses					
Salaries - Regular	4,370.52	20,272.49	61,922.00	32.74%	41,649.51
Payroll Burden	1,835.62	8,514.45	26,007.33	32.74%	17,492.88
Overhead	7,027.80	32,598.16	99,570.67	32.74%	66,972.51
Audit Fees	0.00	1,800.00	5,600.00	32.14%	3,800.00
Consulting - General	32,322.71	124,652.47	712,451.00	17.50%	587,798.53
LEAMS Offset Credit License	0.00	0.00	112,500.00	0.00%	112,500.00
Legal Fees	0.00	0.00	1,100.00	0.00%	1,100.00
Contributions	0.00	10,000.00	10,000.00	100.00%	0.00
Bank Charges	0.00	0.00	1,000.00	0.00%	1,000.00
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Other Expense	0.00	45.59	400.00	11.40%	354.41
Insurance Expense	0.00	2,536.00	3,000.00	84.53%	464.00
Interest Expense	48.30	48.30	200.00	24.15%	151.70
Total Expenditures	\$45,604.95	\$200,467.46	\$1,033,861.00	19.39%	\$833,393.54
Excess Revenue over (under) Expenditures	(\$45,604.95)	\$811,484.54	(\$20,260.00)	-4005.35%	(\$831,744.54)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending September 30, 2022

	JPA Administration	TMDL Task Force	Total	Budget	% Used	Budget Variance
Revenues						
LAIF Interest			-	1,650.00	0.00%	1,650.00
Member Agency Contributions	90,000.00	106,679.00	196,679.00	274,100.00	71.75%	77,421.00
Other Agency Contributions		815,273.00	815,273.00	737,851.00	110.49%	(77,422.00)
Miscellaneous Revenue			-	-	100.00%	-
Total Revenues	\$ 90,000.00	\$ 921,952.00	\$ 1,011,952.00	\$ 1,013,601.00	99.84%	\$ 1,649.00
Expenditures						
Salaries	\$ 8,023.01	\$ 12,249.48	\$ 20,272.49	\$ 61,922.00	32.74%	\$ 41,649.51
Benefits	3,369.66	5,144.79	8,514.45	26,007.33	32.74%	17,492.88
Indirect Costs	12,901.00	19,697.16	32,598.16	99,570.67	32.74%	66,972.51
Audit Fees	1,800.00		1,800.00	5,600.00	32.14%	3,800.00
Consulting	6,958.60	117,693.87	124,652.47	712,451.00	17.50%	587,798.53
Other Contract Services			-	-	0.00%	-
Legal Fees			-	1,100.00	0.00%	1,100.00
Contributions	10,000.00		10,000.00	10,000.00	100.00%	-
Meeting & Conference Expense			-	-	0.00%	-
Bank Charges			-	1,000.00	0.00%	1,000.00
Shipping & Postage			-	50.00	0.00%	50.00
Other Expense	45.59		45.59	400.00	11.40%	354.41
LEAMS Excess Offset Credit			-	112,500.00	0.00%	112,500.00
Insurance Expense	2,536.00		2,536.00	3,000.00	84.53%	464.00
Office Supplies				60.00	0.00%	60.00
Interest Expense	48.30		48.30	200.00	24.15%	151.70
Total Expenditures	\$ 45,682.16	\$ 154,785.30	\$ 200,467.46	\$ 1,033,861.00	19.39%	\$ 833,393.54
Excess Revenue over (under) Expenditures	\$ 44,317.84	\$ 767,166.70	\$ 811,484.54	\$ (20,260.00)	100.00%	\$ (831,744.54)
Cash Balance @ 09/30/2022	\$ 96,354.20	\$ 779,028.70	\$ 875,382.90			

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
September 2022**

Check #	Check Date	Type	Vendor	Check Amount
EFT445	9/1/2022	CHK	CDM Smith Inc	\$ 2,101.00
EFT446	9/8/2022	CHK	Wood Environment & Infrastructure	\$ 30,362.50
EFT447	9/15/2022	CHK	Santa Ana Watershed Project Authority	\$ 32,905.63
EFT448	9/15/2022	CHK	Kahn, Soares & Conway, LLP	\$ 11,797.50
EFT449	9/28/2022	CHK	CDM Smith Inc	\$ 3,669.75
EFT450	9/28/2022	CHK	DeGrave Communications	\$ 4,146.10
Total Disbursements September 2022				<u>\$ 84,982.48</u>

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Lake Elsinore and Canyon Lake TMDL Task Force

August 17, 2022

PARTICIPANTS PRESENT:

Abigail Suter, Riverside County Flood Control & WCD	Pat Boldt, WRCAC
Ankita Vyas, CalTrans	Patrick Lewis, Regional Water Quality Control Board
Barbara Barry, Regional Water Quality Control Board	Rachael Johnson, Riverside County Farm Bureau
Carlos Norvani, City of Lake Elsinore	Rohini Mustafa, Riverside County Flood Control & WCD
Cynthia Gabaldon, City of Menifee, Perris, and March JPA	Rae Beimer, City of Moreno Valley
Chris Stransky, Wood Environmental	Rebekah Guill, Riverside County Flood Control & WCD
Dale Welty, City of Canyon Lake	Richard Boon, Riverside County Flood Control & WCD
Dave Woelfel, Regional Water Quality Control Board	Richard Meyerhoff, GEI Consultants
Dan Cortese, City of Hemet	Scott Sewell, CDFW
Doug Edwards, Eastern Municipal Water District	Stefan Awender, CDFW
Garth Engelhorn, NV5	Stormy Osifeso, City of Riverside
James Klang, TBL Consultants	Steven Wolosoff, CDM Smith
John Rudolph, Wood Environmental	SueAnn Neal, Regional Water Quality Control Board
Kayla Urbina	Sudhir Mohleji, Elsinore Valley Municipal Water District
Liselle DeGrave, DeGrave Communications	Tess Dunham, Kahn, Soares & Conway, LLP
Lynn Merrill, City of San Jacinto	T. Milford Harrison, SAWPA
Lauren Sotelo, March JPA	Bruce Whitaker, SAWPA
Lenai Hunter, Elsinore Valley Municipal Water District	Mark Norton, SAWPA
Maria Arreguin, City of Perris	Rick Whetsel, SAWPA
Mike Roberts, City of Riverside	Haley Mullay, SAWPA
Natasha Thandi	

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task (Task Force) meeting was called to order at 1:12 p.m. by Mark Morton, Task Force Chair, with all participants participating remotely, due to COVID-19 related social distancing restrictions.

Approval of Meeting Notes from March 2, 2022 Task Force Meeting

The June 27, 2022 meeting notes were approved, with the addition of Scott Sewell CDFW to the participants list.

Status: Regional Board Update (Regional Board)

Barbara Barry, of Regional Board, provided an update on the Regional Board's F-HAB monitoring for Lake Elsinore. Recent monitoring results for microcystin have resulted in the warning level signage to be posted around the lake. At this level, Regional Board is recommending recreators not to swim in the water. Fishing is still fine, but it is recommended that the fish be cleaned, filleted and the guts thrown away.

Regional Board is continuing to monitor and staff did note some scums and discolored water along the shore. Regional Board staff will continue tracking the bloom as it progresses.

Barbara also noted that there has been surprising interest from news outlets for interviews and questions from the public regarding the presence of cyano bacteria at both Lake Elsinore and Big Bear lakes.

Action Item: Final Review and Approval of Key Principles Document (Tess Dunham /KSC)

Tess Dunham, of Kahn, Soares, and Conway, presented a final draft Key Principles document for approval by the Task Force. This revised document incorporated language to address the provision regarding the level of commitment from Regional Board staff, considering the time and effort by the Task Force to revise the technical TMDL document, to bring an amendment forward to the waterboard for consideration.

Following brief discussion it was proposed that the Task Force, approve the revised language and execution of the Key Principles document by Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force.

Pat Boldt, of WRCAC, moved a motion; Lynn Merrill, of City of San Jacinto, second the motion.

MOVED, to approve execution of the Key Principles for Technical TMDL Revision by Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force.

Discussion: Next Steps for the TMDL Implementation Plan (Tess Dunham /KSC and Steve Wolosoff CDM Smith)
Tess Dunham, of Kahn, Soares, and Conway, LLP, continued discussion on the next steps for the TMDL Implementation Plan. Topics for discussion included:

- Update on Proposed Tasks presented at the June 27, 2022 meeting,
- Potential inclusion of language to provide guidance re: How waste load and load allocations should be expressed in permitting actions,
- Offset language, and
- Approaches for demonstrating attainment of waste load and load allocations

The next steps by the consulting team, following today's meeting, include preparing for review, input and comment by stakeholders draft narrative text by September 16, 2022 in preparation of discussion at the September 27th Task Force meeting. Once tasks are further defined by the Task Force the consulting team will prepare estimates of the costs to implement tasks (on an annual basis).

Next, it was proposed that the Task Force, approve a proposal by CDM Smith to update and revise the TMDL technical document including additional scope for the balance of 2022-23 TMDL technical support services. Each of these items were budgeted in the current FY 2022-23 Task Force Budget.

Following brief discussion, it was proposed that the Task Force, approve the proposal by CDM Smith to update and revise the technical document. including additional TMDL technical support services and authorize staff to recommend the LESJWA Board to approve a Task Order for CDM Smith for an amount not to exceed \$138,300.

Mike Roberts, of the City of Riverside, moved a motion; Pat Boldt, of WRCAC, second the motion.

MOVED, to approve a proposal by CDM Smith and a recommendation to the LESJWA Board to authorize a Task Order to update and revise the technical document and additional TMDL technical support services.

A copy of this presentation is available on the SAWPA website under Agendas and Meeting Materials:
<https://sawpa.org/wp-content/uploads/2022/08/2022-8-17-Tess-LECL-TMDL-TF-meeting.pdf>

Update: Lake Elsinore Innovative Algae Harvesting Technologies (Prop 1 grant funded) (John Rudolph and Chris Stransky /Wood Environmental)

Chris Stransky, of Wood Environmental provided a status update on the Lake Elsinore Algae Treatability Pilot Study awarded to the City of lake Elsinore through a Prop 1 IRWM Grant for \$297K. This study, managed by Wood Environmental for the City includes the following objectives:

1. Explore and evaluate the use and effectiveness of a suite of in-situ algae removal/ reduction technologies at Lake Elsinore through a series of controlled pilot studies.
2. Ensure high quality water for people and the environment. Removal of algae will reduce concentrations of chlorophyll a, increase water clarity, and reduce the potential release of harmful toxins. Physical extraction also removes nitrogen and phosphorus mass from the Lake.
3. Protect beneficial uses (recreation, warm aquatic freshwater habitat, and wildlife habitat) attain water quality standards, and total maximum daily loads (TMDLs).

Wood Environmental considered a number of vendors and technologies for pilot testing, selecting Four to participate in the pilot study.

These included the following treatments/technologies (vendor):

1. Chemical Treatments (EutroPHIX/ SePro)
2. Microbial Treatment (BioCleaner)
3. Nanobubble Technology (Moleaer/Aquatechnex)
4. Hydronucleation Floatation Technology. Algae Bioharvesting (AECOM)

The pilot testing will take place in-lake in individual 20 foot by 20 foot squared off areas located adjacent to the Launch Pointe Boat Ramp. Testing is scheduled to begin September and continue through November 2022, with each treatments (Biocleaner, Moleaer, and EutroPHIX) to be conducted over a 4-6 week period simultaneously. Monitoring of these treatments includes weekly water column sampling conducted both inside and outside of each curtained treatment area.

The AECOM Hydronucleation Floatation Technology will be conducted separately and include only laboratory bench scale testing of in-lake water quality samples.

Data analysis and reporting is anticipated to begin in October 2022 and be completed by April 2023.

A copy of this presentation is available on the SAWPA website under Agendas and Meeting Materials: https://sawpa.org/wp-content/uploads/2022/08/2022-8-17-Wood_City-of-Lake-Elsinore-Prop-1-Grant-Overview.pdf

Task Force Administration (LESJWA Staff)

Status of Amendment signatures

Rick Whetsel informed the Task Force that to date, more than half of the signatures have been received. Staff will continue to follow-up with Task Force members that have not yet responded.

Other Business

Maria Arreguin, of City of Perris informed the Task Force that she is moving on and that Michael Morales will be representing the City of Perris moving forward.

Schedule Next Meeting

The next LE/CL TMDL Task Force meeting is scheduled for Tuesday, September 27, 2022, at 9:30 a.m. as a remote Zoom meeting.

Adjourn

The meeting adjourned at 3:35 p.m.

Table Summary of Agreements and Actions

Date of Action/Agreement	Action/Agreement	Responsible Entities Reaching Agreement
September 28, 2021	<ul style="list-style-type: none"> • Approve funding in the amount of up to \$30,000 to CDM Smith to assist Task Force technical issues, including but not limited to, initial discussions regarding content and scope of TMDL Implementation Plan revisions should the Task Force decide to provide resources for further revising the 2018 draft TMDL. 	Voting Task Force members.
November 3, 2021	<ul style="list-style-type: none"> • Approve moving forward with the proposed step-wise approach to updating the TMDL Technical Report and its timeline. 	Voting Task Force members
January 10, 2022	-	-
March 2, 2022	<ul style="list-style-type: none"> • The Task Force agreed to submit a comment letter to the Draft Staff Working Proposal for MS4 Permit by March 18, 2022. Regional Board confirmed that they would accept the comments past their soft deadline of March 10. • Approved the alum application to the Canyon Lake if the February monitoring data exceeds 0.09. 	Voting Task Force members
April 20, 2022	<ul style="list-style-type: none"> • Approved execution of the Key Principles for Technical TMDL Revision by Mark, Norton Task Force Administrator on behalf of the voting members of the task force subject to revisions discussed at the 4/20/2022 task force meeting. • Approved submittal of the Task Force Comment letter to Regional Board on the Staff Working Proposal for the MS4 Permit upon revision discussed at the 4/20/2022 task force meeting. Regional Board abstained from action and conversation of this matter. • Approved amendment #3 to extend the LE/CL TMDL Task Force Agreement for a period of three years to June 30, 2025, with the option that the Agreement, while still in full force and effect, may be extended an additional two years, to June 30, 2027, by means of Administrative Action by the Task Force Administrator 	Voting Task Force members; Excludes Regional Board in relation to the Comment Letter to Regional Board on the Staff Working Proposal for the MS4 Permit.
June 27, 2022	-	-
August 17, 2022	<ul style="list-style-type: none"> • Approved execution of the Key Principles for Technical TMDL Revision by Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force. • Approved a proposal by CDM Smith and a recommendation to the LESJWA Board to authorize a Task Order to update and revise the technical document and additional TMDL technical support services. 	Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force

Lake Elsinore and Canyon Lake TMDL Task Force

September 27, 2022

PARTICIPANTS PRESENT:

Aldo Licitra, Riverside County Flood Control & WCD	Lenai Hunter, Elsinore Valley Municipal Water District
Barbara Barry, Regional Water Quality Control Board	Natasha Thandi, MBI/Caltrans
Ben Foster, City of Lake Elsinore	Nicholas Jernack, WSP USA
Carlos Norvani, City of Lake Elsinore	Pat Boldt, WRCAC
Chris Stransky, WSP USA	Paula Kulis, CDM Smith
Cynthia Gabaldon, City of Menifee, Perris, and March JPA	Rohini Mustafa, Riverside County Flood Control & WCD
Dave Woelfel, Regional Water Quality Control Board	Rae Beimer, City of Moreno Valley
Dan Cortese, City of Hemet	Richard Meyerhoff, GEI Consultants
Dustin Christensen, City of Beaumont	Steven Wolosoff, CDM Smith
Garth Engelhorn, NV5	Sudhir Mohleji, Elsinore Valley Municipal Water District
James Klang, TBL Consultants	Tess Dunham, Kahn, Soares & Conway, LLP
John Rudolph, WSP USA	Bruce Whitaker, SAWPA
Kayla Urbina	Mark Norton, SAWPA
Liselle DeGrave, DeGrave Communications	Rick Whetsel, SAWPA
Lynn Merrill, City of San Jacinto	Zyanya Ramirez, SAWPA
Lauren Sotelo, March JPA	

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task (Task Force) meeting was called to order at 9:33 a.m. by Mark Morton, Task Force Chair, with all participants participating remotely, due to COVID-19 related social distancing restrictions.

Approval of Meeting Notes from August 17, 2022 Task Force Meeting

The August 17, 2022 meeting notes were approved as posted.

Status: Regional Board Update (Regional Board)

Barbara Barry, Regional Board, provided an update on the Regional Board's F-HAB monitoring for Lake Elsinore. She informed the Task Force that based upon the most recent results from the September monitoring for microcystin "Danger" level signage was posted around the lake. At this level, the City has closed the Lake for water contact level recreation and with continued high temperatures it is expected that the blooms persist. It is hoped that as the weather cools the blooms will dissipate.

Regional Board is to conduct four more sampling events to complete their monitoring in November.

Ben Foster, of the City of Lake Elsinore confirmed that the lake is still closed pending new results expected in the near future.

Presentation: Annual Water Quality Monitoring Review (John Rudolph, WSP USA and Garth Engelhorn, NV5)

John Rudolph, WSP USA and Garth Engelhorn, NV5 teamed up to provide a presentation on the results of 2021-2022 Annual LE&CL TMDLs compliance monitoring program. Garth began by providing a review of the San Jacinto watershed wide flow and water quality monitoring and was followed by John providing a review of Canyon Lake and Lake Elsinore in lake monitoring.

WSP USA is currently working to address stakeholder comments and finalize the annual monitoring report.

A copy of this presentation is available on the SAWPA website under Agendas and Meeting Materials:
https://sawpa.org/wp-content/uploads/2022/09/2021-2022-LECL-Annual-TMDL-Summary_092722.pdf

Update: TMDL Implementation Plan (Tess Dunham, KSC and Steve Wolosoff, CDM Smith)

Tess Dunham, of Kahn, Soares, and Conway, LLP, presented a draft document outline, which she referred to as “Attachment A.” This document outlines the language changes in the Basin Plan and is to accompany the draft resolution to amend Santa Ana River Basin Plan to revise the LE&CL TMDLs. This document is different than the TMDL Technical document, which supports the revisions to the Basin Plan.

After walking through the draft outline for the Attachment A document, she then went through to review each of the proposed Phase II (years 1-20) Tasks.

Follow-up to Tess’s presentation there were a number of questions, comments and a great deal of discussion related to the Translation/Expression of Wasteload and Load Allocations (items J. and K.). The consulting team will continue to work on the language regarding these items and will discuss further at the next Task Force meeting.

- J. Translation/Expression of Wasteload Allocations into NPDES Permits
 - a. Elsinore Valley Municipal Water District
 - b. Municipal Storm Sewer Systems
 - c. Confined Animal Feeding Operations
- K. Translation/Expression of Load Allocations into Waste Discharge Requirements and Conditional Waivers

Pat Boldt requested, under Task 2, that in addition to the CWAD that the non-dairy CAFO Order be addressed.

Tess requested feedback and comments on the draft Attachment A document from the Task Force in two weeks (by October 11th).

The next steps by the consulting team, following today’s meeting, include the further development of the amendment language. Once this language is finalized the consulting team will prepare estimates of the costs to implement tasks (on an annual basis) and begin work on the TMDL Technical document.

A copy of Tess’s handout is available on the SAWPA website under Agendas and Meeting Materials:
https://sawpa.org/wp-content/uploads/2022/09/Draft-Attachment-A-Version-1-09_23_2022-rw.docx

Update: Fall 2022 Canyon Lake Alum Application (LESJWA Staff)

Rick Whetsel informed the Task Force that the fall 2022 Canyon Lake alum application is scheduled for week of October 10 to 14th. The Technical Committee is currently coordinating on all activities associated with the project.

Staff will follow-up with a summary report at the next Task Force meeting.

Update: Lake Elsinore Lake Elsinore Algae Harvesting

Prop 1 Rd 1 grant funded Innovative Algae Harvesting Technologies (WSP USA)

John Rudolph, of WSP USA provided a presentation to update the Task Force on the Lake Elsinore Algae Treatability Pilot Study awarded to the City of Lake Elsinore through a Prop 1 IRWM Grant. This included an overview of project, the treatment technologies being piloted and the next steps.

In-lake pilot testing began in September and will continue through November. The City has scheduled a public outreach event “Dock Day” for October 8th from 9:00 to 11:00 am. Data analysis and reporting is anticipated to begin in November 2022 and be completed by April 2023.

A copy of this presentation is available on the SAWPA website under Agendas and Meeting Materials:
https://sawpa.org/wp-content/uploads/2022/09/LE-Algal-Pilot-Study_092322.pdf

Prop 1 Rd 2 grant application AECOM Algae Harvesting Technology (LESJWA Staff)

Rick Whetsel provided a brief update on the Prop 1 Rd 2 grant application for the installation of AECOM Algae Harvesting Technology unit at Lake Elsinore. The grant application was recommended for funding by the

SAWPA OWOW Steering Committee and an application for funding will be prepared for submittal to DWR pending the securing of match funding by the City of Lake Elsinore.

The Project budgeted at \$3M (\$1.5 in grant funding and \$1.5 in local match) includes the installation of a single AECOM Algae Harvesting Technology unit at Lake Elsinore and one year of operation and maintenance by AECOM staff.

Task Force Administration (LESJWA Staff)

Status of Amendment signatures

Rick Whetsel informed the Task Force that staff is near complete in collecting signatures and expects to have the amendment finalized within the month.

Steven Wolosoff transition from CDM Smith to GEI Consultants

Next, a new item was added to the agenda for Task Force members to discuss the potential impacts to work being conducted by CDM Smith for the LE&CL TMDL Task Force following the announcement by Steven Wolosoff that he will be leaving CDM Smith and taking a new position with GEI Consultants. Consultant staff representing CDM Smith and GEI were requested to step off of the call and return when discussion was completed.

The recommendation of Task Force members in light of this change is for CDM Smith, due to Steven Wolosoff's specialized understanding and background of the LE/CL TMDL Technical document, to turn over the primary work to GEI Consultants through the end of this calendar year and that starting Jan. 1, 2023, the contract with CDM Smith would end.

Staff will follow-up with representatives of each consulting firm to address any contractual changes and report back to the Task Force.

Other Business

No other Business.

Schedule Next Meeting

The next LE/CL TMDL Task Force meeting is scheduled for Monday, November 14, 2022, at 9:30 a.m. as a remote Zoom meeting.

Adjourn

The meeting adjourned at 11:45 a.m.

Table Summary of Agreements and Actions

Date of Action/Agreement	Action/Agreement	Responsible Entities Reaching Agreement
September 28, 2021	<ul style="list-style-type: none"> • Approve funding in the amount of up to \$30,000 to CDM Smith to assist Task Force technical issues, including but not limited to, initial discussions regarding content and scope of TMDL Implementation Plan revisions should the Task Force decide to provide resources for further revising the 2018 draft TMDL. 	Voting Task Force members.
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March 2, 2022	<ul style="list-style-type: none"> • The Task Force agreed to submit a comment letter to the Draft Staff Working Proposal for MS4 Permit by March 18, 2022. Regional Board confirmed that they would accept the comments past their soft deadline of March 10. • Approved the alum application to the Canyon Lake if the February monitoring data exceeds 0.09. 	Voting Task Force members
April 20, 2022	<ul style="list-style-type: none"> • Approved execution of the Key Principles for Technical TMDL Revision by Mark, Norton Task Force Administrator on behalf of the voting members of the task force subject to revisions discussed at the 4/20/2022 task force meeting. • Approved submittal of the Task Force Comment letter to Regional Board on the Staff Working Proposal for the MS4 Permit upon revision discussed at the 4/20/2022 task force meeting. Regional Board abstained from action and conversation of this matter. • Approved amendment #3 to extend the LE/CL TMDL Task Force Agreement for a period of three years to June 30, 2025, with the option that the Agreement, while still in full force and effect, may be extended an additional two years, to June 30, 2027, by means of Administrative Action by the Task Force Administrator 	Voting Task Force members; Excludes Regional Board in relation to the Comment Letter to Regional Board on the Staff Working Proposal for the MS4 Permit.
June 27, 2022	-	-
August 17, 2022	<ul style="list-style-type: none"> • Approved execution of the Key Principles for Technical TMDL Revision by Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force. • Approved a proposal by CDM Smith and a recommendation to the LESJWA Board to authorize a Task Order to update and revise the technical document and additional TMDL technical support services. 	Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force
September 27, 2022	-	-

Lake Elsinore and Canyon Lake TMDL Task Force

November 14, 2022

PARTICIPANTS PRESENT:

Abigail Suter, Riverside County Flood Control & WCD	O. Pearson
Alberto Acevedo, CDM Smith	Pat Boldt, WRCAC
Alexander Wells	Patrick Lewis, Regional Water Quality Control Board
Barbara Barry, Regional Water Quality Control Board	Paul Anderson, Bluewater Renewable Energy
Ben Foster, City of Lake Elsinore	Paul Senker, GEI Consultants
Carlos Norvani, City of Lake Elsinore	Paula Kulis, CDM Smith
Chris Stransky, WSP USA	Rachael Johnson, Riverside County Farm Bureau
Cynthia Gabaldon, City of Menifee, Perris, and March JPA	Rae Beimer, City of Moreno Valley
Dave Woelfel, Regional Water Quality Control Board	Richard Meyerhoff, GEI Consultants
Dan Cortese, City of Hemet	Rohini Mustafa, Riverside County Flood Control & WCD
Dustin Christensen, City of Beaumont	Scott Sewell, CDFW
Garth Engelhorn, NV5	Stefan Awender, CDFW
James Klang, TBL Consultants	Steven Wolosoff, GEI Consultants
Johnathan Oliver Skinner, City of Lake Elsinore	Stormy Osifeso, City of Riverside
Kayla Urbina, Weldon/City of Canyon Lake	Sudhir Mohleji, Elsinore Valley Municipal Water District
Kris Hanson, Interwest/City of Wildomar	Tess Dunham, Kahn, Soares & Conway, LLP
Lauren Briggs, Regional Water Quality Control Board	T Milford Harrison, SAWPA
Lenai Hunter, Elsinore Valley Municipal Water District	Mark Norton, SAWPA
Lynn Merrill, City of San Jacinto	Rachel Gray, SAWPA
Michael Anderson, Anderson Consulting	Rick Whetsel, SAWPA
Natasha Thandi, MBI/Caltrans	

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task (Task Force) meeting was called to order at 9:31 a.m. by Mark Morton , Task Force Chair, with all participants participating remotely, due to COVID-19 related social distancing restrictions.

Approval of Meeting Notes from September 27, 2022 Task Force Meeting

The September 27, 2022 meeting notes were approved as posted.

Status: Regional Board Update (Regional Board)

Barbara Barry, Regional Board, provided an update on the Regional Board’s F-HAB monitoring for Lake Elsinore. She informed the Task Force that based upon the most recent results available from the October monitoring for microcystin “Danger” level signage was posted around the lake. At this level, the City has closed the Lake for water contact level recreation, fishing and boating. With expected cool fall season temperatures it is expected that the microcystin levels will decrease.

Regional Board staff is still awaiting the results from the latest sampling and will update the City of Lake Elsinore and LE&CL TMDL Task Force when those results are available.

Regional Board is to complete their monitoring in November.

Presentation: Bluewater Renewable Energy Storage Project (formerly LEAPS) (David Pfeiffer and Paul Anderson, Bluewater Renewable Energy LLC)

Paul Anderson, Bluewater Renewable Energy provided a presentation on the re-envisioned Lake Elsinore Renewable Energy Storage Project (formerly LEAPS). This included information about the new ownership group and their vision for the project, key project benefits, and next steps.

Following his presentation, Mr. Anderson fielded a number of questions from stakeholders and Regional Board staff including the following:

- Use of State Project Water in start-up and make-up water to Lake Elsinore?
- Anticipated volume of water and corresponding nutrient load to be added to lake Elsinore on a daily basis?
- Enhancements to in-lake water quality treatment?
- Will the constructed reservoir provide additional recreational benefits?
- Has project considered the potential increase in the release of cyanotoxins due to cell lysing?
- Has project examined the potential for the entrainment of fish and zooplankton in the system in-take?
- Has project examined the potential flooding impacts from a 100 year storm event?
- Has project examined the potential impacts from increased turbidity from the project?

A copy of this presentation is available on the SAWPA website under Agendas and Meeting Materials: <https://sawpa.org/wp-content/uploads/2022/11/2022-11-14-Bluewater-Renewable-Energy-Storage-Project-TMDL-Task-Forcerev.pdf>.

Update: TMDL Implementation Plan (Tess Dunham, KSC and Steve Wolosoff, CDM Smith)

Tess Dunham, of Kahn, Soares, and Conway, LLP, presented an update on the efforts of the consulting team to work on the narrative text for the proposed TMDL Implementation tasks and address comments provided by Regional Board staff on the draft Outline and Tasks.

Tess again shared the draft outline and list of Phase 1, 2 and 3 Tasks presented at the last task Force meeting informing the Task Force that Regional Board staff did not have significant comments on the Tasks laid out for Phases 1 and 2, as a number of these tasks have already been completed or are currently being worked on by the Task Force.

The focus of the consultant team moving forward between now and the next task Force meeting will be to further define what the work will look like in Phase 3, years 21 through 30, and bring that back to the Task Force for discussion at the next meeting.

Tess will be reaching out to schedule individual conversations with task force members and requested any additional feedback and comments on the draft Outline and Tasks be submitted to her and the consultant team as soon as possible.

Next step is for Tess and the consultant team to get a draft document out for stakeholders to review the week following thanksgiving.

A copy of the draft outline is available on the SAWPA website under Agendas and Meeting Materials: https://sawpa.org/wp-content/uploads/2022/09/Draft-Attachment-A-Version-1-09_23_2022-rw.docx

Update: Fall 2022 Canyon Lake Alum Application (LESJWA Staff)

Rick Whetsel informed the Task Force that the fall 2022 Canyon Lake alum application conducted the week of October 10 to 14th. was successfully completed, with no issues or incidents reported.

The Task Force will initiate discussion regarding a Spring 2023 alum application in February 2023.

Update: Lake Elsinore Lake Elsinore Algae Harvesting

Prop 1 Rd 1 grant funded Innovative Algae Harvesting Technologies (WSP USA)

Chris Stransky, WSP USA provided a brief update to the Task Force on the Lake Elsinore Algae Treatability Pilot Study awarded to the City of Lake Elsinore through a Prop 1 IRWM Grant.

To date, in-lake pilot testing has proceeded without incident and is scheduled to conclude in November. A draft analysis report is expected to be available for stakeholder review and comment by the end of December.

Prop 1 Rd 2 grant application AECOM Algae Harvesting Technology (LESJWA Staff)

Rick Whetsel provided a brief update on the Prop 1 Rd 2 grant application for the installation of AECOM Algae Harvesting Technology unit at Lake Elsinore. , Noting that LESJWA is awaiting a decision by the City of lake Elsinore on a commitment of matching funds for the project is to proceed either as a full implementation project or as a pilot study... or if the project is to be tabled for future consideration.

Ben Foster, City of lake Elsinore informed the Task force that this decision is in the hands of the City Manager and City Council and that a decision is expected to be provided to SAWPA by November 15th.

Task Force Administration (LESJWA Staff)

Draft FY 2023-24 Budget

Rick Whetsel shared a preliminary draft FY 2023-24 budget with the Task Force highlighting that placeholder values have been used for the consultant support tasks, due to the need to amend consultant contracts expiring at the end of FY 2022-23. This includes the Task Order for Regulatory Support by Tess Dunham, which Mark Norton is currently working to extend for all of the SAWPA /LESJWA Task Forces and the Task Order to oversee and implement TMDL Compliance Monitoring Program with WSP USA, which includes an option to exercise a two year extension.

Additionally, WSP USA noted several possible cost saving items for stakeholders to consider for the FY 2023-24 Compliance monitoring program.

Following brief discussion staff was requested to distribute today's draft budget to serve as a starting point for city managers and continue to work with Task Force consultants to develop a formal draft FY 2023-24 Task Force budget to be presented at the next meeting

Mark reminded stakeholders that the recommendation of the Task Force at last month's meeting was to make a clean break at the start of the new year to transition the contract work supported by Steven Wolosoff from CDM Smith to GEI Consultants. This recommendation has been discussed and approved by both management at CDM Smith and GEI Consultants. Today Mark is looking for a motion by the Task Force to authorize LESJWA staff to take this recommendation to the LESJWA Board for approval. Rick Whetsel recommended that the Task Force consider in this motion the option to exercise a two year extension with WSP USA to oversee and implement TMDL Compliance Monitoring Program.

Lynn Merrill, of City of San Jacinto, moved a motion; Pat Boldt, of WRCAC, seconded the motion.

MOVED, motion for staff to take the formal recommendation of the Task Force to the LESJWA Board for approval to 1) transfer the remaining balance of the contract work supported by Steven Wolosoff as of December 31 2022 from CDM Smith and enter into an agreement with GEI Consultants to complete this work starting on January 1 2023; and 2) exercise an option for a two year extension with WSP USA to oversee and implement TMDL Compliance Monitoring Program.

Status of Amendment #2 signatures

Rick Whetsel informed the Task Force that all signatures have been received and the fully executed amendment has been distributed to the Task Force.

Status of FY 2022-23 Stakeholder Invoices

Rick Whetsel informed the Task Force that only a few outstanding FY 2022-23 Stakeholder contributions and expects these to come in soon, now that the signed Amendment #2 has been distributed to Task Force members.

Reminders will be sent out next week for any remaining outstanding FY 2022-23 Stakeholder contributions.

Other Business

No other Business.

Schedule Next Meeting

The next LE/CL TMDL Task Force meeting is scheduled for Tuesday, January 10, 2023, at 9:30 a.m. as a remote Zoom meeting.

Adjourn

The meeting adjourned at 11:15 a.m.

DRAFT

Table Summary of Agreements and Actions

Date of Action/Agreement	Action/Agreement	Responsible Entities Reaching Agreement
September 28, 2021	<ul style="list-style-type: none"> Approve funding in the amount of up to \$30,000 to CDM Smith to assist Task Force technical issues, including but not limited to, initial discussions regarding content and scope of TMDL Implementation Plan revisions should the Task Force decide to provide resources for further revising the 2018 draft TMDL. 	Voting Task Force members.
November 3, 2021	<ul style="list-style-type: none"> Approve moving forward with the proposed step-wise approach to updating the TMDL Technical Report and its timeline. 	Voting Task Force members
January 10, 2022	-	-
March 2, 2022	<ul style="list-style-type: none"> The Task Force agreed to submit a comment letter to the Draft Staff Working Proposal for MS4 Permit by March 18, 2022. Regional Board confirmed that they would accept the comments past their soft deadline of March 10. Approved the alum application to the Canyon Lake if the February monitoring data exceeds 0.09. 	Voting Task Force members
April 20, 2022	<ul style="list-style-type: none"> Approved execution of the Key Principles for Technical TMDL Revision by Mark, Norton Task Force Administrator on behalf of the voting members of the task force subject to revisions discussed at the 4/20/2022 task force meeting. Approved submittal of the Task Force Comment letter to Regional Board on the Staff Working Proposal for the MS4 Permit upon revision discussed at the 4/20/2022 task force meeting. Regional Board abstained from action and conversation of this matter. Approved amendment #3 to extend the LE/CL TMDL Task Force Agreement for a period of three years to June 30, 2025, with the option that the Agreement, while still in full force and effect, may be extended an additional two years, to June 30, 2027, by means of Administrative Action by the Task Force Administrator 	Voting Task Force members; Excludes Regional Board in relation to the Comment Letter to Regional Board on the Staff Working Proposal for the MS4 Permit.
June 27, 2022	-	-
August 17, 2022	<ul style="list-style-type: none"> Approved execution of the Key Principles for Technical TMDL Revision by Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force. Approved a proposal by CDM Smith and a recommendation to the LESJWA Board to authorize a Task Order to update and revise the technical document and additional TMDL technical support services. 	Mark Norton, Task Force Administrator on behalf of the voting members of the LE&CL TMDL Task Force
September 27, 2022	-	-
November 14, 2022	<ul style="list-style-type: none"> Transfer the remaining balance of the contract work supported by Steven Wolosoff as of December 31, 2022 from CDM Smith and enter into an agreement with GEI Consultants to complete work starting on January 1 2023. Exercise an option for a two year extension with WSP USA to oversee and implement TMDL Compliance Monitoring Program. 	Voting Task Force members

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LESJWA BOARD MEMORANDUM NO. 2022.23

DATE: December 15, 2022
TO: LESJWA Board of Directors
SUBJECT: Authorize Resolution in Memoriam of Director Phil Williams
PREPARED BY: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

That the LESJWA Board of Directors authorize Resolution LES2022-04 in memoriam of Director Phil Williams for his many contributions and years of public service.

DISCUSSION

On November 20, 2022, Director Phil Williams passed away. Staff recommends adoption of the attached resolution in memoriam of Director Williams.

RESOURCE IMPACTS

None.

Attachments:

1. Resolution LES2022-04

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RESOLUTION NO. LES2022-04

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LAKE ELSINORE AND SAN JACINTO WATERSHEDS AUTHORITY (LESJWA) IN MEMORIAM – PHIL WILLIAMS

WHEREAS, Phil Williams served with distinction as the Elsinore Valley Municipal Water District representative to the Lake Elsinore and San Jacinto Watersheds Authority Board of Directors for twenty years, including multiple terms as Board Chair; and

WHEREAS, Phil Williams provided firm, focused leadership during determinative evolutionary periods of the Lake Elsinore and San Jacinto Watersheds Authority; and

WHEREAS, Phil Williams championed and directed numerous significant and far-reaching accomplishments during his tenure, including:

- Unprecedented cooperation of numerous scientists and water quality experts to implement projects that aim to improve water quality and wildlife habitats in the Lake Elsinore, Canyon Lake, and San Jacinto River Watershed;
- Prioritized fiscal responsibility and increased education and assistance opportunities for the communities of the Lake Elsinore, Canyon Lake, and San Jacinto River Watershed;
- Help develop and implement the Lake Elsinore Fishery Survey and Management Plan, Lake Elsinore Carp Removal Project, Island Well Pump Station Improvements, the Lake Elsinore Stripped Bass Stocking, the Lake Elsinore Destratification and Mixing Systems, Recycled Water Nutrient Removal and Conveyance Pipeline, the Lake Elsinore Habitat Improvements, the Canyon Lake Alum Applications, and the Canyon Lake Dredging Project;
- Supported and adopted the “One Water One Watershed” Santa Ana River Watershed Integrated Regional Water Management Plan by LESJWA for the benefit of the residents of the entire Santa Ana River Watershed, Lake Elsinore Watershed, and San Jacinto Watershed;
- Helped secure \$500,000 in Proposition 84 – IRWM Round 2 grant funding for the Canyon Lake Alum Treatment Program which reduced the total phosphorus concentration in Canyon Lake by approximately 50%;

WHEREAS, on November 20, 2022, Phil Williams passed from this life concluding twenty-three years dedicated to public service at the state, regional and local level; and

WHEREAS, the Lake Elsinore and San Jacinto Watersheds Authority Board of Directors and staff wish to pay tribute to the memory of Phil Williams and his camaraderie over these years of similarity of pursuits.

NOW, THEREFORE, BE IT RESOLVED by the Lake Elsinore and San Jacinto Watersheds Authority Board of Directors as follows:

1. That the Lake Elsinore and San Jacinto Watersheds Authority Board of Directors and staff acknowledge the wide-ranging contributions of Director Phil Williams to provide an adequate, reliable, high-quality water supply through environmentally responsible measures within the Lake Elsinore and San Jacinto Watersheds; and,

2. That the Lake Elsinore and San Jacinto Watersheds Authority Board of Directors and staff mourn the passing of Director Phil Williams and do hereby express their deepest sympathy to his family; and,

3. That a copy of this Resolution No. LES2022-04 be entered into the records of the Lake Elsinore and San Jacinto Watersheds Authority Board of Directors and an original presented to his family.

ADOPTED this 15st day of December, 2022.

LAKE ELSINORE AND SAN JACINTO WATERSHEDS AUTHORITY

Dale Welty, City of Canyon Lake

Robert E. Magee, City of Lake Elsinore

Kevin D. Jeffries, County of Riverside

Brenda Dennstedt, Santa Ana Watershed
Project Authority

Andrew Morris, Elsinore Valley Municipal
Water District

Mark Norton, LESJWA Authority Administrator

LESJWA BOARD MEMORANDUM NO. 2022.24

DATE: December 15, 2022
TO: LESJWA Board of Directors
SUBJECT: Grant Application for Lake Elsinore Pilot Project
PREPARED BY: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors authorize the following:

1. Adopt Resolution No. LES2022-05 to adopt the SAWPA OWOW Plan required for the grant application.
2. Submittal of the LESJWA grant application for \$1.5 Million in grant funding for the Lake Elsinore Algae Harvesting and Nutrient Removal Pilot Project from the OWOW DWR Proposition 1 Round 2 IRWM Implementation grant, subject to local cost share funding and project approval by the City of Lake Elsinore at the December 13th City Council meeting.
3. Provide in-kind LESJWA staff support, approximate \$50,000 value, for assistance in application and administration of the project.

BACKGROUND

In April 2022, LESJWA staff submitted a grant application for the Lake Elsinore Algae Harvesting and Nutrient Removal Pilot Project to SAWPA under their OWOW Call for Projects seeking grant funding from Proposition 1 Integrated Regional Water Management Program Round 2 Implementation Grant. Based on previous grant preparation work and working particularly with the City of Lake Elsinore and its consultant, AECOM, the Prop 1 Round 2 grant could provide important funding to implement an innovative algal harvesting technology to address impacts of harmful algal blooms (HABs) in Lake Elsinore. The project is seeking \$1.5 million in grant funding and would be matched by local funding of \$1.5 million expected from the City of Lake Elsinore. The City is working with AECOM who proposed the pilot and would serve as the operator for the project. The project is described as a three-year pilot project since it is envisioned to treat about 1 MGD of lake water as a pilot technology.

Working with the City of LE staff, LESJWA staff agreed to serve as the contractual lead and project proponent for the project application as part of the rating and ranking process conducted by SAWPA. The project was subsequently ranked sufficiently high to be recommended by SAWPA for grant funding. Since the project is dependent primarily on 50% local funding match from the City, the City would prefer to partner with other agencies such as LESJWA and its member agencies. A request by email was made to LESJWA from the Lake Elsinore City Manager, Jason Simpson, for local funding support from LESJWA of \$500,000. (See attached email) Staff has indicated that due to limited resources and the late timing of this request, limited local match can be provided. LESJWA staff is recommending that LESJWA provide \$50,000 of in-kind staff support only over the three-year term of the project. City of LE staff will be making a recommendation to the City of Lake Elsinore City Council on Dec 13, 2022. The grant funding would not likely be available until late 2023 and would be available on a reimbursement basis after contracts are executed.

Work also continues by the City of Lake Elsinore on a separate Prop 1 Round 1 IRWM grant funded project to evaluate various algal treatments and removal technologies for improvements in Lake Elsinore in addressing fish kills and toxic algae conditions are still available. The consultant, WSC USA (formerly Wood Environmental Inc.) has been hired by the City of Lake Elsinore, to assist with the implementation of the Round 1 study. The results of that work will explore other lake treatment technologies, but results will not be available until the end of the year.

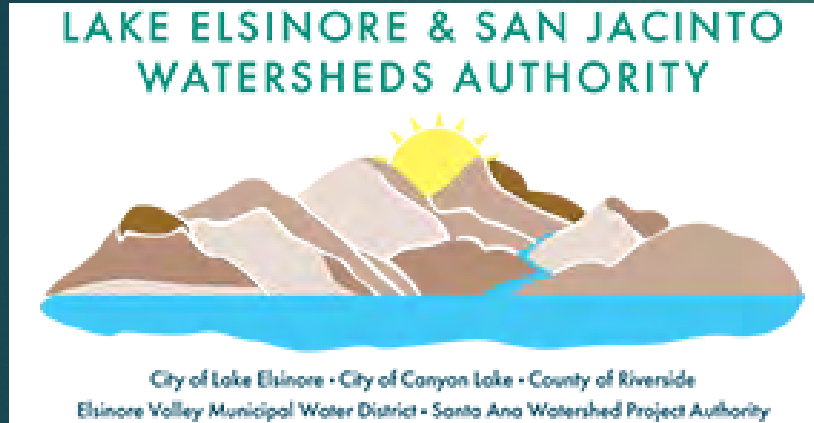
RESOURCES IMPACT

Sufficient labor resources exist under LESJWA to continue to support the Prop 1 Round 2 grant application process in the current FY 22-23 LESJWA Budget. Project grant administration staff assistance such as quarterly reporting and invoicing to the State based on reports and invoicing provided by the City and AECOM would be included in future FY LESJWA Budgets and not expected to exceed \$50,000 over the pilot term of three years.

Attachments:

1. PowerPoint Presentation
2. Resolution No. LES2022-05
3. City of Lake Elsinore City Manager Jason Simpson email dated November 16, 2022

Prop 1 Round 2 IRWM Grant Application – Lake Elsinore Pilot Project



Mark Norton, LESJWA Authority Administrator
LESJWA Board Meeting December 15, 2022
Agenda Item 6.C.



Recommendation to Authorize

1. Adopt Resolution No. LES2022-05 to adopt the SAWPA OWOW Plan required for the grant application.
2. Submittal of the LESJWA grant application for \$1.5 Million in grant funding for the Lake Elsinore Algae Harvesting and Nutrient Removal Pilot Project from the OWOW DWR Proposition 1 Round 2 IRWM Implementation grant, subject to local cost share funding and project approval by the City of Lake Elsinore at the December 13th City Council meeting.
3. Provide in-kind LESJWA staff support, approximate \$50,000 value, for assistance in application and administration of the project.

Final Project List



General Implementation Project	Applicant	Water Supply (AFY)	Water Quality (MGD)	Habitat (Acres)	Flood Protection (Acres)	Funding Amount
Santa Ana River Watershed Weather Modification Pilot	SAWPA	8,200	4.40	-	-	\$861,400
Etiwanda Intervalley Water Quality and Water Resiliency Phase-1A	JCSD	4,355	4.00	-	-	\$2,954,213
Wellhead Nitrate Treatment for Wells 4 & 27	MVWD	4,516	4.03	-	-	\$2,533,492
Cable Creek Basin (Upper)	SBCFCD	859	-	-	390	\$2,521,678
Phase 1 - Lake Elsinore Algae Harvesting and Nutrient Removal	LESJWA	-	1.00	3,000	-	\$1,500,000
Lake Rialto Habitat Management and Community Open Space	Rialto, City	-	5.90	10	-	\$2,149,748
Well 2 Replacement	MVWD	3,226	2.88	-	-	\$2,006,311
City of Rialto Recycled Intertie	IEUA	3,500	3.10	-	-	
Santa Ana River Sustainable Parks & Tributaries Water Reuse	SBVMWD	5,109	-	187	-	
Calimesa Aquifer Storage and Recovery	YVWD	2,890	-	-	-	
Well Pump Replacements	MVWD	4,194	-	-	-	
Improving Recycled Water Used in Local Groundwater Recharge	WMWD	985	3.0	-	-	
Well 4 Replacement	MVWD	1,936	1.73	-	-	
Water Well RN #6 Nitrate Removal System	RHWC	1,300	1.20	-	-	
Improved Lake Circulation at Prado Regional Park	SBCRP	-	4.3	62	-	
Large Landscape Water Efficiency Program	IEUA	671	0.04	-	-	
Regional Water Distribution System Leak Detection and Repair	MWDOC	1,338	1.19	-	-	
Cactus Basins Connector Pipeline	SBVMWD	1,360	-	-	-	

Top project threshold.

Lake Elsinore Algae Harvesting and Nutrient Removal Pilot Project

- ▶ Widespread harmful algal blooms (HABs) occur in the lake due to ongoing and legacy nutrient loads which are exacerbated by persistent drought and heatwaves.
- ▶ As a result, the City has been forced to post public health warnings and to close the lake for recreational activities, which has negative impacts on local businesses and tourism.
- ▶ The draft revised Total Maximum Daily Load (TMDL) report for Lake Elsinore recognizes that innovative, in-lake remediation projects are needed.



Scope of the Pilot Project

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- ▶ Project includes implementation of innovative algae harvesting technology to address impacts of HABs.
- ▶ Project will include use of Hydronucleation Flotation Technology (HFT), an advanced liquid/solid separation process that has been optimized to operate at a high hydraulic rate.
- ▶ Project will be operated as a pilot for three years



Photo credit: AECOM

AECOM's Algae Harvester Impact area

Lake Elsinore Prop 1 Round 2 Grant



Issues Which Arose

- ▶ Originally submitted as a Phase I long-term project with a 15-year commitment of operations
 - ▶ Annual long-term operation costs were estimated at \$300,000/yr
- ▶ Concerns by City arose in discussions with their consultant, AECOM, about cost commitment and lake-side acreage needed for drying slurry and potential odors
- ▶ City considered backing out of grant application and withdrawing \$1.5M in local cost share commitment



Issues Which Were Resolved

- ▶ Project description was subsequently revised as a three-year pilot project
- ▶ The City's consultant provided updated budget and modified project plan including a reduced fee to transport treated slurry to CR&R instead of drying bed.
- ▶ The City staff reconfirmed support with LESJWA and SAWPA and is seeking confirmation of \$1.5M in local cost share from their City Council on Dec. 13, 2022.



Resolution for Adoption

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- ▶ Adopts the SAWPA Integrated Regional Water Management Plan called the One Water One Watershed Plan Update 2018, adopted by SAWPA in Feb 2019,
- ▶ Required as part of the DWR application due on February 1, 2023,
- ▶ Allows SAWPA to execute sub-agreement with project proponent, LESJWA



LESJWA's and City's Role

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- ▶ State grant funding opportunities shared in previous LESJWA Board meetings for projects to assist Lake Elsinore water quality
- ▶ Prop 1 Round 2 Integrated Regional Water Management (IRWM) Implementation grant opportunity through DWR and SAWPA
- ▶ City of Lake Elsinore had previously applied and received \$297,000 grant for algal removal pilot studies under Prop 1 Round 1 IRWM



LESJWA's and City's Role

- ▶ Reflecting support for Lake and City, LESJWA staff agreed to serve as Project Proponent for \$1.5 Million grant, avoiding duplicating previous City of LE pilot project grant under Round 1
- ▶ City of LE staff agreed to provide \$1.5 million in local cost share for the Round 2 grant application but seeking confirmation at Dec. 13th City Council mtg
- ▶ LESJWA can reflect support by providing in-kind staff support in grant application and some future project reporting needs, \$50K value over three yr pilot
- ▶ Though City of LE requested \$500,000 or less from LESJWA member agencies on Nov. 16th, no additional revenue anticipated from LESJWA member agencies



Recommendation to Authorize

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1. Adopt Resolution No. LES2022-05 to adopt the SAWPA OWOW Plan required for the grant application.
2. Submittal of the LESJWA grant application for \$1.5 Million in grant funding for the Lake Elsinore Algae Harvesting and Nutrient Removal Pilot Project from the OWOW DWR Proposition 1 Round 2 IRWM Implementation grant, subject to local cost share funding and project approval by the City of Lake Elsinore at the December 13th City Council meeting.
3. Provide in-kind LESJWA staff support, approximate \$50,000 value, for assistance in application and administration of the project.

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RESOLUTION NO. LES2022.05

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
LAKE ELSINORE AND SAN JACINTO WATERSHEDS AUTHORITY
ADOPTING THE SANTA ANA WATERSHED PROJECT AUTHORITY
ONE WATER ONE WATERSHED PLAN UPDATE 2018, THE INTEGRATED
REGIONAL WATER MANAGEMENT PLAN FOR THE SANTA ANA RIVER
WATERSHED**

WHEREAS, on February 19, 2019, the Santa Ana Watershed Project Authority (SAWPA) Board of Commissioners adopted the One Water One Watershed (OWOW) Plan Update 2019, the Integrated Regional Water Management Plan for the Santa Ana River Watershed, as a planning document outlining a sustainable water future for the region; and

WHEREAS, on October 4, 2022, the SAWPA Board of Commissioners supported projects for funding under SAWPA's Round Two funding allocation of Water Quality, Supply and Infrastructure Improvement Act of 2014 (Proposition 1), in which Lake Elsinore and San Jacinto Watersheds Authority (LESJWA) is the project proponent for the Lake Elsinore Algae Harvesting and Nutrient Removal Pilot Project; and

WHEREAS, as a condition of the grant funding for projects LESJWA is a recipient to, DWR and SAWPA require that all project sponsors also adopt the OWOW Plan Update 2018.

NOW, THEREFORE, the Board of Directors of the LESJWA does hereby acknowledge the OWOW Plan and, as a required condition of receiving grant funding under the Plan, adopts the current Santa Ana Watershed Project Authority One Water One Watershed Plan Update 2019 Integrated Regional Water Management Plan.

Adopted at the regular meeting of the Board of Directors held December 15, 2022, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

I hereby certify the foregoing is a full, true and correct copy of Resolution No. LES2022-05 adopted by the Board of Directors of LESJWA at its meeting held on December 15, 2022.

Dale Welty, Chair
Lake Elsinore & San Jacinto Watersheds Authority

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From: Jason Simpson <jsimpson@Lake-Elsinore.org>
Sent: Wednesday, November 16, 2022 2:34 PM
To: Mark Norton <Mark@sawpa.org>
Cc: Rick Whetsel <rwhetsel@sawpa.org>; Rachel Gray <RGray@sawpa.org>; Ian Achimore <IAchimore@sawpa.org>; Benjamin Foster <bfoster@Lake-Elsinore.org>
Subject: Re: [External]Urgent – Prop1 Round 2 Grant Deadline today

Hi Mark -

Thanks for offering assistance. The Lake and its water quality issues has long been a concern for decades.

To clarify, the City Council has to authorize any amount over \$30,000. They authorized staff up to a \$1 million for a water quality project or projects that they can support. I hope we get there without a Prop 1, Round 1 report and findings to review. Algae harvesting appears to be a possible solution per AECOM. Do you agree? Any red flags? Wait for report?

I am requesting \$500,000 for local cost share from any of the entities listed or that it be reduced. I believe they have been asked but will consider requesting one more time. I know Nicole believed in this algae harvesting approach by AECOM and struggled to get commitments (told no) from EVMWD and others. I hope the time between now and 12/15 gets us a viable proposal we can all support. The region deserves that.

Talk to you soon.

Jason Simpson

On Nov 16, 2022, at 12:40 PM, Mark Norton <Mark@sawpa.org> wrote:

Jason,

We received your email below and shared it with SAWPA's General Manager, Jeff Mosher, as your response to SAWPA's Nov. 15th deadline on whether the City of Lake Elsinore was supportive of moving forward with proposed AECOM LE pilot project. Based on our discussions and review of your email, we believe that the City of Lake Elsinore is supportive of still proceeding with the grant application and has committed \$1M but will need to await the support of the City of Lake Elsinore City Council at their Dec. 13th City Council meeting to commit to the full 50% local cost share or \$1.5M. We also understand and acknowledge this support is subject to the other affirmations from AECOM and more detailed scope. Consequently, SAWPA will work with the City staff and AECOM to complete all necessary grant application documentation as required by the State Dept of Water Resources to meet the overall Prop 1 Round 2 IRWM grant proposal to DWR submittal deadline.

We noted one statement in the email below which may not be accurate. Under the 2nd bullet, you stated that **EVMWD, SAWPA, the County and LESJWA** all declined to contribute local cost share. For clarity, we are not aware of any request from the City to these entities to join with them in helping to contribute local cost share nor have any of these entities declined such request to our knowledge. We therefore

request that you send an email to these entities, particularly LESJWA, for their local cost share support for a project that would benefit not just the City but also the Region. As you are aware, all the entities mentioned are included in the LESJWA JPA so a request to LESJWA for additional cost share would be most effective and additional cost share can be shared through LESJWA. LESJWA, as the defined project lead in the grant submittal, has already provided some staff in-kind support. I believe, as the LESJWA Authority Administrator, that LESJWA would be supportive if requested to provide in-kind staff support for assistance with the pilot project management/grant administration.

Our next LESJWA Board meeting is scheduled for December 15th so we can agendaize an request for local in-kind staff support for the pilot. We believe this support would be equivalent to approximately \$50,000 over the life of the three-year pilot and could be counted as part of the \$1.5 million local cost share match and reduce the City's local cost share commitment.

In summary, we believe that a local cost share match at some level from LESJWA would signal that LESJWA and its member agencies recognizes the value of the AECOM pilot to both the Lake and the region. We look forward to your email local funding share request before Dec. 5th, our internal deadline for the LESJWA Board agenda packet. Thank you!

*Mark R. Norton PE, LEED AP, ENV SP
LESJWA Authority Administrator
Special Projects Manager
Santa Ana Watershed Project Authority
11615 Sterling Ave.
Riverside, CA 92503
1-951-354-4221 (Office)
1-951-538-5254 (Cell)*

LESJWA BOARD MEMORANDUM NO. 2022.25

DATE: December 15, 2022

SUBJECT: Lake Elsinore & Canyon Lake TMDL Compliance Monitoring Program

TO: LESJWA Board of Directors

FROM: Rick Whetsel, Senior Watershed Manager

RECOMMENDATION

Approve the General Services Agreement and Task Order No. WSP160-01 with WSP USA Environment & Infrastructure, Inc. for an amount not-to-exceed \$514,663.00, for a two-year task order to oversee and implement the TMDL compliance monitoring program for the Lake Elsinore and Canyon Lake TMDL Task Force for Fiscal Years 2023-2025.

DISCUSSION

The members of the Lake Elsinore and Canyon Lake TMDL Task Force Technical Advisory Committee recommend extending the agreement with WSP USA for two additional years to oversee and implement the TMDL compliance monitoring program for the LE&CL Task Force. This recommendation is based upon their professional expertise and substantial experience working with the TMDL Task Force.

The attached Task Order details the two-year agreement with WSP USA to conduct, oversee and implement the TMDL compliance monitoring program for the LE&CL Task Force. Included with this Task Order is a scope of work and budget providing a detailed description of support services to be performed by the consultant through Fiscal Years 2023-25.

Through this agreement, WSP USA will provide the following services to the LE&CL TMDL Task Force, as described in the attached program Work Plan:

- LE&CL TMDL Compliance monitoring Program
 - Project Management & Administration
 - Laboratory Contracting
 - Wet Weather Watershed Monitoring
 - Dry Weather In-lake Monitoring (TMDL and LEAMS)
 - Pre and Post-Alum Application Monitoring in Canyon Lake
- Draft and final LE/CL Nutrient TMDL Annual Water Quality Monitoring Report
- Data Management and QA/QC
- Participate in Task Force meetings

BACKGROUND

In April 2015, the Task Force submitted to the Regional Board an updated Lake Elsinore and Canyon Lake Nutrient TMDL Phase 2 Compliance Monitoring Work Plan. That plan detailed an approach for compliance monitoring in the near term (2015 through 2019) to address compliance with the Lake Elsinore & Canyon Lake Nutrient Total Maximum Daily Loads (TMDLs) and demonstrated progress toward attaining compliance with respective waste load allocations (WLAs) and/or TMDL response targets.

In June 2015, the LESJWA Board approved a contract with Wood 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.

In June 2018, the LESJWA Board approved a 2-year contract extension with Wood Environment & Infrastructure Solutions Inc. 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.

In April 2020, the LESJWA Board approved a 3-year Task Order with an option to exercise a two-year extension with Wood Environment & Infrastructure Solutions Inc. to oversee and implement the FYs 2020-22 TMDL compliance monitoring program for the LE&CL Task Force.

RESOURCES IMPACT

The TMDL Task Force FYs 2023-25 Budgets provide a budget of \$514,663 to conduct the nutrient TMDL Compliance & LEAMS monitoring. All staff contract administration time for this contract will be taken from the TMDL budget and funded by the TMDL Stakeholders.

Attachments:

1. WSP USA General Services Agreement
2. WSP USA Task Order WSP160-01
3. WSP USA Scope of work, cost estimate and rate schedule

AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT

This Agreement is made this **15th day of December, 2022** by and between the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) whose address is 11615 Sterling Avenue, Riverside, CA 92503, and WSP USA Environment & Infrastructure, Inc. ("Consultant") whose address is 9177 Sky Park Court, San Diego, CA 92123.

RECITALS

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

- LESJWA desires to engage the professional services of Consultant to perform such professional consulting services as may be assigned, from time to time, by LESJWA in writing.
- Consultant agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement and has represented and warrants to LESJWA that Consultant possesses the necessary skills, qualifications, personnel, and equipment to provide such services.
- The services to be performed by Consultant shall be specifically described in one or more written Task Orders issued by LESJWA to Consultant pursuant to this Agreement.

AGREEMENT

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

ARTICLE I **TERM OF AGREEMENT**

1.01 This agreement shall become effective on the date first above written and shall continue until **December 31, 2025**, unless extended or sooner terminated as provided for herein.

ARTICLE II **SERVICES TO BE PERFORMED**

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

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

ARTICLE III **COMPENSATION**

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

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

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

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

ARTICLE IV **OBLIGATIONS OF CONSULTANT**

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

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

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

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

All such insurance policy or policies shall be issued by a responsible insurance company with a minimum A.M. Best Rating of "A-" Financial Category "X", and authorized and admitted to do business in, and regulated by, the State of California. If the insurance company is not admitted in the State of California, it must be on the List of Eligible Surplus Line Insurers (LESLI), shall have a minimum A.M. Best Rating of "A", Financial Category "X", and shall be domiciled in the United States, unless otherwise approved by LESJWA in writing. Each such policy of insurance shall expressly provide that it shall be primary and noncontributory with any policies carried by LESJWA and, to the extent obtainable, such coverage shall be payable notwithstanding any act of negligence of LESJWA that might otherwise result in forfeiture of coverage. Evidence of all insurance coverage shall be provided to LESJWA prior to issuance of the first Task Order. Such policies shall

provide that they shall not be canceled or amended without 30 day prior written notice to LESJWA. Consultant acknowledges and agrees that such insurance is in addition to Consultant's obligation to fully indemnify and hold LESJWA free and harmless from and against any and all claims arising out of an injury or damage to property or persons caused by the negligence, recklessness, or willful misconduct of Consultant in performing services assigned by LESJWA.

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

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

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

ARTICLE V
OBLIGATIONS OF LESJWA

5.01 LESJWA shall

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

ARTICLE VI
ADDITIONAL SERVICES, CHANGES AND DELETIONS

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

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

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

6.04 In the event that LESJWA orders services deleted or reduced, compensation shall be deleted or

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

ARTICLE VII
CONSTRUCTION PROJECTS:
CHANGE ORDERS FOR CONSTRUCTION CONSULTANT

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

ARTICLE VIII
TERMINATION OF AGREEMENT

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

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

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

ARTICLE IX
STATUS OF CONSULTANT

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

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

ARTICLE X
AUDIT; OWNERSHIP OF DOCUMENTS

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

10.02 Consultant shall retain and maintain, for a period not less than four years following termination of this Agreement, all time records, accounting records, and vouchers and all other records with respect to all

matters concerning services performed, compensation paid and expenses reimbursed. At any time during normal business hours and as often as LESJWA may deem necessary, Consultant shall make available to LESJWA's agents for examination of all such records and will permit LESJWA's to audit, examine and reproduce such records.

ARTICLE XI
MISCELLANEOUS PROVISIONS

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

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

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

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

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

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

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

11.08 During the performance of the Agreement, Consultant, and its subcontractors, shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, and denial of family care leave. Consultant, and its subcontractors, shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Consultant, and its subcontractors, shall comply with the provisions of the Fair Employment and Housing Act (Government Code,

Section 12290 et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 et seq., set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Consultant, and its subcontractors, shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. Consultant shall include the non-discrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

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

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY

Dale Welty, LESJWA Chair Date

WSP USA ENVIRONMENT & INFRASTRUCTURE, INC.

(Signature) Date _____
Print/Type Name and Title

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
TASK ORDER NO. WSP160-01

CONSULTANT: WSP USA Environment & Infrastructure, Inc. **VENDOR NO.:** 1734
9177 Sky Park Court
San Diego, CA 92123

COST: **\$514,663.00**

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: Rick Whetsel, Senior Watershed Manager December 15, 2022

FINANCE: _____
Karen Williams, Deputy GM/CFO Date

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

COMMISSION AUTHORIZATION REQUIRED: YES (X) NO ()
Authorization: December 15, 2022; LES#2022.25

This Task Order is issued upon approval and acceptance by the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) and WSP USA Environment & Infrastructure, Inc. (Consultant) pursuant to the Agreement for Services between LESJWA and Consultant, entered into on December 15, 2022, expiring December 31, 2025.

I. PROJECT NAME OR DESCRIPTION

LE&CL Nutrient TMDL & Offset Credit Monitoring FYEs 2024-2025

II. SCOPE OF WORK / TASKS TO BE PERFORMED

Consultant shall provide all labor, materials, equipment, and technical support for the two-year extension to continue to support the Lake Elsinore & San Jacinto Watersheds Authority Lake Elsinore and Canyon Lake Nutrient TMDL Water Quality Monitoring Program, as well as the Lake Elsinore Aeration and Mixing System (LEAMS) offset monitoring program in fiscal years 2023-2024 and 2024-2025. Includes: Watershed, In-lake and Lake Elsinore offset monitoring, as well as, Data Analysis & Reporting and Project Management, Coordination Activities, Meeting Attendance, and Laboratory Contracting.

III. PERFORMANCE TIME FRAME

Consultant shall begin work July 1, 2023, and shall complete performance of such services by or before **December 31, 2025**.

IV. LESJWA LIAISON

Rick Whetsel will 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 **\$514,663.00**. Payment for such services shall be made within 30 days upon receipt of proper and timely invoices from Consultant, as required by the above-

mentioned Agreement. Each such invoice shall be provided to LESJWA by Consultant within 15 days after the end of the month in which the services were performed.

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 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

Dale Welty, LESJWA Chair Date

WSP USA ENVIRONMENT & INFRASTRUCTURE, INC.

(Signature) Date

Print/Type Name and Title



November 28, 2022

ATTN: Mark Norton and Rick Whetsel

Lake Elsinore & San Jacinto Watersheds Authority (LESJWA)

11615 Sterling Avenue

Riverside, California 92503

Subject: Scope and Costs for Monitoring and Consulting Services for the Lake Elsinore and Canyon Lake Nutrient TMDL Water Quality Monitoring Program Implementation, and the Lake Elsinore Aeration and Mixing System Offset Program Monitoring: FY 2023-2024 and 2024-2025

Dear Mr. Norton and Whetsel,

Thank you again for selecting WSP USA Environment & Infrastructure, Inc. (WSP) to continue to support the Lake Elsinore & San Jacinto Watersheds Authority Lake Elsinore and Canyon Lake Nutrient TMDL Water Quality Monitoring Program, as well as the Lake Elsinore Aeration and Mixing System (LEAMS) offset monitoring program. Included herein is our scope of work and cost summary for monitoring in fiscal years 2023-2024 and 2024-2025.

Please do not hesitate to contact me if you have any questions or suggested revisions.

We look forward to continuing to support you on this program.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Rudolph', written in a cursive style.

John Rudolph
Senior Aquatic Scientist

john.rudolph@wsp.com

(858) 514-6465

WSP USA Environment & Infrastructure, Inc.



SCOPE OF WORK

2023-2024 AND 2024-2025 LAKE ELSINORE AND CANYON LAKE NUTRIENT TMDL WATER QUALITY MONITORING PROGRAM IMPLEMENTATION AND LAKE ELSINORE AERATION MIXING SYSTEM OFFSET MONITORING PROGRAM

November 28, 2022

1.0 PURPOSE

The purpose of this scope of work is to continue the Nutrient Total Maximum Daily Load (TMDL) Monitoring Program in fiscal years 2023-2024 and 2024-2025 for the San Jacinto River Watershed stormwater monitoring, and in-lake ambient monitoring of Lake Elsinore and Canyon Lake. In addition, in-lake monitoring on Lake Elsinore for the Lake Elsinore Aeration and Mixing System (LEAMS) Offset Monitoring Program on behalf of Elsinore Valley Municipal Water District (EVMWD) will be used to validate model assumptions as required under Permit R8-2013-0017.

A scope of work description is provided in Section 2.0, a schedule is presented in Section 3.0, and costs are summarized in Section 4.0 and detailed in Attachment A.

2.0 SCOPE OF WORK

Task 0 – Project Management & Administration

This subtask includes the planning and administrative support required for setting up and overseeing the Program. This includes regularly coordinating with the TMDL Task Force regarding project goals, budgets, and schedules. The following specific activities will be performed as part of the task:

- Administration of the contract
- Daily management of the contract
- Tracking of budget
- Invoicing

Task 1 - Coordination Activities with Task Force

This includes regularly coordinating with the TMDL Task Force regarding project goals, budgets, and sampling schedules, and other miscellaneous tasks.

Task 2 - Laboratory Contracting

This task includes the planning and administrative support required for with analytical laboratories and other subcontractors. As contracts have been set up with all subcontractors during the previous monitoring years, there is no cost for this task at this time.

Task 3 – Implement TMDL Monitoring

Subtask 3.1 – Watershed Storm Monitoring

In accordance with the Lake Elsinore & Canyon Lake Nutrient TMDL Comprehensive Monitoring, the team will conduct water quality monitoring for up to three qualifying storm events during the monitoring season (October 1st through May 31st). Throughout the monitoring season, the team will continually monitor the weather forecast to keep up to date on upcoming storm events and coordinate with Riverside County Flood Control and Water Conservation District and the TMDL Task Force to determine which storms to mobilize for. The storm size criteria for mobilization is a storm rainfall total of greater than 1-



inch forecast within 24 hours from October to January, and a storm rainfall total of greater than 0.5-inch forecast within 24 hours from January through May. Flow-weighted composite sample collection protocols have been recommended by the TMDL Task Force, and will be used for this program. Sample aliquots will be collected across the hydrograph of each storm event, the first sample aliquot will be taken at or shortly after the time that storm water runoff begins, and each subsequent aliquot of equal volume will be collected at intervals of approximately ½ to 2 hours across the hydrograph, depending on the forecasted size of the storm event. Flow rates and volumes will be based on data from USGS stream gauges located near the sampling stations. Upon completion of sampling, field teams will download the flow data and subsample each discrete sample collected to create a single flow-weighted composite sample for laboratory analysis.

In addition, in-situ monitoring using pre-calibrated hand-held YSI field meters or equivalent will also be performed during each sampling event at all stations for pH, temperature, conductivity, dissolved oxygen, and turbidity field measurements. After each monitored storm event, a field technician will visit each site to remove the unused sample bottles, download the data and turn off the equipment. Team will communicate with TMDL Task Force staff regarding the completion of the sampling activities and provide an overall assessment of each storm event.

Subtask 3.2 – In-lake Monitoring

Three stations outlined in the approved Lake Elsinore & Canyon Lake Nutrient TMDL Monitoring Plan will be monitored in Lake Elsinore (LE01, LE02, and LE03). One station (Site LE02) will have analytical samples collected and in-situ water quality readings, while only in-situ water quality readings will occur at the remaining two stations. Lake Elsinore will be monitored 8 times across the fiscal year. Specifically, Lake Elsinore monitoring will include monthly sampling during the summer months (June-September) and bi-monthly (every other month) sampling during non-summer months (October-May).

Four stations outlined in the approved Lake Elsinore & Canyon Lake Nutrient TMDL Monitoring Plan will be monitored in Canyon Lake (CL07, CL08, CL09, and CL10). These include two in the main body of the lake (CL07 and CL08) and two in the East Bay (CL09 and CL10). Canyon Lake sampling will be conducted every other month (bi-monthly).

Depth-integrated samples will be prepared by either combining discreet grab samples collected using a Van Dorn bottle at each 1-meter (m) depth interval throughout the water column, including the surface, or using a peristaltic pump by lowering/raising the inlet tube through the water column at a uniform speed. Two discrete samples will be collected and analyzed for chlorophyll-a: 1) a surface-to-bottom depth integrated sample as described above; and 2) a 0-2-m depth integrated surface sample.

In-situ monitoring using pre-calibrated hand-held YSI field meters or equivalent will also be performed during each sampling event at all TMDL stations for pH, dissolved oxygen, temperature, and conductivity field measurements. A complete depth profile at each station will be recorded for each parameter at 1-m intervals. Water clarity will also be assessed at all three stations using a Secchi disk.

In-lake sampling described above will be coordinated to occur on the same day as satellite overpass, in order to better facilitate comparison of in-lake measured chlorophyll-a concentrations with satellite estimates. Satellite imagery will be collected for each sampling event, and will estimate chlorophyll-a concentrations, turbidity, and cyanobacterial bloom indicator risk. Two satellites will be used for image capture: LandSat 7/8 and Sentinel 2, depending on the time of the year. As a result of Sentinel 2 satellite image quality assurance issues due to the viewing geometry during summer, LandSat 7/8 satellite will be used during the months of June through August, and Sentinel 2 during all other months of the year. In the event that cloud cover prevents the satellite from obtaining a high-quality image, the previous or subsequent satellite image (LandSat7/8 every 8 days; Sentinel 2 every 5 days) will be used.

Typically, alum applications occur on Canyon Lake twice annually. Monitoring associated with these events includes in-lake water column profiles of pH, dissolved oxygen, temperature, and conductivity field measurements at all four Canyon Lake TMDL stations. These field measurements need to occur within



one week prior to the alum application, and into one of the subsequent bi-monthly TMDL monitoring events. However, a contingency budget has been added to this scope of work in the event that a field team (2 staff) needs to be deployed outside of a routine bi-monthly monitoring event to perform these measurements as a stand-alone event.

In addition to the routine TMDL monitoring, the LEAMS Offset Monitoring Program will occur monthly in Lake Elsinore. Eight of the twelve monthly monitoring events will be performed concurrent with routine Nutrient TMDL field events. Four stand-alone LEAMS Offset Program monitoring events will be performed during months when Nutrient TMDL monitoring does not occur (November, January, March, and May).

All analytical results will go through a thorough QA/QC review and any issues identified will be rectified directly with the laboratory by WSP staff. Results of the LEAMS monitoring will be reported outside of the TMDL program, being forwarded to the EVMWD and Santa Ana Watershed Project Authority (SAWPA) in the form of electronic data deliverable (EDD) Excel spreadsheets, and associated PDF lab reports, if required.

Task 4 – Data Management & QA/QC

Analytical data will be reviewed and verified by our lead chemist to determine whether the data quality objectives have been met by the laboratory, and whether appropriate corrective actions have been taken, when necessary. This will include follow up required on any QA/QC issues identified as a part of the review. After completion of the data review and a QA/QC verification for reporting, the results will be imported into WSP’s database system and formatted into CEDEN templates.

The analytical data collected during each monitoring will be reviewed and submitted to the TMDL Task Force as part of the annual report. After data has been approved by the TMDL Task Force, it will then be submitted to CEDEN.

Task 5 – Task Force Meeting Attendance

This encompasses attendance and related support at regularly scheduled meetings with the Lake Elsinore & Canyon Lake TMDL Task Force. Effort includes preparation and provision of periodic monitoring updates, and availability to engage in discussion, answer questions, discuss project scope and schedule, and provide additional information needs. This subtask includes anticipated attendance at up to 6 meetings of the TMDL Task Force, and preparation of presentations related to monitoring efforts.

Task 6 – TMDL Data Analysis & Reporting

A draft and final Lake Elsinore and Canyon Lake Nutrient TMDL Annual Water Quality Monitoring Report will be prepared at the completion of each monitoring season. The report will incorporate the results of the watershed-wide storm monitoring data and the in-lake TMDL water quality monitoring data collected. An electronic copy of the draft report will be provided to Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) TMDL Task Force for review and comment by August 15th subsequent to each monitoring year. At least two weeks will be provided for the TMDL Task Force to review the draft report. Once all the comments have been addressed, the report will be finalized, and an electronic copy of the final report will be submitted to LESJWA.

3.0 SCHEDULE

The 2023-2024 task order shall begin on July 1, 2023, contingent upon approval and execution, and shall terminate on June 30, 2024. The 2024-2025 task order shall begin on July 1, 2024, contingent upon approval and execution, and shall terminate on June 30, 2025. The proposed schedule for each monitoring year is shown in Table 1. Changes to the schedule will be made in consultation with LESJWA and the TMDL Task Force.



Table 1. Proposed Schedule of Deliverables

Task	Dates/ Deliverables
Task 0 – Project Management & Administration	<ul style="list-style-type: none"> • Ongoing • Deliverables: monthly invoices
Task 1 – Coordination Activities with Task Force	<ul style="list-style-type: none"> • Ongoing • Deliverables: none
Task 2 – Laboratory Contracting	<ul style="list-style-type: none"> • Not required this monitoring year • Deliverables: none
Task 3 – Implement TMDL Monitoring	<ul style="list-style-type: none"> • Sampling 3 storms in the wet season: October– May of each monitoring year • Lake Elsinore monthly July-Sept, bi-monthly otherwise; Canyon Lake bi-monthly • Deliverables: none
Task 4 – Data Management & QA/QC	<ul style="list-style-type: none"> • Ongoing, regular QA/QC of monitoring data collected • Submission of TMDL data from the previous monitoring year to CEDEN upon approval of annual TMDL monitoring report • Deliverables: CEDEN formatted EDD
Task 5 – Task Force Meeting Attendance	<ul style="list-style-type: none"> • Regular attendance of TMDL Task Force meetings • Deliverables: PowerPoint presentations as needed
Task 6 – TMDL Data Analysis & Reporting	<ul style="list-style-type: none"> • Deliverables: Draft annual TMDL report by August 15th of each year. Final TMDL report addressing edits and comments

4.0 COSTS

The total annual contract value for each of the 2023-2024 and 2024-2025 monitoring years is provided below and in more detail in Attachment A. All labor rates and other charges will be billed per any specific requirements of Contract. A 2.0% cost escalation was applied to the 2024-2025 monitoring year.

- Cost for the 2023-2024 Monitoring Year is \$254,784
- Cost for the 2024-2025 Monitoring Year is \$259,879



ATTACHMENT A

COST PROPOSAL



**Lake Elsinore & Canyon Lake Compliance Monitoring Implementation
2023-2024 Scope of Work Annual Cost Summary
Nutrient TMDL and LEAMS Offset Monitoring**

Provided by John Rudolph, WSP USA, San Diego CA
November 11, 2022

TASK	DESCRIPTION	WOOD LABOR	SUBCONTRACTOR LABOR	PROJECT SUPPLIES	LABORATORY COSTS	COMBINED TOTAL (\$)
TASK 0	Project Management and Administration	\$7,820	\$2,130	\$0	\$0	\$9,950
TASK 1	Coordination Activities w/ TMDL Task Force	\$1,020	\$2,460	\$0	\$0	\$3,480
TASK 2	Laboratory Contracting	\$0	\$0	\$0	\$0	\$0
TASK 3	Implement In-Lake TMDL Monitoring	\$65,170	\$40,860	\$14,218	\$57,872	\$178,120
SubTask 3.1	San Jacinto Watershed TMDL Monitoring	\$0	\$40,860	\$6,009	\$6,552	\$53,421
SubTask 3.2a	Lake Elsinore TMDL Monitoring	\$28,800	\$0	\$3,704	\$10,385	\$42,889
SubTask 3.2b	Canyon Lake TMDL Monitoring	\$20,820	\$0	\$2,591	\$21,655	\$45,066
SubTask 3.3	Canyon Lake Contingency Pre-Alum Effectiveness Monitoring ¹	\$3,360	\$0	\$188	\$0	\$3,548
SubTask 3.4	LEAMS Effectiveness Monitoring Program ²	\$12,190	\$0	\$1,727	\$19,280	\$33,197
TASK 4	Data Management	\$6,320	\$4,190	\$0	\$0	\$10,510
TASK 5	TMDL Task Force Meeting Attendance/Presentation	\$15,600	\$3,040	\$454	\$0	\$19,094
TASK 6	Data Analysis and Reporting	\$26,110	\$7,520	\$0	\$0	\$33,630
SubTask 6.1	Monthly LEAMS Program Electronic Data Deliverable	\$1,400	\$0	\$0	\$0	\$1,400
SubTask 6.2	Draft and Final Annual Water Quality Monitoring Report	\$24,710	\$7,520	\$0	\$0	\$32,230
2023-2024 ANNUAL PROGRAM GRAND TOTAL						\$254,784

¹ 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).

² Labor includes four stand-alone events. Remainder of events part of concurrent TMDL monitoring effort. Laboratory costs include analytical for all 12 monthly events.



**Lake Elsinore & Canyon Lake Compliance Monitoring Implementation
2024-2025 Scope of Work Annual Cost Summary
Nutrient TMDL and LEAMS Offset Monitoring**

Provided by John Rudolph, WSP USA, San Diego CA
November 11, 2022

TASK	DESCRIPTION	WOOD LABOR	SUBCONTRACTOR LABOR	PROJECT SUPPLIES	LABORATORY COSTS	COMBINED TOTAL (\$)
TASK 0	Project Management and Administration	\$7,976	\$2,173	\$0	\$0	\$10,149
TASK 1	Coordination Activities w/ TMDL Task Force	\$1,040	\$2,509	\$0	\$0	\$3,550
TASK 2	Laboratory Contracting	\$0	\$0	\$0	\$0	\$0
TASK 3	Implement In-Lake TMDL Monitoring	\$66,473	\$41,677	\$14,502	\$59,029	\$181,682
SubTask 3.1	San Jacinto Watershed TMDL Monitoring	\$0	\$41,677	\$6,129	\$6,683	\$54,489
SubTask 3.2a	Lake Elsinore TMDL Monitoring	\$29,376	\$0	\$3,778	\$10,593	\$43,747
SubTask 3.2b	Canyon Lake TMDL Monitoring	\$21,236	\$0	\$2,642	\$22,088	\$45,967
SubTask 3.3	Canyon Lake Contingency Pre-Alum Effectiveness Monitoring ¹	\$3,427	\$0	\$191	\$0	\$3,618
SubTask 3.4	LEAMS Effectiveness Monitoring Program ²	\$12,434	\$0	\$1,762	\$19,666	\$33,861
TASK 4	Data Management	\$6,446	\$4,274	\$0	\$0	\$10,720
TASK 5	TMDL Task Force Meeting Attendance/Presentation	\$15,912	\$3,101	\$463	\$0	\$19,476
TASK 6	Data Analysis and Reporting	\$26,632	\$7,670	\$0	\$0	\$34,303
SubTask 6.1	Monthly LEAMS Program Electronic Data Deliverable	\$1,428	\$0	\$0	\$0	\$1,428
SubTask 6.2	Draft and Final Annual Water Quality Monitoring Report	\$25,204	\$7,670	\$0	\$0	\$32,875
2024-2025 ANNUAL PROGRAM GRAND TOTAL						\$259,879

¹ 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).

² Labor includes four stand-alone events. Remainder of events part of concurrent TMDL monitoring effort. Laboratory costs include analytical for all 12 monthly events.

**WSP USA Environment & Infrastructure, Inc.
Lake Elsinore Canyon Lake TMDL-LEAMS Monitoring**

Schedule of Rates

STAFF MEMBER	Company	LABOR CATEGORY	2023-2024 RATE/HR	2024-2025 RATE/HR
Chris Stransky	WSP USA	Associate Principal	\$200.00	\$204.00
John Rudolph	WSP USA	Project Manager	\$170.00	\$173.40
Bill Isham, Kevin Stolzenbach	WSP USA	Senior 1 Engineer/Scientist	\$145.00	\$147.90
Marisa Swiderski, Kate Buckley, Victoria Wood	WSP USA	Staff 2 Engineer/Scientist	\$120.00	\$122.40
Nicholas Jernack	WSP USA	Senior Technician	\$110.00	\$112.20
Tyler Daniel	WSP USA	Technician	\$100.00	\$102.00
Riley Von Richter	WSP USA	Technician	\$105.00	\$107.10
Marissa Cuervas	WSP USA	Project Coordinator/Admin.	\$130.00	\$132.60
Jeriene Vasil	WSP USA	Technical Writer	\$70.00	\$71.40
Aaron Johnson	WSP USA	GIS/Senior Programmer	\$145.00	\$147.90
Garth Englehorn	NV5	Project Manager	\$190.00	\$193.80
Kiran Pallachulla	NV5	Asst Project Manager	\$165.00	\$168.30
Austin Kay, Ryan Rodman	NV5	Project Scientist	\$140.00	\$142.80
Nicholas Poser	NV5	Field Manager	\$120.00	\$122.40
Jake Daxe-Pullins	NV5	Scientist 2	\$100.00	\$102.00
Inez Bretado	NV5	Scientist 1	\$95.00	\$96.90
GIS	NV5	GIS/Senior Programmer	\$120.00	\$122.40
Word Processing	NV5	Technical Writer	\$75.00	\$76.50
Victoria Hall	NV5	Project Coordinator/Admin.	\$115.00	\$117.30

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LESJWA BOARD MEMORANDUM NO. 2022.26

DATE: December 15, 2022

TO: LESJWA Board of Directors

SUBJECT: Technical Support to Lake Elsinore and Canyon Lake TMDL Task Force to Update the 2018 TMDL Technical Report

FROM: Rick Whetsel, Senior Watershed Manager

RECOMMENDATION

Approve the General Services Agreement and Task Order No. GEI160-01 with GEI Consultants for an amount not-to-exceed \$138,320.00 to update the draft 2018 TMDL Technical Document and provide technical support services to the Lake Elsinore and Canyon Lake TMDL Task Force.

DISCUSSION

At the September 27, 2022, the members of the Lake Elsinore and Canyon Lake TMDL Task Force (LE&CL Task Force) were informed that Steven Wolosoff, the key member of the CDM Smith consulting team that supports the LE&CL Task Force resigned to take a new position with GEI Consultants. This change has significant implications to the most recent CDM Smith Task Order (Task Order No. CDM160-06) entered into on August 18, 2022, to support the Task Force, in that Mr. Wolosoff was CDM Smith's primary staff for work related to the LE&CL Task Force and carried with him a specialized understanding and knowledge of the LE&CL TMDLs.

In light of this change, it was the recommendation of the LE&CL Task Force that CDM Smith turn over the primary work associated with Task Order No. CDM160-06 to GEI Consultants through the end of this calendar year and starting January 1, 2023, the Task Order with CDM Smith would end and the LE&CL Task Force would enter into an agreement to continue this work with GEI Consultants.

Following the September 27, 2022, meeting, LESJWA staff followed up with representatives of each consulting firm to confirm this arrangement and request a scope of work and cost estimate from GEI Consultants.

The attached Task Order with GEI Consultants provides Technical Support to the LE&CL Task Force and Update to the draft 2018 TMDL Technical Report. Included with this Task Order is a scope of work and budget providing a detailed description of support services to be performed through FYE 2023 by the consultant, GEI Consultants, as highlighted below:

TMDL Implementation Support Activities:

- Revise Implementation Elements
- Key Technical Updates
- Other Document Updates
- References/Administrative Record
- Regional Project Implementation
- Task Force Meeting Participation

Due to internal delays by Regional Board staff and staff turnover, the Basin Plan Amendment process has taken far more time than originally anticipated and further justification of the new TMDL for new Regional Board staff will be needed. It is anticipated that the effort to revise and

update the Lake Elsinore and Canyon Lake nutrient TMDLs will continue into the foreseeable future, including the effort of the State and EPA to approve the update as an amendment to the Basin Plan. In conformance with the TMDL update, several TMDL implementation support activities as defined will be necessary for the coming fiscal year.

BACKGROUND

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

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

In October 2015, in response to a request for qualifications issued by LESJWA, the members of the LE&CL Task Force Technical Advisory Committee unanimously recommend the selection of CDM Smith to lead the effort to revise and update the LE&CL nutrient TMDLs. CDM Smith was selected by a proposal technical review committee composed of task force agencies, based upon the consultant's substantial knowledge of the TMDLs and professional expertise of consultants assembled for their team.

On December 17, 2015, the LESJWA Board approved the selection of CDM Smith and authorized the first of a series of Task Orders with CDM Smith to revise and update the LE&CL nutrient TMDLs. Expenses incurred by CDM Smith to date remain within budget of the overall TMDL Update effort proposed by the consultant, and on time according to their original schedule.

On October 20, 2016, the members of the LE&CL Task Force unanimously recommended the second in a series of Task Orders prepared by CDM Smith to complete the effort to revise and update LE&CL nutrient TMDLs Technical Document and submit a final Basin Plan Amendment package to the Regional Board.

On December 21, 2017, the members of LE&CL Task Force unanimously recommended the third in a series of Task Orders prepared by CDM Smith to complete the effort to revise and update the LE&CL Nutrient TMDLs Technical Document and submit a final Basin Plan Amendment package to the Regional Board.

On December 10, 2018, the members of the LE&CL Task Force unanimously recommended a Change Orders to the CDM Smith agreement to further support the TMDL adoption process and TMDL related implementation activities ongoing during the Basin Plan amendment process.

On June 18, 2020, the members of the LE&CL Task Force unanimously recommended a Task Order for CDM Smith agreement to further support the TMDL adoption process and TMDL related implementation activities ongoing during the Basin Plan amendment process.

On September 28, 2021, the members of the LE&CL Task Force unanimously recommended for approval a proposal from CDM Smith for technical support to LE&CL Task Force and update and revise the technical document. Included in this proposal were additional technical support services to the LE&CL Task Force during this ongoing process.

On August 18, 2022, the members of the LE&CL Task Force unanimously recommended for approval a proposal from CDM Smith to further support the process to update and revise the technical document. Included in this proposal were additional technical support services to the LE&CL Task Force during this ongoing process.

RESOURCES IMPACT

All funding for this Task Order is provided by the TMDL Task Force FY 2022-23 Budget for an amount not-to-exceed \$138,320. All staff contract administration time for this contract will be taken from the TMDL budget and funded by the TMDL Stakeholders.

Attachments:

1. GEI Consultants General Services Agreement
2. GEI Consultants Task Order No. GEI160-01
3. GEI Consultants Scope of Work, cost estimate and rate schedule
4. CDM Smith letter dated November 30, 2022 regarding Task Order CDM160-06

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AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT

This Agreement is made this **15th day of December, 2022** by and between the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) whose address is 11615 Sterling Avenue, Riverside, CA 92503, and GEI Consultants, Inc. ("Consultant") whose address is 400 Unicorn Park Drive, Woburn MA 01801.

RECITALS

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

- LESJWA desires to engage the professional services of Consultant to perform such professional consulting services as may be assigned, from time to time, by LESJWA in writing.
- Consultant agrees to provide such services pursuant to, and in accordance with, the terms and conditions of this Agreement and has represented and warrants to LESJWA that Consultant possesses the necessary skills, qualifications, personnel, and equipment to provide such services.
- The services to be performed by Consultant shall be specifically described in one or more written Task Orders issued by LESJWA to Consultant pursuant to this Agreement.

AGREEMENT

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

ARTICLE I **TERM OF AGREEMENT**

1.01 This agreement shall become effective on the date first above written and shall continue until **December 31, 2025**, unless extended or sooner terminated as provided for herein.

ARTICLE II **SERVICES TO BE PERFORMED**

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

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

ARTICLE III **COMPENSATION**

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

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

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

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

ARTICLE IV
OBLIGATIONS OF CONSULTANT

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

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

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

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

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

damage to property or persons caused by the negligence, recklessness, or willful misconduct of Consultant in performing services assigned by LESJWA.

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

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

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

ARTICLE V
OBLIGATIONS OF LESJWA

5.01 LESJWA shall

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

ARTICLE VI
ADDITIONAL SERVICES, CHANGES AND DELETIONS

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

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

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

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

ARTICLE VII
CONSTRUCTION PROJECTS:
CHANGE ORDERS FOR CONSTRUCTION CONSULTANT

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

ARTICLE VIII
TERMINATION OF AGREEMENT

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

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

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

ARTICLE IX
STATUS OF CONSULTANT

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

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

ARTICLE X
AUDIT; OWNERSHIP OF DOCUMENTS

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

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

reproduce such records.

ARTICLE XI
MISCELLANEOUS PROVISIONS

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

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

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

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

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

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

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

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

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
TASK ORDER NO. GEI160-01

CONSULTANT: GEI Consultants, Inc. **VENDOR NO.:** 2213
400 Unicorn Park Drive
Woburn, MA 01801

COST: **\$138,320.00**

PAYMENT: Upon Receipt of Proper Invoice

REQUESTED BY: Rick Whetsel, Senior Watershed Manager December 15, 2022

FINANCE: _____
Karen Williams, Deputy GM/CFO Date

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

COMMISSION AUTHORIZATION REQUIRED: YES (X) NO ()
Authorization: December 15, 2022; LES#2022.26

This Task Order is issued upon approval and acceptance by the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) and GEI Consultants, Inc. (Consultant) pursuant to the Agreement for Services between LESJWA and Consultant, entered into on December 15, 2022, expiring December 31, 2025.

I. PROJECT NAME OR DESCRIPTION

TMDL Update & Technical Support to LE&CL TMDL Task Force FY 2022-23

II. SCOPE OF WORK / TASKS TO BE PERFORMED

Consultant shall provide all labor, materials, equipment, and technical support to the LE&CL TMDL Task Force to update and revise the technical document and provide technical support services. This includes the following updates to the TMDL Technical Document: revising the implementation elements, key technical updates, as well as other document updates and preparing the references/administrative record. The consultant will also provide technical staff support to the Task Force with respect to the implementation of regional off set projects and participate in Task Force Meetings (Proposal attached). The GEI project manager for this work will be Steven Wolosoff and if GEI makes any changes in this role, they are to notify LESJWA three (3) months in advance in order to ensure continuity of work effort.

III. PERFORMANCE TIME FRAME

Consultant shall begin work January 1, 2023 and shall complete performance of such services by or before **December 31, 2023**.

IV. LESJWA LIAISON

Rick Whetsel will 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 **\$138,320.00**. Payment for such services shall be made within 30 days upon receipt of proper and timely invoices from Consultant, as required by the above-mentioned Agreement. Each such invoice shall be provided to LESJWA by Consultant within 15 days after the end of the month in which the services were performed.

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 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

Dale Welty, LESJWA Chair	Date
--------------------------	------

GEI CONSULTANTS, INC.

(Signature)	Date	Print/Type Name and Title
-------------	------	---------------------------

November 21, 2022

Consulting
Engineers and
Scientists

Mark Norton
Senior Engineer
Lake Elsinore and San Jacinto Watershed Authority (LESJWA)
Santa Ana Watershed Project Authority
Sterling Way
Riverside, CA 92501

Subject: **Proposal for Technical Support to Lake Elsinore/Canyon Lake TMDL Task Force, including Update to the 2018 TMDL Technical Report**

In June 2015, the Lake Elsinore Canyon Lake Task Force (“Task Force”) petitioned the Santa Ana Regional Water Quality Control Board (Regional Board) to reopen and revise the Nutrient TMDLs for Lake Elsinore and Canyon Lake based on the wealth of new information developed over the previous 10 years. Following approval of the petition, a consulting team was contracted to develop the scientific technical documentation (“TMDL Technical Report”) and administrative record needed to support adoption of revised TMDLs. In December 2018, the TMDL Technical Report and administrative record was submitted by the Task Force to support adoption of revised TMDLs. Peer review comments were received from six water quality experts in the west and provided to the TMDL Task Force on November 6, 2019. The technical team provided 1) draft responses to peer review comments on February 20, 2020 and 2) supplemental documents to fulfill Regional Board requests for additional synthesis of supporting data and modeling in December 3, 2020. Following review of these documents, the Regional Board determined that further study in the form of lake water quality modeling analysis would be needed to effectively respond to the peer review and understand the sensitivity of assumptions that comprise the basis of the 2018 TMDL Technical Report. Results of the supplemental modeling were completed in June 2021 and presented to the Task Force over the course of several meetings. A technical memorandum documenting the modeling results was submitted to the Task Force on March 28, 2022.

Regional Board staff determined that it would be necessary to revise the basis for the reference watershed condition to allow for support of the TMDL revision. The requested substantial changes to the reference watershed condition impact multiple elements of the revised TMDLs as documented in the TMDL Technical Report, including allocations, linkage analyses, and numeric targets. In addition, the Task Force and Regional Board seek to revise the TMDL implementation program to prescribe a new adaptive framework with interim and final targets to incorporate a process to allow for consideration of new

confirmatory monitoring results below undeveloped canyons within the watershed in the future. For these reasons, the Task Force believes revision to the previously submitted TMDL Technical Report is necessary. This undertaking would also allow water quality data, watershed analyses, and lake models to be updated using data collected through December 2020.

Scope of Work

GEI Consultants, Inc. (GEI) will support the Task Force in the revision of the 2018 TMDL Technical Report. Changes will be made to incorporate the 25th percentile of the Cranston Guard Station data to serve as the reference watershed nutrient concentrations for final allocations and targets. Interim allocations and targets will be based on the median of the same data set. The implementation program will be revised to prescribe the adaptive framework for moving from interim to final targets. The revision to the TMDL Technical Report will also update the water quality data characterization, source assessment, and lake modeling analyses based on data available through 2020. Lastly, the presentation of lake water quality models in the existing linkage analysis will be updated to be based on new lake water quality modeling tools and relevant modeling documentation will be packaged for inclusion in the administrative record.

GEI will use regular Task Force meetings to inform stakeholders of key analyses, changes associated with updated supporting data, and any unforeseen matters requiring direction. Key technical content and notification of any specific items that the team seeks agreement on will be provided one week prior to Task Force meetings to allow time for review by members in advance of meetings. The purpose of this scope of work and budget is to prepare revisions to the 2018 TMDL Technical Report as described in the tasks below. These tasks would be conducted from January 1, 2023 through June 30, 2023.

Task 1. Revise Implementation Elements

GEI will update existing Sections 7 (Implementation) and 9 (Demonstrating Compliance) of the 2018 TMDL Technical Report. This effort includes revising (1) the Program of Implementation to be consistent with the key principals document developed to gain consensus from the Task Force (watershed stakeholders and Regional Board staff) on a path forward to revise the TMDLs; and (2) related elements in Sections 7 and 9 including revising the summary of previous studies, characterization of existing controls, and description of approaches for demonstrating compliance. The updates to these Sections will not include any quantitative assessment of the effectiveness of watershed or in-lake controls.

As specified in the Key Principals document for Potential Revision of the TMDL Technical Report (final signed on October 31, 2022), agreement on the key components of the program of implementation will be agreed upon by the Task Force prior to GEI conducting work on Tasks 2 through 4.

Task 2. Key Technical Updates

GEI will complete updates to models, data analyses, and the related supporting technical content in the following TMDL Technical Report sections:

- Numeric Targets (Section 3) - update numeric target figures and tables with new lake water quality model results, rework "Characterization of Reference Condition", incorporate interim milestones for response targets.
- Source Assessment (Section 4) - update to 2020 hydrology inputs, update to 2020 graphs, tables, including Mystic Lake overflow analysis, watershed model update with updated 2019 land use mapping, estimation of volume and nutrient retention within Canyon Lake, and export daily internal load from GLM and AEM3D.
- Linkage Analysis (Section 5) - complete revision of section to describe new models and document calibration from recently completed migration tasks. It is assumed that modeling reported in the March 24, 2022 technical memorandum (submitted March 28, 2022) will serve as the basis for TMDL numeric targets and that no new model simulations would be required.
- Allocations (Section 6) – update existing tables to serve as the interim allocation milestones, create new tables for the final allocation milestones based on the revised reference watershed condition, incorporate errata developed in 2019 as needed, update existing load reductions by jurisdiction based on the updated watershed model.

Task 3. Other Document Updates

GEI will ensure consistency with modifications to other sections where less substantial changes to technical content are anticipated, including:

- Executive Summary
- Section 1 - Introduction
- Section 2 - Problem Statement – update water quality figures and tables consistent with materials included in the 2020 compliance assessment report, update sections on Lake Elsinore fish community, zooplankton, and phytoplankton based on recently complete Fishery Management Report.
- Section 8 - Monitoring Program
- Section 10 – CEQA (cost estimate assumes CEQA findings will remain the same as described in the existing TMDL Technical Report)
- Section 11 - Economic Considerations (cost estimate does not include any new or revised supporting cost analyses)

Task 4. References/Administrative Record

GEI will update the administrative record with new information used in the preparation of the revised TMDL Technical Report including pertinent correspondence since the 2018 submittal of the existing report, complete packages of model inputs, parameters, and other model related documentation.

Task 5. Meeting Participation and Regional Project Implementation Support

Routine Task Force meetings will occur in fiscal year 2023 to coordinate regional project implementation activities and maintain collaboration among stakeholders. GEI will prepare technical presentation materials to support any of these meetings regarding ongoing or new TMDL implementation activities, including, for example, the Canyon Lake alum addition project and provide updates on activities associated with TMDL revision. The basis for this level of effort estimate involves a total of 3 hours for participation and 7 hours to prepare slides, handouts, and supporting technical analyses. Travel expenses for GEI are included to cover one in-person meeting. GEI will also participate in periodic teleconferences with LESJWA, Tess Dunham, and Task Force Stakeholders on an as needed basis to facilitate execution of the overall project. Any project management activities, e.g., processing of subcontractor invoices and preparation of invoices by GEI’s contract administrator will be covered under this task. The level of effort for this task is summarized below.

Key Personnel

Key personnel for the proposed additional services include Steve Wolosoff and Richard Meyerhoff (GEI). Additional technical expertise for lake modeling will be provided by Paula Kulis (CDM Smith) and Dr. Michael Anderson.

Project Schedule

GEI will complete a draft of Chapters 7 and 9 for Task Force review prior to February 6, 2023. As specified in the Key Principals document for Potential Revision of the TMDL Technical Report (final signed on October 31, 2022), agreement on the key components of the program of implementation will be agreed upon by the Task Force prior to GEI conducting work on Tasks 2 through 4. In order to update the full TMDL Technical Report prior to June 30, 2023, GEI requires direction from the Task Force to proceed with Tasks 2-4 by February 20, 2023.

Estimated Budget

GEI proposes to complete the selected elements within this scope of work based on a time and materials basis in accordance with standard 2023 bill rates. The total budget for each of the tasks identified in this scope of work is \$138,320 as shown in the table below. This work will be performed over the period of January 1, 2023 through June 30, 2023.

Task	Cost
1. Revise Implementation Elements	\$ 20,780
2. Key Technical Updates	\$ 71,780
3. Other Document Updates	\$ 14,860
4. References/Administrative Record	\$ 13,360
5. General Technical Support for Task Force	\$17,540
Total	\$ 138,320

Closing


Please call me at 781-430-9150 or Richard Meyerhoff at 303-345-3083 if you any questions regarding our proposal or need any further information. We look forward to assisting LESJWA in conducting these proposed tasks.

Sincerely,

GEI CONSULTANTS, INC.



Steve Wolosoff, BCES, PMP
Senior Project Manager



Richard Meyerhoff, Ph.D
Senior Water Quality Specialist

SW/MWS:jmm

Attachment

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GEI SAWPA 2022 LIFE SCIENCES FEE SCHEDULE AND PAYMENT TERMS

FEE SCHEDULE

<u>Personnel Category</u>	<u>Hourly Billing Rate \$ per hour</u>
Staff Professional – Grade 1	\$ 130
Staff Professional – Grade 2	\$ 140
Project Professional – Grade 3	\$ 155
Project Professional – Grade 4	\$ 175
Senior Professional – Grade 5	\$ 205
Senior Professional – Grade 6	\$ 235
Senior Professional – Grade 7	\$ 280
Senior Consultant – Grade 8	\$ 300
Senior Consultant - Grade 9	\$ 325

Senior CADD Drafter / Designer / GIS	\$ 135
CADD Drafter / Designer	\$ 115
Field Professional	\$ 120
Technician 1	\$ 90
Technician 2	\$ 95
Technician 3	\$ 100
Technician 4	\$ 105
Word Processor, Administrative Staff	\$ 115
<u>Office Aide</u>	<u>\$ 95</u>

These rates are billed for both regular and overtime hours in all categories.

Rates will increase up to 5% annually, at GEI's option, for all contracts that extend beyond twelve (12) months after the date of the contract. Rates for Deposition and Testimony are increased 1.5 times.

OTHER PROJECT COSTS

Third Party Project Charges – All third party project charges will be billed at cost plus a 5% service charge. Examples of such charges include chemical laboratory charges; rented or leased equipment; printing and communication costs; shipping and mailing costs; sample disposal costs; transportation costs, project permits, and licenses.

Field Equipment Charges – GEI-owned field equipment will be billed at the following rates:

Backpack and shoreline electro-fishers	\$ 175/day	Invertebrate equipment package	\$ 60/day
Boat electro-fisher	\$ 450/day	Flow meter	\$ 90/day
Boat only	\$ 280/day	Multi-probe	\$ 170/day
IFIM equipment package	\$ 90/day		

Transportation Charges - Automobile expenses for GEI or employee owned cars will be charged at the rate per mile set by the Internal Revenue Service for tax purposes plus tolls and parking charges or at a rate negotiated for each project. When required for a project, four-wheel drive vehicles owned by GEI or the employees will be billed at \$25/day plus mileage. Travel costs including airfare, rental vehicles, taxis, parking, tolls, and other transportation charges will be billed at cost plus 5% service charge.

Subsistence – Lodging and meal costs at job sites, and in transit to and from job sites, will be billed at cost plus 5% service charge.

PAYMENT TERMS

Invoices will be submitted monthly or upon completion of a specified scope of service, as described in the accompanying contract (proposal, project, or agreement document that is signed and dated by GEI and CLIENT). Payment is due upon receipt of the invoice. Interest will accrue at the rate of 1% of the invoice amount per month, for amounts that remain unpaid more than 30 days after the invoice date. All payments will be made by either check or electronic transfer to the address specified by GEI and will include reference to GEI's invoice number.



75 State Street, Suite 701
Boston, Massachusetts 02109
tel: 617 452-6000

November 30, 2022

Richard Whetsel
Senior Watershed Manager
Santa Ana Watershed Project Authority (SAWPA)
11615 Sterling Avenue
Riverside, CA 92503

Subject: LE&CL TMDL Task Force Task Order CDM160-06

Dear Mr. Whetsel:

In July 2022, the LE&CL TMDL Task Force approved Task Order CDM160-06. This Task Order was made to CDM Smith. This Task Order has not yet been enrolled by CDM Smith. Recent discussions have led to an agreement that it not be enrolled by CDM Smith; rather, it will be re-issued by the Task Force to GEI, with CDM Smith included as a sub consultant.

This letter is to formally document that CDM Smith, GEI and the LE&CL Task Force all agree to the above arrangement. CDM Smith staff will use the remaining funds in the current Task Oder CDM160-05 to prepare for TMDL Technical Report revisions that are anticipated in 2023 (the revisions will take place under a subcontract with GEI in 2023). This preparation includes coordinating model files with Dr. Michael Anderson.

Please contact Rebecca Dunavant or Alberto Acevedo with any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Alberto Acevedo'.

Alberto Acevedo CSL
Sr Vice President
CDM Smith Inc.



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LESJWA BOARD MEMORANDUM NO. 2022.27

DATE: December 15, 2022
TO: LESJWA Board of Directors
SUBJECT: LESJWA Board Workshop
PREPARED BY: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors authorize the inclusion of a workshop at the February 16, 2023 LESJWA Board of Directors Regular Meeting to discuss LESJWA governance and background including review of past LESJWA Business Plan, governance structure, finance support, legal support and administrative staff support.

BACKGROUND

Over the past year, a number of changes have occurred or will occur in the LESJWA Administration activities. On August 1, 2021, the LESJWA legal counsel, David L. Wysocki retired and informed LESJWA that he was stepping down from his role in support of LESJWA. The LESJWA Board considered options to either use SAWPA's legal counsel, Lagerloff LLP to cover legal services and prepare a Request for Proposal (RFP) for LESJWA Legal Counsel Support. It was the consensus of the Board to utilize SAWPA's legal counsel for the interim. It was also reported in subsequent meetings that since the budget for legal services is so low, approximately \$1,100.00, the cost to prepare an RFP and secure a separate legal firm for such a low amount was not cost effective at this time.

In February 2022, LESJWA was informed that the LESJWA Authority Administrator, Mark Norton, who also serves as the Water Resources & Planning Manager for SAWPA would be retiring in late spring of FY 2022-23. Further, the LESJWA Board on June 17, 2021, indicated that rather than formally extending administration of LESJWA by SAWPA for another three fiscal years which has typically been conducted since LESJWA was formed in 2000, the Board preferred to discuss options with the understanding that SAWPA's role as administrator would continue through FY 2022-23. The workshop is intended to explore support options for LESJWA into the future, including the previous LESJWA Business Plan, governance structure, management, administration, legal and finance support.

In October 2022, the LESJWA Board directed staff to conduct a poll among the LESJWA Board to determine if there was sufficient interest in a workshop and if so, what discussion topics should be included. Based on feedback received from the LESJWA Board members, a draft agenda is attached for the February 16, 2023, LESJWA Board of Directors Regular Meeting.

RESOURCES IMPACT

Sufficient labor resources exist under the current LESJWA FY 2022-23 Budget to conduct a workshop of this nature.

Attachments:

1. Draft Agenda for the February 16, 2023 LESJWA Board of Directors Regular Meeting

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Lake Elsinore & San Jacinto Watersheds Authority



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

**LESJWA BOARD OF DIRECTORS REGULAR MEETING
AND WORKSHOP
THURSDAY, FEBRUARY 16, 2023 – 4:00 P.M.**

AGENDA

1. CALL TO ORDER (Dale Welty, 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. ITEMS TO BE ADDED OR DELETED

Pursuant to Government Code §54954.2(b), items may be added on which there is a need to take immediate action and the need for action came to the attention of Lake Elsinore & San Jacinto Watersheds Authority subsequent to the posting of the agenda.

5. 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: DECEMBER 15, 2022

Recommendation: Approve as posted.

B. TREASURER'S REPORT: OCTOBER 2022 – DECEMBER 2022

Recommendation: Approve as posted.

C. TMDL TASK FORCE MEETING MINUTES: DECEMBER 2022 – JANUARY 2023

Recommendation: Approve as posted

6. NEW BUSINESS

A. OFFICER ASSIGNMENT (LES#2023.01)

Presenter: Mark Norton

Recommendation: Approve the new officer of the LESJWA Board to fill in for past EVWMD representative for remaining portion of two-year term through December 31, 2023.

B. REPORT ON AUDIT FOR FISCAL YEAR ENDING JUNE 30, 2022 (LES#2023.02)

Presenter: Karen Williams

Recommendation: Receive and file the FY 2021-22 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.

7. WORKSHOP DISCUSSION AGENDA

- A. LESJWA JPA AND MISSION
- B. LESJWA BUSINESS PLAN HIGHLIGHTS
- C. LESJWA ADMINISTRATIVE SUPPORT
- D. LESJWA ACCOMPLISHMENTS TO DATE
- E. IN-LAKE TREATMENT PROJECTS, PAST AND FUTURE
- F. BLUEWATER RENEWABLE ENERGY STORAGE PROJECT (FORMERLY LEAPS) AND LESJWA’S ROLE, IF ANY
- G. OTHER

8. ADMINISTRATOR’S COMMENTS

9. DIRECTORS’ COMMENTS

10. CLOSED SESSION

There were no Closed Session items anticipated at the time of the posting of this agenda.

11. ADJOURNMENT

PLEASE NOTE:

Americans with Disabilities Act: If you require any special disability related accommodations to participate in this meeting, call (951) 354-4220 or email zramirez@sawpa.org. 48-hour notification prior to the meeting will enable staff to make reasonable arrangements to ensure accessibility for this meeting. Requests 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 of Directors after distribution of the agenda packet are available for public inspection during normal business hours at the LESJWA’s office, 11615 Sterling Avenue, Riverside, and available at www.mywatersheds.com, subject to staff’s ability to post documents prior to the meeting.

Declaration of Posting

I, Zyanya Ramirez, Clerk of the Board of the Lake Elsinore and San Jacinto Watersheds Authority declare that on xxxxx, a copy of this agenda has been uploaded to the LESJWA website at www.mywatersheds.com and posted at LESJWA’s office, 11615 Sterling Avenue, Riverside, California.

 \Z\

2023 - LESJWA Board of Directors Regular Meetings

Third Thursday of Every Other Month

(NOTE: Unless otherwise noticed, all LESJWA Board of Directors Meetings begin at 4:00 p.m., and held at EVMWD)

February 16, 2023	April 20, 2023
June 15, 2023	August 17, 2023
October 19, 2023	December 21, 2023

LESJWA BOARD MEMORANDUM NO. 2022.28

DATE: December 15, 2022

TO: LESJWA Board of Directors

SUBJECT: Lake Elsinore Bluewater Renewable Energy Storage Project Update

PREPARED BY: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Receive and file.

BACKGROUND

In early 2022, LESJWA was informed by the State of California that the Lake Elsinore Advanced Pump Storage (LEAPS) project's license application was dismissed by Federal Energy Regulatory Commission (FERC) due to lack of requested information from the applicant. Then on July 14, 2022, Mr. Paul Anderson, Vice President Sustainability for Bluewater Renewable Energy LLC contacted LESJWA staff to share that the Lake Elsinore Advanced Pump Storage Project had made changes to project ownership, management and proposed project configuration. Mr. Anderson requested the opportunity to meet with LESJWA Board and discuss the proposed enhancements to water quality and the sustainability of Lake Elsinore.

On October 20, 2022, Mr. Paul Anderson provided a presentation about the Lake Elsinore Bluewater Renewable Energy Storage Project and updates to the design compared to the previous conceptual project known as the Lake Elsinore Advanced Pumped Storage (LEAPS) Project.

Bluewater Renewable Energy has made multiple presentations since the Oct. LESJWA Board meeting including a community outreach event to the community of Lakeland Village, to the City of Lake Elsinore staff and to the LE/CL TMDL Task Force. As previously encouraged by the LESJWA Board, status reports on the Lake Elsinore project have been included as a standing informational item on the LESJWA Board agendas. Another update presentation will be provided by Mr. Paul Anderson for the LESJWA Board.

BUDGET IMPACT

None.

Attachments:

1. PowerPoint Presentation

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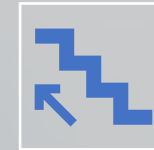
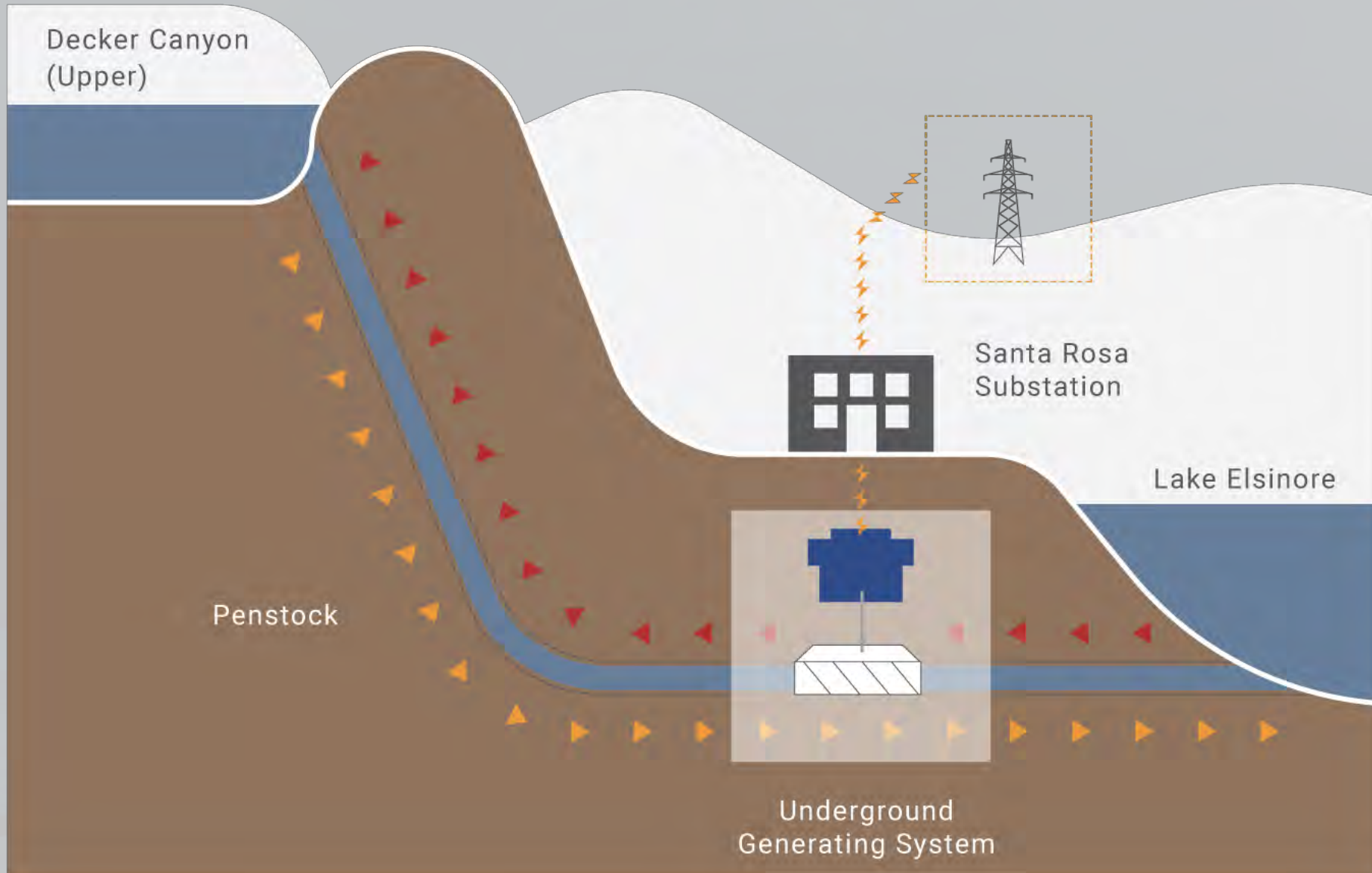
BLUEWATER

RENEWABLE ENERGY STORAGE

BLUEWATER



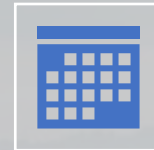
Project Summary



1,500 feet elevation between upper reservoir and Lake Elsinore



500 MW Discharge over 10 hour period



FERC Hydro License January 2025
In-service January 2030



\$2.5 B infrastructure investment
Critical to meet the needs of a renewable energy power grid

Project Reconfiguration based on Feedback



- Southern 20-mile 500kV transmission line eliminated
- Relocated the northern 12-mile 500 kV transmission line out of the Cleveland National Forest to an 8-mile urban route
- Reduced line voltage from 500 to 230 kV to enable buried or underground installation where practical
- Added commitments to the improvement of the sustainability of Lake Elsinore (next slide).

Key Benefits to the Waters of Lake Elsinore

BLUEWATER

1

Maintain “target” level of Lake Elsinore at 1,240 feet through purchase of initial start-up water and annual make-up water purchases.

2

Oxygenate the water on return from the upper reservoir to Lake Elsinore to improve aquatic habitat and reduce the likelihood of toxic algae blooms.

3

Use of State Project Water in start-up and make-up water would improve overall water quality in Lake Elsinore.

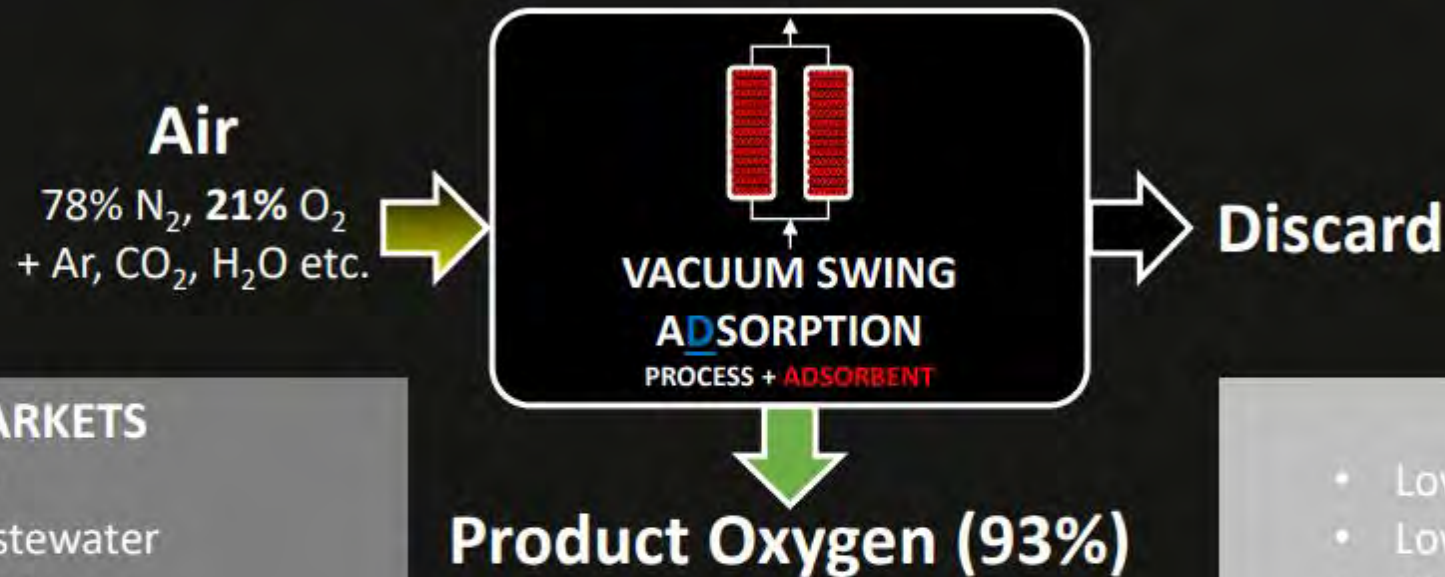
4

Improve the quality of reclaimed water flowing into Lake Elsinore and to support other freshwater sourcing initiatives.

5

Increase the capacity of the upper reservoir to store additional water to maintain lake levels during extreme drought and to mitigate rare flood events.

Vacuum Swing Adsorption (VSA)



MARKETS

- Aquaculture
- Water & Wastewater
- Medical Oxygen
- Mining & Gold Processing
- Pulp & Paper
- Environmental Abatement
- Pharma Effluent Treatment

PRIMARY TARGETS

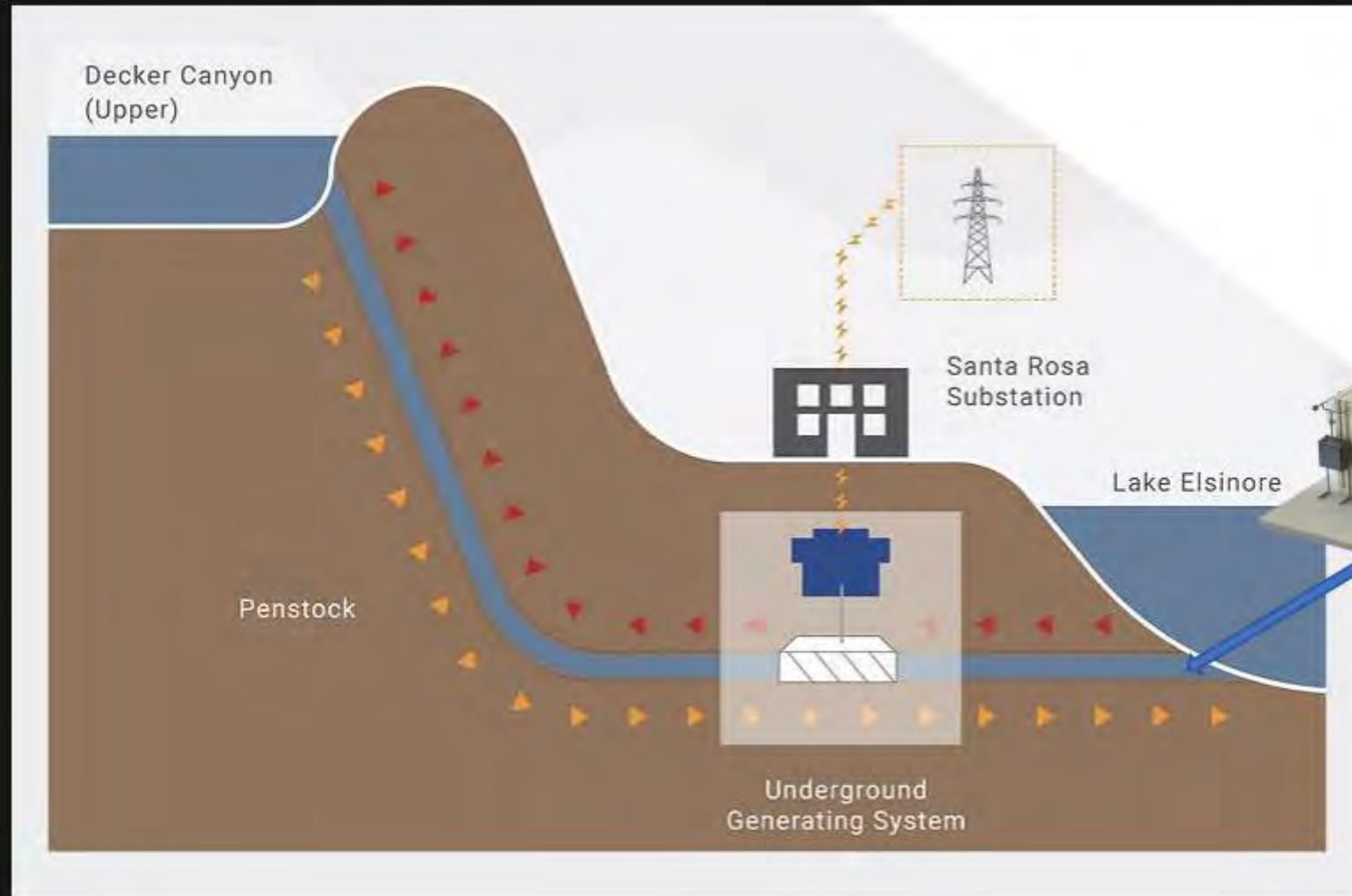
- Low operating costs
- Low maintenance costs
- High reliability and up time

SECONDARY TARGETS

- Low CO₂ footprint
- Smaller equipment size

Enrichment of Dissolved Oxygen

BLUEWATER





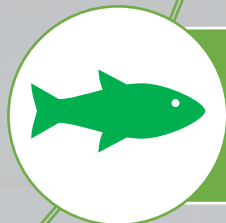
Develop a water supply plan for the Project, working with local and regional water agencies and authorities.



Progress plans for dissolved oxygen enrichment including determination of technology (e.g. vacuum-swing adsorption or liquid oxygen injection), sizing and develop a preliminary design.



Work with local and regional water agencies and authorities to determine if the Project could assist in the improvement of the quality of reclaimed water flowing into Lake Elsinore and/or to support other freshwater sourcing initiatives.



Work with local and regional water agencies and authorities to determine if the Project can assist in initiatives for the improvement of the health and long-term viability of Lake Elsinore.





Filed Amended FERC Hydro License Application
October 21, 2022



Lake Elsinore Open House October 15, 2022
Lakeland Village Open House December 6, 2022



Meetings continue with Key Stakeholders, Agencies and
Authorities



Work on Key Water Initiatives



Awaiting Decision from FERC and Cooperating Agencies regarding
Re-instatement of Application



Continue Work to Improve our Design and Develop Work Plans
for Additional Studies Required

LESJWA BOARD MEMORANDUM NO. 2022.29

DATE: December 15, 2022
TO: LESJWA Board of Directors
SUBJECT: Lake Elsinore & Canyon Lake TMDL Task Force Update
PREPARED BY: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Receive and file.

DISCUSSION

Work continues by the LE/CL TMDL Task Force and its consultants on the Draft Staff Report/TMDL Revision Technical Report (TMDL Revision Technical Report) for Lake Elsinore, Canyon Lake, and the San Jacinto River Watershed. This report contains all the required elements for revision of the 2004 TMDLs, including revised Numeric Targets for both Lakes and reflects further updated land use and possible further reductions of nutrients discharged to the Lakes.

In 2020 after retirement of some Regional Board staff involved with the TMDL Revision, new Regional Board staff were hired and extensive review of the Task Force consultants' feedback to peer reviewers occurred. Additional modeling scenarios were requested by Regional Board staff, supported by the Task Force and approved by the LESJWA Board in February 2021 for the consultant, CDM Smith, to conduct this work. This work was completed by April 2021; however, the Regional Board staff has maintained a stance of a more stringent nutrient background level commonly referred to as 25% percentile compared to what was originally proposed by the task force consultant, CDM Smith. This has resulted in the need to conduct extensive changes to the nutrient load allocations from each TMDL party and more edits to the draft TMDL Update and Revision Report. It will also mean greater challenges for some TMDL parties to meet compliance.

In the summer of 2022, the Task Force's regulatory advisor, Tess Dunham, presented a set of principles and an implementation workplan with the Regional Board reflecting transitional period for full compliance. This workplan provided an outline of tasks for the Task Force to prepare an Implementation Plan of the TMDL Report. Ms. Dunham had worked with the Task Force, the Task Force consultant, CDM Smith and the Regional Board on this plan. On August 17th the Key Principles for Potential Revision of the TMDL Technical Report: Revision to the Lake Elsinore and Canyon Lake Nutrient TMDLs was shared with the LE/CL TMDL Task Force and approved for submittal to Regional Board for their signature.

On September 27, 2022 a draft document outline, referred to as "Attachment A." was prepared and shared by Tess Dunham with the LE/CL TMDL Task Force. This document outlines the language changes in the Basin Plan and will accompany the draft resolution to amend Santa Ana River Basin Plan to revise the LE&CL TMDLs. This document is different than the TMDL Technical document, which supports the revisions to the Basin Plan.

The specific components of Attachment A are listed as follows:

- a. Translation/Expression of Wasteload Allocations into NPDES Permits
- b. Elsinore Valley Municipal Water District
- c. Municipal Storm Sewer Systems
- d. Confined Animal Feeding Operations
- e. Translation/Expression of Load Allocations into Waste Discharge Requirements and Conditional Waivers

The Attachment A document will include the proposed Phase II (years 1-20) Tasks. Work continued by Ms. Dunham and the consulting team will continue to work on the language regarding these items and will discuss further at future Task Force meetings.

The LE/CL TMDL Task Force and LESJWA are continuing to conduct alum applications to Canyon Lake with the last application occurring in October 10th to 14th. The task force continues to receive reports on required watershed and lake monitoring activities that they are funding. Of particular interest is the continued separate monitoring of Lake Elsinore by the Regional Board for Harmful Algae Blooms (HAB). As of late September 2022, the lake remained closed due to high microcystin levels resulting in "Danger" level signage posting continuing around the lake. In September 2022, the City closed the Lake for water contact level recreation. As winter continues, it is hoped that these HAB levels will drop allowing the lake to reopen.

BUDGET IMPACT

None