



LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
AGENDA

BOARD OF DIRECTORS MEETING

ELSINORE VALLEY MUNICIPAL WATER DISTRICT

31315 Chaney Street
 Lake Elsinore, California 92531
 951.674.3146 (EVMWD) / 951.354.4240 (LESJWA)

Thursday, October 19, 2017 – 4:00p.m.

CALL TO ORDER/PLEDGE OF ALLEGIANCE (Chair Robert Magee)

ROLL CALL: __SAWPA __EVMWD __CITY OF LAKE ELSINORE __CITY OF CANYON LAKE
 __COUNTY OF RIVERSIDE

PUBLIC COMMENTS:

Members of the public may address the Board on any item that is within the Board’s jurisdiction; however, no action may be taken on an item appearing on the agenda unless the action is otherwise authorized by Subdivision (b) Section 54954.2 of the Government Code. Members of the public are requested to provide a public comment notice card to the Board Clerk prior to the meeting in order to speak. The public is given a maximum of five minutes to speak on an issue following discussion of an agenda item.

CONSENT CALENDAR

Consent Calendar items are considered routine and non-controversial, to be acted upon by the Board at one time without discussion. If a Board member or staff member requests that an item be removed from the Consent Calendar, the item will become the first item of business on the agenda.

1.0 MINUTES.....3
RECOMMENDATION: Approve the Minutes of the Board of Directors meeting held June 15, 2017.

1.1 TREASURER'S REPORTS.....7
RECOMMENDATION: Receive and file financial statements from May and June 2017.

1.2 COMMITTEE STATUS REPORT..... 19
RECOMMENDATION: Receive and file a status report from the Education and Outreach Committee meeting held on July 11, 2017.

1.3 TMDL TASK FORCE REPORT.....21
RECOMMENDATION: Receive and file a status report from the Lake Elsinore and Canyon Lake TMDL Task Force meetings held on Jun. – Sept. 2017.

End of Consent Calendar

- 2.0 LOCAL AGENCY INVESTMENT FUND (LAIF) AUTHORIZING CHANGE RESOLUTION (Memo 816).....25**
RECOMMENDATION: Approve a resolution authorizing investment of monies in the Local Agency Investment Fund.

- 3.0 CANYON LAKE ALUM APPLICATION STATUS/ EPA DRAFT ALUMINUM CRITERIA (Memo 817).....27**
RECOMMENDATION: Receive and file this status report for the Canyon Lake Alum Application and draft EPA Aluminum Criteria.

- 4.0 LESJWA EDUCATION AND OUTREACH STATUS REPORT (Memo 818).....29**
RECOMMENDATION: Receive and file this status report on LESJWA education and outreach by LESJWA’s consultant, DeGrave Communications.

- 5.0 LAKE ELSINORE & CANYON LAKE WATER QUALITY CONDITIONS STATUS REPORT (Memo 819).....31**
RECOMMENDATION: Receive and file this status report from Nicole Dailey, City of Lake Elsinore, and LESJWA staff about the Lake Elsinore and Canyon Lake water quality conditions.

- 6.0 LAKE ELISNORE ADVANCED PUMPED STORAGE PROJECT UPDATE (Memo 820).....33**
RECOMMENDATION: Receive input and direct staff regarding preparing a LESJWA comment letter to Federal Energy Regulatory Commission under their solicitation for requests for additional study by Dec. 1, 2017.

- 7.0 ADMINISTRATOR’S COMMENTS**

- 8.0 DIRECTORS’ COMMENTS**

- 9.0 ADJOURN**

NEXT BOARD OF DIRECTORS MEETING: Thursday, December 21, 2017 at 4:00 p.m.

Meeting Materials related to items on this Agenda submitted to the Board after distribution of the agenda packet, are available to the public during regular business hours at the Authority’s headquarters: 11615 Sterling Avenue, Riverside, CA 92503.

ADA Compliance: Any person with a disability who requires accommodation in order to participate in this meeting may contact the Board Clerk, Dawna Munson at 951.354.4247, at least 48 hours prior to the meeting to request a disability-related modification.

Declaration of Posting

I, Dawna Munson, Board Clerk for the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA), declare that on October 13, 2017, a copy of this notice had been posted in the Administering Authority’s office located at 11615 Sterling Ave., Riverside CA, and on its website at www.sawpa.org.

/S/

**MINUTES OF THE
REGULAR BOARD OF DIRECTORS MEETING
OF THE
LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY**

June 15, 2017

DIRECTORS PRESENT

Robert Magee, Chair
Vicki Warren
Kevin Jeffries
Brenda Dennstedt

REPRESENTING

City of Lake Elsinore
City of Canyon Lake
County of Riverside
Santa Ana Watershed Project Authority

DIRECTORS ABSENT

Phil Williams

Elsinore Valley Municipal Water District

OTHERS PRESENT

Liselle DeGrave

DeGrave Communications

LESJWA STAFF PRESENT

Mark Norton, Authority Administrator
Dawna Munson, Board Clerk

The Regular Board of Directors meeting of the Lake Elsinore and San Jacinto Watersheds Authority (LESJWA) was called to order at 4:00 p.m., by Chair Robert Magee at the Elsinore Valley Municipal Water District, located at 31315 Chaney Street, Lake Elsinore, California. The Pledge of Allegiance to the Flag of the United States followed. Chair Magee asked for roll call. A quorum was present with representation from four of the five member agencies.

Chair Magee asked if there were public comments from members of the public wishing to address the Board on matters within its jurisdiction. There were no comments.

1.0: Approval of Consent Calendar

Chair Magee presented the Consent Calendar for review and approval. Upon approval by Director Dennstedt, seconded by Director Warren, the motion unanimously carried,

2017/6-1

MOVED, approval of the Consent Calendar including the April 19, 2017 Minutes, the 5-15-17 Education & Outreach Committee Meeting Notes, the 5-16-17 Lake Elsinore & Canyon Lake TMDL Task Force meeting notes, and the Financial Reports for the months of March and April 2017.

with the following roll call vote:

Ayes: Dennstedt, Jeffries, Magee, Warren
Noes: None
Absent: Williams
Abstain: None

2.0: Phase 2 TMDL Compliance Monitoring Program – FY2017-18 Cost Update and Satellite Imagery Change Order (Memo 813)

Mark Norton brought for the Board’s consideration a change order for the existing task order with Amec Foster Wheeler, the consultant currently handling our ongoing monitoring program. The contract was approved in 2015 for a three-year term, and we’re currently in the third year of that contract. A few modifications have occurred since that time. The in-lake monitoring design was approved December 2015, the pre-alum effectiveness monitoring was approved in 2016, and then the approval was given on April 19, 2017 to support the Hazardous Algal Bloom (HAB) monitoring.

We now have a new change order for a small amount of money - \$2,743. This would be to incorporate additional high resolution satellite imagery along with satellite imagery and processing for cyanobacteria specific pigments into the analyses of in-lake chlorophyll for the annual Lake Elsinore/Canyon Lake TMDL compliance monitoring report. The TMDL Task Force and the TMDL TAC have discussed this and believe it will be beneficial. It has been very effective except for certain times of the year when they get sunglint. They propose using the former LandSat satellite for imagery these months, and the other satellite the remainder of the year. It gives a better evaluation of algae toxins. The amount of \$2,743 is fully funded by the Task Force.

The second recommendation is to revise the approved FY2017-18 Task Order AMEC160-03 amount from a not-to-exceed \$150,805 to \$195,707 to include all previously approved change orders along with Change Order No. 1 to AMEC160-03 to provide requested additional technical support for the Phase 2 compliance monitoring program. Again, this is not an overall new contract with Amec Foster Wheeler, but the third year of the contract already approved.

Upon approval by Director Jeffries, seconded by Director Dennstedt, the motion unanimously carried,

2017/6-2

MOVED, approval of Change Order No. 1 to Task Order No. AMEC160-03 in the amount of \$2,743 to incorporate additional high resolution satellite imagery and satellite cyanobacteria bloom monitoring in the Phase 2 compliance monitoring program.

with the following roll call vote:

Ayes: Dennstedt, Jeffries, Magee, Warren
Noes: None
Absent: Williams
Abstain: None

3.0: Regulatory Strategist/TMDL Compliance Support Services (Memo 814)

Mark Norton said as part of ongoing efforts to update the TMDL, as well as to support the Task Force overall in completing the regulatory process to revise the TMDL, the Lake Elsinore & Canyon Lake TMDL Task Force, as well as the TMDL TAC recommend for approval a new task order with Tim Moore of Risk Sciences. Mr. Moore does excellent work, is extraordinarily knowledgeable in State and national regulations, and he has been instrumental in this regulatory process. The recommendation is to approve a task order with Risk Sciences in the amount of \$121,760 for the next two years to serve as regulatory strategist and compliance expert. Mr. Moore has indicated that he is not increasing his rates and as the revision winds down, his time and costs also will be reduced.

Staff recommends approval of this task order and activity by Tim Moore of Risk Sciences.

Upon approval by Director Warren, seconded by Director Jeffries, the motion unanimously carried,

2017/6-3

MOVED, approval of Task Order RISK160-09 with Risk Sciences for an amount not-to-exceed \$121,760 for the next two fiscal years to serve as regulatory strategist and compliance expert to the Lake Elsinore and Canyon Lake TMDL Task Force.

with the following roll call vote:

Ayes: Dennstedt, Jeffries, Magee, Warren
Noes: None
Absent: Williams
Abstain: None

4.0: Lake Elsinore/Canyon Lake TMDL Task Force Status Report (Memo 815)

Mark Norton provided a brief status report on the Task Force’s ongoing activity. The current major focus is on updating and revising the TMDL. CDM Smith is on board to conduct that work and progress is being made on all aspects of revising the TMDL for both Lake Elsinore and Canyon Lake. We have a number of interim reports now out. Richard Meyerhoff of CDM gave a report on it at the last board meeting. Work is currently being reviewed by several experts who have had a lot of experience with the EPA. It will go to the Regional Board, then to the State Board, then to administrative review, and then to the EPA. It’s prudent that we’re engaging in this early dialog with the experts in these fields to make sure we have everything ready.

Based on recent reports, the blue green algae toxins have decreased somewhat.

The next alum application is scheduled for September time frame. As usual, we will gather our technical experts and discuss dosage and the best time to apply the alum. The last application yielded a very successful outcome and we received a lot of positive feedback.

Upon approval by Director Dennstedt, seconded by Director Warren, the motion unanimously carried,

2017/6-4

MOVED, approval to receive and file a status report on the Lake Elsinore and Canyon Lake TMDL Task Force.

with the following roll call vote:

Ayes: Dennstedt, Jeffries, Magee, Warren,
Noes: None
Absent: Williams
Abstain: None

5.0: Administrator’s Comments

Mr. Norton noted that June 30 is SAWPA General Manager Celeste Cantu's s last day, as she retires from public service. It is on the next SAWPA agenda to have Engineering and Operations Manager, Rich Haller, serve as interim manager. SAWPA currently has an executive search firm working on finding a new General Manager. Mark Norton will work with the new manager to assure continuing support of LESJWA.

6.0: Directors’ Comments

Director Warren said she has been receiving form letters from high school students promoting the wetlands as the water quality solution for Canyon Lake It’s a fairly typical move and she is happy to help with response letters if needed.

Chair Magee said it appears to be from some Temescal Canyon students in the chemistry department. The letters have a negative tone, emphasizing the algae, and they have a number of inaccuracies such as the lake remains closed. They don't mention anything about the TMDL, the aeration, fish stocking, that we test weekly, and don't mention Canyon Lake or any other part of the watershed. Chair Magee said he's concerned about what they're being taught in the classroom, as their focus seems to be on the negative impacts of the algae. He will review a letter he wrote with City staff, and send the letter to the class and to those who want to see it, and will meet with that class to provide some education and clarity. With the concurrence of the Board, he would like to task the Education & Outreach Committee to take on the task of reaching out to the teacher and school.

Director Warren commented that the budget item regarding an increase in Canyon Lake's contribution didn't go to their Council this time, but it will in the near future.

She also reported that the City is receiving some calls about the leaches in the Lake. People are asking if it's related to the alum treatments. They're wondering if that's a negative result or perhaps it's a good sign. Mark Norton said he'd need to confer with the experts on that and will follow up with her on the issue.

As there was no further business, the meeting adjourned at 4:26 p.m..

APPROVED: October 19, 2017

Robert Magee, Chair

ATTEST: October 19, 2017

Dawna Munson, Board Clerk

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 07/31/17

Balance as of 6/30/17 \$ 815,401.94

Funds Received

Deposits:

City of Lake Elsinore	\$	22,330.00
Eastern Municipal Water District	\$	15,724.00
Elsinore Valley Municipal Water District	\$	18,327.00
City of Canyon Lake	\$	33,586.00
March JPA	\$	30,464.00
LAIF Interest	\$	1,931.33

Open - Grant Invoices

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

Open - Member & Other Contributions

West Riverside County Agricultural Coalition	\$	24,300.00
County of Riverside Executive Office	\$	69,034.00
CA Department of Transportation	\$	31,964.00
City of Beaumont	\$	28,128.00
City of Hemet	\$	36,426.00
City of Moreno Valley	\$	74,122.00
City of Murietta	\$	31,337.00
City of Perris	\$	50,374.00
City of Riverside	\$	30,293.00
City of San Jacinto	\$	23,290.00
City of Wildomar	\$	28,841.00
CA Department of Fish and Game	\$	22,857.00
US Air Force - March Air Reserve Base	\$	29,864.00
West Riverside County Agricultural Coalition	\$	31,391.00
City of Canyon Lake	\$	10,000.00
City of Lake Elsinore	\$	20,000.00
County of Riverside Executive Office	\$	20,000.00
Elsinore Valley Municipal Water District	\$	20,000.00
Santa Ana Watershed Project Authority	\$	10,000.00
Riverside County Flood Control District	\$	20,000.00
City of Menifee	\$	100,906.00
	<u>\$</u>	<u>713,127.00</u>

Total Due LESJWA \$ 747,715.31

Disbursement List - July 2017 (41,689.52)

Funds Available as of 07/31/17 \$ 896,074.75

Funds Available:

Checking	\$	127,187.49
LAIF	\$	768,887.26
Total	<u>\$</u>	<u><u>896,074.75</u></u>

Lake Elsinore San Jacinto Watersheds Authority
 LE/CL TMDL Invoice History
 FYE 2011 - 2018
 as of July 31, 2017

Agency	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
March ARB	10,000.00	13,050.00	12,500.00	35,226.00	25,176.00	38,321.00	29,864.00
CalTrans	10,000.00	13,050.00	12,500.00	28,656.00	26,072.00	40,421.00	31,964.00
City of Beaumont	3,900.00	1,865.00	19,263.00	24,280.00	26,866.00	37,421.00	28,128.00
City of Canyon Lake	3,396.00	644.00	18,389.00	34,863.00	24,142.00	42,521.00	33,586.00
City of Hemet	22,696.00	6,286.00	18,175.00	25,510.00	27,958.00	54,278.00	36,426.00
City of Lake Elsinore	73,133.00	-	19,381.00	30,580.00	32,463.00	37,421.00	22,330.00
City of Menifee	20,458.00	23,649.00	44,155.00	55,821.00	23,584.00	100,499.00	100,906.00
City of Moreno Valley	52,520.00	15,425.00	103,565.00	113,058.00	17,750.00	96,414.00	74,122.00
City of Murrieta	650.00	-	12,426.00	24,280.00	26,866.00	38,321.00	31,337.00
City of Perris	16,580.00	5,752.00	18,869.00	26,739.00	29,050.00	59,821.00	50,374.00
City of Riverside	2,965.00	1,575.00	17,641.00	24,280.00	26,866.00	38,921.00	30,293.00
City of San Jacinto	11,133.00	4,315.00	19,487.00	24,280.00	26,866.00	37,721.00	23,290.00
City of Wildomar	3,859.00	4,461.00	8,307.00	19,528.00	26,460.00	41,642.00	28,841.00
County of Riverside	32,919.00	-	30,165.00	36,469.00	30,362.00	68,931.00	69,034.00
Dept of Fish and Game	10,000.00	13,050.00	12,500.00	18,435.00	28,840.00	35,121.00	22,857.00
Eastern Municipal Water District	10,000.00	13,050.00	12,500.00	16,225.00	23,525.00	27,789.00	15,724.00
Elsinore Valley Municipal Water District	61,070.00	-	12,500.00	16,225.00	23,525.00	30,361.00	18,327.00
March JPA	10,000.00	13,050.00	12,500.00	24,485.00	27,160.00	38,921.00	30,464.00
San Jacinto Agricultural Operators	14,011.00	28,278.00	12,500.00	47,549.00	23,530.58	70,085.00	31,391.00
San Jacinto Dairy & CAFO Operators	10,000.00	10,211.00	12,500.00	16,225.00	-	-	-
Total	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	934,930.00	709,258.00
Total Paid Contributions	379,290.00	167,711.00	429,823.00	642,714.00	497,061.58	910,630.00	120,431.00
Total Outstanding Contributions	-	-	-	-	-	24,300.00	588,827.00
Total Outstanding Contributions							
March ARB	-	-	-	-	-	-	29,864.00
CalTrans	-	-	-	-	-	-	31,964.00
City of Beaumont	-	-	-	-	-	-	28,128.00
City of Hemet	-	-	-	-	-	-	36,426.00
City of Menifee	-	-	-	-	-	-	100,906.00
City of Moreno Valley	-	-	-	-	-	-	74,122.00
City of Murrieta	-	-	-	-	-	-	31,337.00
City of Perris	-	-	-	-	-	-	50,374.00
City of Riverside	-	-	-	-	-	-	30,293.00
City of San Jacinto	-	-	-	-	-	-	23,290.00
City of Wildomar	-	-	-	-	-	-	28,841.00
County of Riverside	-	-	-	-	-	-	69,034.00
Dept of Fish and Game	-	-	-	-	-	-	22,857.00
San Jacinto Agricultural Operators	-	-	-	-	-	24,300.00	31,391.00
Total Outstanding All Years	-	-	-	-	-	24,300.00	588,827.00

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the One Month Ending Monday, July 31, 2017

Assets

Checking - US Bank	\$127,187.49
L.A.I.F.	768,887.26
Accounts Receivable	747,715.31
Allowance For Doubtful Accounts	<u>(24,300.00)</u>
Total Assets	<u><u>\$1,619,490.06</u></u>

Liabilities

Accounts Payable	<u>99,560.59</u>
Total Liabilities	<u>\$99,560.59</u>

Retained Earnings 762,917.92

Excess Revenue over (under) Expenditures \$757,011.55

 Total Net Assets \$1,519,929.47

Total Liabilities and Net Assets \$1,619,490.06

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the One Month Ending Monday, July 31, 2017

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
LAIF Interest	\$0.00	\$0.00	\$2,440.00	0.00%	\$2,440.00
Member Agency Contributions	243,277.00	243,277.00	263,277.00	92.40%	20,000.00
Other Agency Contributions	565,981.00	565,981.00	585,982.00	96.59%	20,001.00
Total Revenues	\$809,258.00	\$809,258.00	\$851,699.00	95.02%	\$42,441.00
Expenses					
Salaries - Regular	3,679.20	3,679.20	67,187.00	5.48%	63,507.80
Payroll Burden	1,607.81	1,607.81	29,360.00	5.48%	27,752.19
Overhead	5,191.35	5,191.35	94,800.00	5.48%	89,608.65
Audit Fees	0.00	0.00	5,500.00	0.00%	5,500.00
Consulting - General	39,232.09	39,232.09	683,735.00	5.74%	644,502.91
Legal Fees	0.00	0.00	500.00	0.00%	500.00
Meeting & Conference Expense	0.00	0.00	100.00	0.00%	100.00
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Other Expense	0.00	0.00	50.00	0.00%	50.00
LEAMS Excess Offset Credit	0.00	0.00	107,824.00	0.00%	107,824.00
Insurance Expense	2,536.00	2,536.00	2,485.00	102.05%	(51.00)
Interest Expense	0.00	0.00	50.00	0.00%	50.00
Total Expenditures	\$52,246.45	\$52,246.45	\$991,641.00	5.27%	\$939,394.55
Excess Revenue over (under) Expenditures	\$757,011.55	\$757,011.55	(\$139,942.00)	-540.95%	(\$896,953.55)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending July 31, 2017

	JPA Administration	TMDL Task Force	Total	Budget	% Used	Budget Variance
Revenues						
State Grant Proceeds	\$ -	\$ -	\$ -	\$ -	#DIV/0!	\$ -
LAIF Interest	-	-	-	2,440.00	0.00%	2,440.00
Member Agency Contributions	100,000.00	143,277.00	243,277.00	263,277.00	92.40%	20,000.00
Other Agency Contributions	-	565,981.00	565,981.00	585,982.00	96.59%	20,001.00
Total Revenues	\$ 100,000.00	\$ 709,258.00	\$ 809,258.00	\$ 851,699.00	95.02%	\$ 42,441.00
Expenditures						
Salaries	\$ 1,839.59	\$ 1,839.61	3,679.20	\$ 67,187.00	5.48%	\$ 63,507.80
Benefits	803.90	803.91	1,607.81	29,360.00	5.48%	27,752.19
Indirect Costs	2,595.66	2,595.69	5,191.35	94,800.00	5.48%	89,608.65
Audit Fees	-	-	-	5,500.00	0.00%	5,500.00
Consulting	1,792.69	37,439.40	39,232.09	683,735.00	5.74%	644,502.91
Legal Fees	-	-	-	500.00	0.00%	500.00
Meeting & Conference Expense	-	-	-	100.00	0.00%	100.00
Shipping & Postage	-	-	-	50.00	0.00%	50.00
Other Expense	-	-	-	50.00	0.00%	50.00
LEAMS Excess Offset Credit	-	-	-	107,824.00	0.00%	107,824.00
Insurance Expense	2,536.00	-	2,536.00	2,485.00	102.05%	(51.00)
Interest Expense	-	-	-	50.00	0.00%	50.00
Total Expenditures	\$ 9,567.84	\$ 42,678.61	\$ 52,246.45	\$ 991,641.00	5.27%	\$ 939,394.55
Excess Revenue over (under) Expenditures	\$ 90,432.16	\$ 666,579.39	\$ 757,011.55	\$ (139,942.00)	100.00%	\$ (896,953.55)
Cash Balance @ 7/31/17	\$ 45,185.90	\$ 850,888.85	\$ 896,074.75			

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 06/30/17

Balance as of 5/31/17 \$ 894,511.87

Funds Received

Deposits:

SAWPA \$ 12,256.95

Open - Grant Invoices

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

Open - Member & Other Contributions

West Riverside County Agricultural Coalition	\$ 24,300.00
	<u>\$ 24,300.00</u>

Total Due LESJWA \$ 58,888.31

Disbursement List - June 2017 (91,366.88)

Funds Available as of 06/30/17 \$ 815,401.94

Funds Available:

Checking	\$ 48,446.01
LAIF	\$ 766,955.93
Total	<u>\$ 815,401.94</u>

Lake Elsinore San Jacinto Watersheds Authority
 LE/CL TMDL Invoice History
 FYE 2011 - 2017
 as of June 30, 2017

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

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Twelve Months Ending Friday, June 30, 2017

Assets

Checking - US Bank	\$48,446.01
L.A.I.F.	766,955.93
Accounts Receivable	58,888.31
Interest Receivable	1,931.33
Prepaid Insurance	2,536.00
Total Assets	<u><u>\$878,757.58</u></u>

Liabilities

Accounts Payable	41,689.52
Accrued Accounts Payable	49,850.14
Total Liabilities	<u>\$91,539.66</u>

Retained Earnings	497,763.78
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Excess Revenue over (under) Expenditures	<u>\$289,454.14</u>
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Total Net Assets	<u>\$787,217.92</u>
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Total Liabilities and Net Assets	<u><u>\$878,757.58</u></u>
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Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Twelve Months Ending Friday, June 30, 2017

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$191,766.27	\$172,000.00	111.49%	(\$19,766.27)
LAIF Interest	1,931.33	5,851.28	1,500.00	390.09%	(4,351.28)
Member Agency Contributions	0.00	279,234.00	279,234.00	100.00%	0.00
Other Agency Contributions	0.00	755,696.00	759,873.00	99.45%	4,177.00
Total Revenues	\$1,931.33	\$1,232,547.55	\$1,212,607.00	101.64%	(\$19,940.55)
Expenses					
Salaries - Regular	3,500.96	63,481.41	58,248.00	108.98%	(5,233.41)
Payroll Burden	1,519.41	27,550.94	25,279.00	108.99%	(2,271.94)
Overhead	5,528.02	100,237.17	91,973.00	108.99%	(8,264.17)
Audit Fees	0.00	5,500.00	5,500.00	100.00%	0.00
Consulting - General	56,722.37	739,163.87	792,106.00	93.32%	52,942.13
Other Contract Services	0.00	0.00	240,000.00	0.00%	240,000.00
Legal Fees	350.00	2,800.00	500.00	560.00%	(2,300.00)
Meeting & Conference Expense	57.78	243.06	100.00	243.06%	(143.06)
Shipping & Postage	10.15	10.15	50.00	20.30%	39.85
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Other Expense	0.00	1,616.84	50.00	3233.68%	(1,566.84)
Insurance Expense	0.00	2,367.00	2,260.00	104.73%	(107.00)
Interest Expense	34.37	122.97	50.00	245.94%	(72.97)
Total Expenditures	\$67,723.06	\$943,093.41	\$1,216,176.00	77.55%	\$273,082.59
Excess Revenue over (under) Expenditures	(\$65,791.73)	\$289,454.14	(\$3,569.00)	-8110.23%	(\$293,023.14)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending June 30, 2017

	JPA Administration	TMDL Task Force	Total	Budget	% Used	Budget Variance
Revenues						
State Grant Proceeds	\$ -	\$ 191,766.27	\$ 191,766.27	\$ 172,000.00	111.49%	\$ (19,766.27)
LAIF Interest	5,851.28	-	5,851.28	1,500.00	390.09%	(4,351.28)
Member Agency Contributions	100,000.00	179,234.00	279,234.00	279,234.00	100.00%	-
Other Agency Contributions	-	755,696.00	755,696.00	759,873.00	99.45%	4,177.00
Total Revenues	\$ 105,851.28	\$ 1,126,696.27	\$ 1,232,547.55	\$ 1,212,607.00	101.64%	\$ (19,940.55)
Expenditures						
Salaries	\$ 22,620.15	\$ 40,861.26	\$ 63,481.41	\$ 58,248.00	108.98%	\$ (5,233.41)
Benefits	9,817.15	17,733.79	27,550.94	25,279.00	108.99%	(2,271.94)
Indirect Costs	35,717.23	64,519.94	100,237.17	91,973.00	108.99%	(8,264.17)
Audit Fees	5,500.00	-	5,500.00	5,500.00	100.00%	-
Consulting	18,796.44	720,367.43	739,163.87	792,106.00	93.32%	52,942.13
Other Contract Services	-	-	-	240,000.00	0.00%	240,000.00
Legal Fees	2,800.00	-	2,800.00	500.00	0.00%	(2,300.00)
Meeting & Conference Expense	126.16	116.90	243.06	100.00	243.06%	(143.06)
Office Expense	-	-	-	60.00	0.00%	60.00
Shipping & Postage	10.15	-	10.15	50.00	0.00%	39.85
Other Expense	96.49	1,520.35	1,616.84	50.00	3233.68%	(1,566.84)
Insurance Expense	2,367.00	-	2,367.00	2,260.00	104.73%	(107.00)
Interest Expense	122.97	-	122.97	50.00	245.94%	(72.97)
Total Expenditures	\$ 97,973.74	\$ 845,119.67	\$ 943,093.41	\$ 1,216,176.00	77.55%	\$ 273,082.59
Excess Revenue over (under) Expenditures	\$ 7,877.54	\$ 281,576.60	\$ 289,454.14	\$ (3,569.00)	100.00%	\$ (293,023.14)
Cash Balance @ 6/30/17	\$ 52,496.44	\$ 762,905.50	\$ 815,401.94			

**Lake Elsinore San Jacinto
Watershed Authority
Disbursements
June 2017**

Check #	Check Date	Type	Vendor	Check Amount
1083	6/15/2017	CHK	Alliant Insurance Services	\$ 2,536.00
EFT097	6/9/2017	CHK	CDM Smith Inc	\$ 24,951.90
EFT098	6/15/2017	CHK	Santa Ana Watershed Project	\$ 13,299.70
EFT099	6/15/2017	CHK	CDM Smith Inc	\$ 21,880.32
EFT100	6/15/2017	CHK	Amec Foster Wheeler Environm	\$ 18,871.26
EFT101	6/23/2017	CHK	Risk Sciences	\$ 7,351.95
EFT102	6/23/2017	CHK	DeGrave Communications	\$ 2,475.75
Total Disbursements June 2017				<u><u>\$ 91,366.88</u></u>

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 Education and Outreach Committee Meeting Notes July 11, 2017

Members Present: Mark Norton, Chair, SAWPA
Bonnie Woodrome, EVMWD
Jessica Sanchez, City of Lake Elsinore (City Manager Intern)
Nicole Dailey, City of Lake Elsinore
Vicki Warren, City of Canyon Lake (by phone)

Others Present: Liselle DeGrave, DeGrave Communications

Members Absent: Steve Horn, County of Riverside

1. Call to Order

Mark Norton called the meeting to order at 12:13 pm at Elsinore Valley Municipal Water District (EVMWD), located at 31315 Chaney Street, Lake Elsinore, California.

2. Additions/Corrections to the Agenda

None

3. Approval of the Meeting Notes

The meeting notes from May 15, 2017 were reviewed. Nicole Daily made a motion to approve, the motion was seconded by Bonnie Woodrome, and the meeting notes were unanimously approved by the Committee.

4. Lake Levels

- The most current lake levels at Lake Elsinore are 1238.90 (July 7), and 1377.97' at Canyon Lake (July 7). The lake levels recorded prior to our last meeting at Lake Elsinore were 1239.80 (May 8) and Canyon Lake at 1379.75 (May 8). The Committee noted that the drops reflect the recent increased evaporation and EVWMD water withdrawals from Canyon Lake as a result of increased temperatures.

5. Discussion of Temescal High School student letters

- Mr. Norton started the meeting by providing some background about the letters based on the discussion at the last LESJWA Board meeting as shared by LESJWA Board members, Robert Magee and Vicki Warren. Mr. Norton noted that copies of the letter were distributed to everyone for review as well as a response letter prepared by City of Lake Elsinore staff that was sent to the students, teacher, and school board supervisors. Ms. Dailey stated what they have learned is that the letters came from a chemistry class from Temescal High School and that the students were sophomores and juniors. Mr. Norton expressed concern that now that we are in the summer months, it is likely that neither the students nor teacher are in session to receive a response from LESJWA. Mr. Norton asked Liselle DeGrave for her thoughts on an appropriate approach by LESJWA.

Ms. DeGrave suggested the formation of an interactive response panel that could respond to the questions posed by the students in the letters. This panel could potentially include Robert Magee, Vicki Warren, Dr. Michael Anderson, and Mark Norton. Mr. Norton stated that now that Dr. Anderson is a department head at UCR, he has less time available for outreach, but he could double check on his interest. The Committee agreed that the focus should not be on the students who wrote the letters but rather the chemistry teacher. The Committee discussed and agreed that a response letter from LESJWA to the chemistry teacher should be a positive response and not critical. This response letter could be an offer of information and facts, and could be extended to not just this one teacher but to other teachers and science department heads at other local high schools. Ms. Dailey noted that they did send their response letter to the school board members as well and that the City also meets with the school superintendent, board members, and O&M supervisors on a regular basis, so that may be an opportunity to share something with them. Ms. Woodrome indicated that EVWMD also has regular contact with two teachers from local schools who request outreach material on various topics, so she could share with them as well. Ms. Warren agreed that the outreach should be directed to the teachers and not the students, focus on the State of the Lakes and perhaps include the offer of a field trip to the lakes for teachers and students. Both Ms. Warren and Ms. Dailey stated that they can arrange field trips at either lake as needed.

The Committee agreed that as part of a field trip or as part of a class presentation, a PowerPoint slide presentation could be prepared to discuss what has been done and is being done at both lakes to address the algae challenges. Everyone agreed that much of this information is readily available from past presentations conducted by Nicole Dailey, Mark Norton, TMDL Task Force experts, and others. Ms. DeGrave suggested that a major theme for the presentation could be “Here is what you can do to save Lake Elsinore and Canyon Lake”. She pointed out that from her work with the Western Municipal Water District, she knows that the Riverside County Flood Control and Water Conservation District has some great presentation slides and brochures about watershed pollutant control activities such as the control of pet waste, litter, washing cars, and proper lawn fertilization. These slides could be worked into an overall presentation. Ms. DeGrave also suggested that the presentation could address specific questions that the students raised in their letters as well.

o **Next Steps**

The Committee in conclusion agreed in taking three actions with Ms. DeGrave taking the lead in preparing drafts for review: 1) Letter to the Temescal High School Chemistry Teacher from LESJWA, 2) Flyer for all other teachers from LESJWA offering interactive presentations and field tours, and 3) PowerPoint presentation reflecting the State of the Lakes, what LESJWA has done, what LESJWA is doing, and what the public can do to assist.

11. Discuss Items for Next Agenda

- Nicole Dailey noted that she is currently working on a City Strategic Plan for the Lake and is seeking background information. Mr. Norton shared that a great compilation of past agreements regarding both Canyon Lake and Lake Elsinore was prepared by Cindy Gabaldon, subconsultant to CDM Smith, as part of the TMDL update. He said he would resend that interim report to her. Ms. Dailey also stated they met with the CA Dept of Fish and Wildlife about possibly setting up a mitigation bank for the Lake Elsinore shores. Mr. Norton felt that this might be a great opportunity to generate some income for lake restoration efforts and may be a future agenda item to discuss on how LESJWA may assist.

12. Reschedule Next Meeting Date

Vicki Warren had indicated that Mondays are problematic for her to participate in LESJWA Education and Outreach Committee meetings. Mr. Norton asked the Committee about their availability on days later in the week. The LESJWA Education and Outreach Committee agreed to meet on Tuesdays at 12 noon instead of Mondays. The next meeting was rescheduled from Monday, Aug. 14th to Tuesday, October 17th at 12 noon at EVMWD.

**MEETING NOTES
OF THE
LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE
September 12, 2017**

PARTICIPANTS

Steven Wolosoff
Daniel Cortese
Melanie Sotelo
Jamie Richards
Tad Nakatani
Stephanie Martan
Mike Roberts
Lynn Merrill
Trip Hord
David Fahrion
Parag Kalaria
Richard Meyerhoff
Joe Castaneda
Anne Sun
Mark Smythe
Eric Lindberg
Ken Theisen
Tim Moore
Kyle Gallup
Ava Moussavi
Pat Boldt
Gil Navarro
Mark Norton
Rick Whetsel

REPRESENTATIVE

CDM Smith
City of Hemet
City of Hemet
City of Menifee
City of Menifee

City of Riverside
City of San Jacinto
CR&R
CR&R
Elsinore Valley Muni Water District GEI
Consultants
CR&R
Michael Baker/Caltrans
Regional Water Quality Control Board
Regional Water Quality Control Board
Regional Water Quality Control Board
Risk Sciences
Riverside County Flood Control &
WCD Riverside County Flood Control
& WCD WRCAC
San Bernardino Valley MWD
Santa Ana Watershed Project Authority
Santa Ana Watershed Project Authority

Via Conf Call:

Nancy Horton
Lauren Sotelo
Rae Beimer
Chris Stransky
John Rudolph
Nicole Dailey

City of Canyon Lake
March JPA
City of Canyon Lake / Moreno Valley
Amec Foster Wheeler
Amec Foster Wheeler
City of Lake Elsinore
City of Beaumont

K. Hernandez

Call to Order & Introductions

The Lake Elsinore/Canyon Lake TMDL Task Force meeting was called to order at 1:05 p.m. by Rick Whetsel at the Santa Ana Watershed Project Authority, Riverside, California.

Meeting Notes

The Task Force deemed the Meeting Notes acceptable for the meeting held on August 15, 2017.

Presentation: Proposed Upper San Jacinto River Watershed Project (David Fahrion CR&R Environmental Services and Joe Castaneda JLC Engineering & Consulting)

David Fahrion CR&R Environmental presented to stakeholders a project within the City of Perris for a 200 acre compost storage site. This was followed by a brief presentation by Castaneda JLC Engineering to discuss the design of the site and address the water related issues.

Following these presentations stakeholders had a number of questions and concerns regarding the location and the nature of the materials to be stored on the site. The project is located along the San Jacinto River between two locations where the river levee has broken under high flow conditions resulting from large storm events. The material to be stored on-site in basic lawn and garden fertilizer, with high concentrations of nitrogen and phosphorus.

Project consultants have consulted with Regional Board and Riverside County Flood Control staff, submitted all of the necessary permits to the State and believe they have designed the project to address any concerns with runoff from the site. Based upon concerns of stakeholders, project consultants said they would consider the installation of straw waddles around the compost stockpiles. Stakeholders also requested that the material be tested to measure the concentrations of nutrients in the compost materials.

A direct website link is provided below to access the full presentation(s) given at the meeting:

<http://www.sawpa.org/wp-content/uploads/2012/05/2017-9-12-CRR-2-CDM-Smith.pdf>

Update: Canyon Lake Alum Application

Rick Whetsel informed stakeholders that the fall 2017 alum application is scheduled for the week of September 25-29. Amec Foster Wheeler conduct pre-alum application monitoring on Thursday, September 21st in coordination with TMDL compliance monitoring for Lake Elsinore and a satellite fly over. Post monitoring will be conducted as part of the regular TMDL compliance monitoring scheduled for October 26th.

Anyone interested in participating in a tour of Canyon Lake and seeing the alum application in action should contact Rick Whetsel to schedule.

Draft Comment Letter – EPA Draft Aluminum Criteria

Tim Moore/Risk Sciences presented to stakeholders his draft comment letter to EPA. He noted that the letter will focus on issues specific to the Task Force and will emphasize the tremendous benefits brought about by the Canyon lake Alum Project.

Mr. Moore requested comments from stakeholders by COB Friday, September 15th in preparation of the September 26th submittal deadline to EPA.

A question was raised regarding the source of Dissolved Organic Carbon (DOC) data, as these results appear to be much higher than those observed by EVMWD staff. It was agreed that EVMWD staff and Mr. Moore that they would share their data.

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

Discussion TMDL Implementation

Steven Wolosoff/CDM Smith presented to stakeholders on the effort to update and revise the TMDLS. The focus of this presentation was a discussion of the reference condition for watershed hydrology as compared to current hydrology. This was followed by discussion on a number of topics including the TMDL implementation framework, the reasonable assurance analysis, where we look at how to quantify benefits from water quality BMP projects, additional supplemental BMP projects and internal nutrient loading Lake Elsinore.

Mr. Wolosoff reminded stakeholders that the Draft Implementation chapter is scheduled to be released for review around October 15th followed by a Draft Monitoring chapter to be released around the beginning of November.

Lake Updates

Lake Elsinore

Nicole Dailey/City of Lake Elsinore initiated the discussion of Lake Elsinore with some questions regarding the operation of LEAMS, due to the previous concerns raised regarding the system not working as well as expected. She was interested to better understand the optimal range of lake levels for operating the system and had questions regarding the expected lifespan of the project and schedule for routine maintenance of the components of the system.

Ms. Dailey had questions regarding the carp removal program, which was very successful in the past and what is our plan moving forward to continue this program.

She then expressed concerns regarding the Hazardous algal Bloom (HAB) monitoring being conducted by the City as compared to the data results reported by the State. She noted that State's results are typically higher and include more toxic species. This is due to their monitoring program design, which focuses on the problem areas in the lake and does not provide a complete picture of the conditions across the entire Lake. This results in the State wanting the entire Lake posted with danger levels, whereas the monitoring by the City shows varying warning levels across the Lake. She expressed these concerns to the State noting the impacts of these postings on the community and local businesses for the loss of Lake Elsinore recreational opportunities.

Lastly, Ms. Dailey noted a fish kill that occurred over two days in August, which amounted in the loss of approximately two tons of fish, consisting mostly of shad.

Canyon Lake

EVMWD staff noted that the water quality treatment plant will be down until December. It was also noted that the treatment plant will be employing ferric sulfate to reduce TOC/DOC levels within the treatment plant.

Task Force Administration (LESJWA Staff)

FY 2017-18 Invoices

Rick Whetsel reminded stakeholders that invoices are due.

Amendment #1 to Task Force Agreement

Rick Whetsel reminded stakeholders that signature pages are due.

Schedule for LEAMS

Rick Whetsel brought up a concern of a few stakeholders regarding the schedule for invoicing for LEAMS. Mr. Whetsel attempted to walk the stakeholders through the process for estimating available credits and invoicing for those credits. Stakeholders requested that Mr. Whetsel prepare a schedule diagram detailing the credit process and bring back to the next Task Force Meeting.

Other Business

There was no other business discussed.

Schedule Next Meeting

The next LE&CL TMDL Task Force meeting is scheduled for Thursday, October 19th at 9:30 a.m. at SAWPA, with a November meeting scheduled for Tuesday, November 14th at 1:30 p.m. at SAWPA.

Adjourn

The meeting adjourned at 4:10 p.m.

LESJWA BOARD MEMORANDUM NO. LES###

DATE: October 19, 2017
TO: LESJWA Board of Directors
SUBJECT: LAIF Account Signatories
FROM: Karen Williams, CFO

RECOMMENDATION

Staff recommends that the Board adopt Resolution No. 2017-01, authorizing investment of monies in the Local Agency Investment Fund (LAIF), which updates the General Manager position.

DISCUSSION

With the change of SAWPA's General Manager, the LAIF has requested that LESJWA adopt a new resolution that replaces the prior SAWPA General Manager, Celeste Cantu with the new General Manager, Richard Haller.

RESOURCE IMPACTS

None.

KW:dm

Attachment: Resolution No. 2017-01

RESOLUTION NO. 2017-01

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
AUTHORIZING INVESTMENT OF MONIES IN THE
LOCAL AGENCY INVESTMENT FUND**

WHEREAS, Pursuant to Chapter 730 of the statutes of 1976 Section 16429.1 was added to the California Government Code to create a Local Agency Investment Fund in the State Treasury for the deposit of money of a local agency for purposes of investment by the State Treasurer; and

WHEREAS, the Board of the Lake Elsinore & San Jacinto Watersheds Authority (SAWPA) does hereby find that the deposit and withdrawal of money in the Local Agency Investment Fund in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein is in the best interests of the Lake Elsinore & San Jacinto Watersheds Authority.

NOW, THEREFORE, BE IT RESOLVED that the Board of the Lake Elsinore & San Jacinto Watersheds Authority does hereby authorize the deposit and withdrawal of monies in the Local Agency Investment Fund in the State Treasury in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein, and verification by the State Treasurer’s Office of all banking information provided in that regard.

BE IT FURTHER RESOLVED, that the following Lake Elsinore & San Jacinto Watersheds Authority (SAWPA) officers **or their successors in office** shall be authorized to order the deposit of withdrawal of monies in the Local Agency Investment Fund:

- Richard Haller, General Manager _____
- Mark Norton, Planning & Water Resources Manager _____
- Karen Williams, Chief Financial Officer _____
- Kelly Berry, Administrative Services Manager _____

BE IT FURTHER RESOLVED that the Lake Elsinore & San Jacinto Watersheds Authority shall not request a withdrawal from LAIF without first obtaining internally the written approval of such a withdrawal by at least two of the officers listed above. Such approval shall be kept by the Lake Elsinore & San Jacinto Watersheds Authority for at least seven years.

ADOPTED this 19th day of October, 2017

Lake Elsinore & San Jacinto Watersheds Authority

By: _____
Robert Magee, Chair

LESJWA BOARD MEMORANDUM NO. 817

DATE: October 19, 2017

SUBJECT: Canyon Lake Alum Application Status/ EPA Draft Aluminum Criteria

TO: Board of Directors

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

RECOMMENDATION

Staff recommends that the Board of Directors receive and file a status report for the Canyon Lake Alum Application and draft EPA Aluminum Criteria.

BACKGROUND

On September 25-29, 2017, the fall application of alum to Canyon Lake was conducted. As recommended by the Canyon Lake TMDL Technical Advisory Committee (TAC), this included treatment of the main body, the north causeway, and East Bay of Canyon Lake. Dosage levels were adjusted based on the most up-to-date bathymetric survey obtained from Dr. Anderson's analysis of Canyon Lake. The dosage levels were applied at levels that met the maximum under CEQA at 20 mg/L in the main body, 10 mg/L in the north causeway, and 30 mg/L for the East Bay. Pre alum dosing effectiveness monitoring was conducted by Amec Foster Wheeler on the preceding Thursday, September 21st, and post monitoring and laboratory analysis of the lake waters will be conducted as part of the regular TMDL compliance monitoring.

No issues or incidents with this fall application were reported by EVMWD staff, the Canyon Lake POA, or the consultant, Aquatechnex.

On July 28, 2017, the EPA published draft water quality criteria for a new aluminum standard. This 2017 draft is intended to replace the 1988 EPA guidance document for aluminum. It is 304(a) criteria, meaning that it is guidance and has no official standing until adopted by the State into the State water quality standards. Generally, this guidance is adopted verbatim by states; however, states do have the option to adopt something as stringent as, or more stringent than EPA's standards. The State of California most likely will adopt this guidance at its next triennial review.

The Task Force believes the approach used to develop the draft criteria is a significant change compared to the 1988 criteria. It is a variable equation and the criteria are derived based upon adjustments to ambient pH, hardness, and dissolved organic carbon (DOC). To support states in implementing these criteria, EPA published a spreadsheet that allows states to plug in information for a particular waterbody to calculate the new aluminum standard.

However, the LE&CL TMDL Task Force is concerned that the proposed water quality criteria for aluminum may inadvertently impact the highly successful treatment programs for Lake Elsinore and Canyon Lake that use alum. These concerns arise due to the following:

- 1) The amount of aluminum normally found in alum will make it nearly impossible to comply with the likely effluent limits that State authorities must derive to meet the EPA criteria. The proposed water quality criteria express aluminum as total recoverable metal. Under these criteria, no adjustment will be made for the aluminum in alum, which is used both to minimize phosphorus concentrations in the recycled water discharged to Lake Elsinore, and to remove excess phosphorus from Canyon Lake.

- 2) Adjustments to ambient hardness and DOC embedded in the spreadsheet tool developed by EPA are “capped” at 150 mg/L and 5 mg/L, respectively and do not consider the higher mitigating effect of hardness and DOC typical of water of the arid southwest. Canyon Lake has an average hardness of 300 mg/L and an average DOC concentration of 20 mg/L; however, EPA is reluctant to extrapolate beyond the range of input values used to develop their model. State permitting authorities are unlikely to expand the range of inputs given EPA’s stance that the recommended approach is appropriately “conservative.”

Comments on the draft are due on October 26th, and at the request of stakeholders of the LE&CL TMDL Task Force will be preparing a comment letter to EPA.

RESOURCES IMPACT

All staff time associated with the Canyon Lake alum application has been budgeted under the LE/CL TMDL Task Force budget that also is shown in the LESJWA budget.

MN/dm

LESJWA BOARD MEMORANDUM NO. 818

DATE: October 19, 2017
SUBJECT: LESJWA Education and Outreach Status Report
TO: LESJWA Board of Directors
FROM: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors receive and file a status report about LESJWA Education and Outreach.

BACKGROUND

LESJWA’s Consultant, DeGrave Communications is continuing work in conducting education and outreach regarding Lake Elsinore and Canyon Lake water quality conditions and LESJWA efforts to help improve water quality. DeGrave Communications was hired in 2015 based on an open and competitive selection process, and supports LESJWA under a three year contract.

Currently, periodic updates are provided to the LESJWA Board on the status of the work. Liselle DeGrave of DeGrave Communications will provide an overview of her work with LESJWA staff and the LESJWA Education and Outreach Committee over the past six month period, and the planned activities for the remainder of the fiscal year.

RESOURCES IMPACT

The LESJWA Education and Outreach work by consultant, DeGrave Communications is funded by a budgeted task order for FY 2017-18 in the amount not-to-exceed \$20,000 through the end of this fiscal year.

MN:dm

LESJWA BOARD MEMORANDUM NO. 819

DATE: October 19, 2017

SUBJECT: Lake Elsinore and Canyon Lake Water Quality Conditions Status Report

TO: LESJWA Board of Directors

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

RECOMMENDATION

Staff recommends that the Board of Directors receive and file this status report from Nicole Dailey, City of Lake Elsinore, and LESJWA staff about the Lake Elsinore and Canyon Lake water quality conditions.

BACKGROUND

Last year LESJWA and the LE/CL TMDL Task Force learned of challenges facing both lakes associated with harmful algal blooms (HABs) due to cyanotoxin concentrations. This attention particularly arose from ongoing monitoring efforts by Southern California Coastal Water Research Project (SCCWRP) supported by the State Water Resources Control Board and the Santa Ana Regional Water Quality Control Board in evaluating the impacts of freshwater harmful algal blooms in Lake Elsinore and Canyon Lake.

Presentations were provided to the LE/CL TMDL Task Force by the SCCWRP lead researcher, and the need and value by the Task Force to conduct monitoring of HABs in relation to updating the TMDL for the lakes was evaluated. The Task Force is working with its regulatory strategist, Risk Sciences, and recommended that a monitoring program be conducted to collect a baseline level of data for one year associated with specific cyanotoxins. It should be noted that the type of data used to support development of the revised TMDL, and especially the water quality modeling for both lakes, is different from the type of data needed to make decisions on when and where to post public health warnings. It was deemed that TMDL-related sampling data would only supplement, not replace, other cyanotoxin monitoring programs conducted by the lake managers.

In April 2017, the LESJWA Board supported a change order with AMEC Foster Wheeler Environment & Infrastructure, Inc. to be fully funded by the LE/CL TMDL Task Force agencies to conduct cyanotoxin monitoring at locations coinciding with the normal TMDL monitoring conducted at both lakes. These data would supplement other ongoing data collection conducted by the SCCWRP for the Regional Board and ongoing sampling conducted by the City of Lake Elsinore to support public health notices on the lake.

Nicole Dailey, Management Analyst at the City of Lake Elsinore, and a member of the LESJWA Education and Outreach Committee will provide a presentation about the recent Lake Elsinore water quality results associated with cyanotoxin concentrations.

BUDGET IMPACT

No impact.

MN:dm

LESJWA BOARD MEMORANDUM NO. 820

DATE: October 19, 2017

SUBJECT: Lake Elsinore Advanced Pumped Storage Project Update

TO: LESJWA Board of Directors

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

RECOMMENDATION

Staff recommends that the Board of Directors receive input and direct staff regarding preparing a LESJWA comment letter to Federal Energy Regulatory Commission under their solicitation for requests for additional study by Dec. 1, 2017.

BACKGROUND

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

On June 1, 2017, Nevada Hydro filed a notice of intent to file a license application (NOI) and a draft license for the proposed project. In its NOI, Nevada Hydro requested a waiver of Federal Energy Regulatory Commission (FERC) pre-filing requirements allowing it to proceed directly to filing a final license application. FERC staff was supportive since the final EIS in 2007 for the project had been submitted and meets those requirements. In August 23, 2017, the Federal Energy Regulatory Commission staff issued a notice soliciting comments on Nevada Hydro's NOI and waiver request with comments due by Sept. 22, 2017. Based on numerous comments received by FERC about the potential project effects that may not have been considered, FERC has invited comments from any resource agencies, Indian Tribes or persons to request additional studies by December 1, 2017.

As LESJWA has a significant interest in the impacts of the project on the lake quality, it is prudent that LESJWA review this project and possibly prepare comments or request for additional study to FERC before the Dec. 1, 2017 deadline. Representatives from the City and the Nevada Hydro Company public relations firm have been contacted and invited to address the LESJWA Board about this project.

BUDGET IMPACT

No impact.

Attachments: FERC Notice of Application For Soliciting Additional Study Requests
FERC Waiver Request for the LEAPS Project

MN:dm

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Nevada Hydro Company, Inc.

Project No. 14227-003

NOTICE OF APPLICATION TENDERED FOR FILING WITH THE COMMISSION
AND SOLICITING ADDITIONAL STUDY REQUESTS

(October 11, 2017)

Take notice that the following hydroelectric application has been filed with the Commission and is available for public inspection.

- a. Type of Application: Major Unconstructed Project
- b. Project No.: P-14227-003
- c. Date filed: October 2, 2017
- d. Applicant: Nevada Hydro Company, Inc.
- e. Name of Project: Lake Elsinore Advanced Pumped Storage (LEAPS) Project
- f. Location: On Lake Elsinore and San Juan Creek near the town of Lake Elsinore in Riverside and San Diego counties, California. The project would occupy about 845 acres of federal land.
- g. Filed Pursuant to: 18 CFR Part 4 of the Commission's Regulations
- h. Applicant Contact: Rexford Wait, Nevada Hydro Company, Inc., 2416 Cades Way Vista, California (760) 599-1815.
- i. FERC Contact: Jim Fargo at (202) 502-6095 or email at james.fargo@ferc.gov.
- j. Cooperating agencies: Federal, state, local, and tribal agencies with jurisdiction and/or special expertise with respect to environmental issues that wish to cooperate in the preparation of the environmental document should follow the instructions for filing such requests described in item m below. Cooperating agencies should note the Commission's policy that agencies that cooperate in the preparation of the environmental document cannot also intervene. *See*, 94 FERC ¶ 61,076 (2001).
- k. Pursuant to section 4.32(b)(7) of 18 C.F.R. of the Commission's regulations, if any resource agency, Indian Tribe, or person believes that an additional scientific study

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should be conducted in order to form an adequate factual basis for a complete analysis of the application on its merit, the resource agency, Indian Tribe, or person must file a request for a study with the Commission not later than 60 days from the date of filing of the application, and serve a copy of the request on the applicant.

l. Deadline for filing additional study requests and requests for cooperating agency status: December 1, 2017

The Commission strongly encourages electronic filing. Please file additional study requests and requests for cooperating agency status using the Commission's eFiling system at <http://www.ferc.gov/docs-filing/efiling.asp>. For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY). In lieu of electronic filing, please send a paper copy to: Secretary, Federal Energy Regulatory Commission, 888 First Street, NE, Washington, D.C. 20426. The first page of any filing should include docket number P-14227-003.

m. The application is not ready for environmental analysis at this time.

n. The proposed project would consist of the following: (1) a new upper reservoir (Decker Canyon) with a 200-foot-high main dam and a gross storage volume of 5,750 acre-feet at a normal reservoir surface elevation of 2,792 feet above mean sea level (msl); (2) a single 21-foot-diameter concrete power shaft and power tunnel with two steel lined penstocks; (3) an underground powerhouse with two reversible pump-turbine units with a total installed capacity of 500 megawatts; (4) an existing lower reservoir (Lake Elsinore) with a gross storage volume of 54,500 acre-feet at a normal reservoir surface elevation of 1,245 feet above msl; (5) about 32 miles of 500-kV transmission line connecting the project to an existing transmission line owned by Southern California Edison located north of the proposed project and to an existing San Diego Gas & Electric Company transmission line located to the south.

o. The license application and associated filings are available for review at the Commission in the Public Reference Room or may be viewed on the Commission's website (<http://www.ferc.gov>), using the "eLibrary" link. Enter the docket number, excluding the last three digits in the docket number field to access the document. For assistance, contact FERC Online Support at FERCOnlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY). A copy is also available for inspection and reproduction at the address in paragraph m.

Register online at <http://www.ferc.gov/docs-filing/esubscription.asp> to be notified via e-mail of new filing and issuances related to this or other pending projects. For assistance, contact FERC Online Support.

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p. With this notice, we are designating Nevada Hydro, Inc. as the Commission's non-federal representative for carrying out informal consultation pursuant to section 7 of the Endangered Species Act and section 305(b) of the Magnuson-Stevens Fishery Conservation and Management Act; and consultation pursuant to section 106 of the National Historic Preservation Act.

q. Post-filing process: The major milestones of the post-filing process for the LEAPS Project are provided below. The issuance of the Ready for Environmental Analysis (REA) Notice and subsequent milestones will not occur until the additional information needs of Commission staff on the final license application have been satisfied, which may include the completion of any needed additional studies. The milestones that provide opportunities for stakeholder input are highlighted in **bold**.

- **Additional study requests due**
- Issue Scoping Document 1 for comments
- **Public Scoping Meetings**
- **Comments on Scoping Document 1 due**
- Issue Scoping Document 2 (if necessary)
- Issue REA Notice soliciting comments, recommendations, terms and conditions, and prescriptions
- **Comments, recommendations, terms and conditions, and prescriptions due**
- Issue updated EIS
- **Comments on updated EIS due**
- Issue final EIS (if necessary)

Kimberly D. Bose,
Secretary.

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D. C. 20426
September 29, 2017

OFFICE OF ENERGY PROJECTS

Project No. 14227-000 – California
Lake Elsinore Advanced Pumped Storage Project
The Nevada Hydro Company, Inc.

Rexford Wait
The Nevada Hydro Company, Inc.
2416 Cades Way
Vista, CA 92083

Reference: Waiver Request for the Lake Elsinore Advanced Pumped Storage Project

Dear Mr. Wait:

On June 1, 2017, Nevada Hydro Company, Inc. (Nevada Hydro) filed a notice of intent to file a license application (NOI) and a draft license application for the proposed 500-megawatt Lake Elsinore Advanced Pumped Storage Project No. 14227 (LEAPS Project). In its NOI, Nevada Hydro requests waiver of the Commission's pre-filing licensing requirements,¹ allowing it to proceed directly to filing a final license application. In support of its waiver request, Nevada Hydro explains that Commission staff previously prepared a Final Environmental Impact Statement (final EIS) in 2007 for essentially the same project proposal under Project No. 11858.² Accordingly, Nevada Hydro asserts that consultation on the current project proposal has essentially already occurred under the prior proposal and should meet the intent of the Commission's pre-filing consultation requirements.

On August 23, 2017, staff issued a notice soliciting comments on Nevada Hydro's NOI and waiver request, with comments due by September 22, 2017. In response, numerous commenters state that additional consultation is needed due to new and planned development in the project area and changes to the project proposal. In addition, many commenters raise concerns related to potential project effects that may not have been previously considered under Project No. 11858, including, but not limited to, the

¹ 18 C.F.R. § 5.8, 5.9, 5.11, 5.15, 5.16 (2017).

² The Commission's Office of Energy Projects dismissed the previous license application for the LEAPS Project (P-11858) on July 12, 2011.

route and need for two project transmission lines, the source of project water, acquisition of water and property rights, and the presence of additional federally listed plants and wildlife in the project area.

While Nevada Hydro's proposal and the existing environment may have changed in various ways from that which Commission staff previously evaluated under Project No. 11858, staff believes that the additional issues and project effects that may be identified in the current proceeding can be addressed through the Commission's post-filing process. We expect that any final license application filed with the Commission will address the comments noted above, including the identified additional issues and project effects filed in response to the NOI. Therefore, at this time, it is not necessary to require Nevada Hydro to solicit stakeholder input on additional study needs or seek stakeholder assistance in identifying issues and mitigation needs. We believe that the Commission's post-filing procedures will provide sufficient opportunity for stakeholders to comment on the adequacy of the final license application, identify study needs, participate in the scoping of issues to be evaluated by Commission staff in its environmental review, and identify project effects and mitigation needs. Stakeholders will also have the opportunity to provide comments on any issued environmental document(s). For these reasons, Nevada Hydro's request to waive the pre-filing consultation requirements for the LEAPS Project is approved.

Once the final license application has been filed, it will be evaluated under the milestones provided in the attached table. Please note that the milestones that provide additional opportunities for stakeholder involvement are highlighted in **bold**.

If you have any questions, please contact Jim Fargo at (202) 502-6095 or via email at james.fargo@ferc.gov.

Sincerely,

Terry L. Turpin
Director
Office of Energy Projects

Attachment: Anticipated post-filing process for the proposed LEAPS Project

cc: Mailing List
Public Files

Anticipated Post-filing Process for the Proposed LEAPS Project

The major milestones of the post-filing process for the LEAPS Project are provided below. It is anticipated that the issuance of the Ready for Environmental Analysis (REA) Notice and subsequent milestones will not occur until the additional information needs of Commission staff on the final license application have been satisfied, which may include the completion of any needed additional studies. The milestones that provide opportunities for stakeholder input are highlighted in **bold**.

Major Milestone

- Final License Application filed
- Issue Tendering Notice soliciting additional study requests
- **Additional study requests due**
- Issue Scoping Document 1 for comments
- Public Scoping Meetings
- **Comments on Scoping Document 1 due**
- Issue Scoping Document 2 (if necessary)
- Issue REA Notice soliciting comments, recommendations, terms and conditions, and prescriptions
- **Comments, recommendations, terms and conditions, and prescriptions due**
- Issue updated EIS
- **Comments on updated EIS due**
- Issue final EIS (if necessary)