

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) / 951.354.4247 (LESJWA)

Thursday, February 28, 2013 – 4:00 p.m.

CALL TO ORDER/PLEDGE OF ALLEGIANCE (Chair Nancy Horton)

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 jurisdiction of the Board; however, no action may be taken on any 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 Secretary prior to the Board 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.

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

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 office: 11615 Sterling Avenue, Riverside, CA 92503.

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, staff member, or interested person requests that an item be removed from the Consent Calendar, the request 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 November 15, 2012.
- 1.1 TREASURER'S REPORTS**.....7
RECOMMENDATION: Receive and file financial statements from Oct. and Nov. 2012, and Jan. 2013.
- 1.2 COMMITTEE STATUS REPORT (Memo708)**.....25
RECOMMENDATION: Receive and file a status report from the Education and Outreach Committee meeting held December 10, 2012.

End of Consent Calendar

2.0	RESOLUTION OF COMMENDATION – BOB BUSTER (Memo 709)	29
	RECOMMENDATION: Approve Resolution 2013-01 commending Bob Buster for his tremendous support of LESJWA and its many accomplishments since LESJWA’s inception in March 2000.	
3.0	CANYON LAKE WATER TREATMENT PLANS AND LESJWA’S ROLE (Memo 710)	31
	RECOMMENDATION: Receive and file a report on proposed Canyon Lake Water Treatment Improvements, and LESJWA’s role in support of the LE/CL TMDL Task Force in the implementation of water quality improvements.	
4.0	PROPOSITION 84 FUNDING - CANYON LAKE IMPROVEMENTS (Memo 711)	33
	RECOMMENDATION: Receive and file a report on the status of an application by LESJWA staff for Proposition 84 Round 2 IRWM Implementation grant funding to support the Canyon Lake water quality improvements.	
5.0	LESJWA EDUCATION AND OUTREACH (Memo 712)	35
	RECOMMENDATION: Receive and file a report on outreach efforts to support the Canyon Lake Water Treatment Plans, and the LESJWA Water Summit planning by LESJWA’s Education and Outreach Committee and O’Reilly Public Relations.	
6.0	LESJWA BUSINESS PLAN RECOMMENDATIONS - LESJWA FUNDING (Memo 713)	41
	RECOMMENDATION: Receive and file this report on feedback received from the Task Force regarding the future funding support of LESJWA by the Task Force.	
7.0	ADMINISTRATOR’S COMMENTS	
8.0	DIRECTORS’ COMMENTS	
9.0	ADJOURN	

NEXT BOARD OF DIRECTORS MEETING: Thursday, April 18, 2013 at 4:00 p.m.

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

November 15, 2012

DIRECTORS PRESENT

Nancy Horton, Chair
Phil Williams
Robert Magee

REPRESENTING

City of Canyon Lake
Elsinore Valley Municipal Water District
City of Lake Elsinore

DIRECTORS ABSENT

Tom Evans
Bob Buster

Santa Ana Watershed Project Authority
County of Riverside

OTHERS PRESENT

Pat Kilroy
Jason Uhley
Ron Young
Stephanie Keen
Joe Aklufi
Mark Norton
Karen Williams
Dawna Munson

City of Lake Elsinore
County of Riverside
Elsinore Valley Municipal Water District
O'Reilly Public Relations
LESJWA Legal Counsel
LESJWA/Authority Administrator
LESJWA/Chief Finance Officer
LESJWA Board Secretary

The Regular Board of Directors meeting of the Lake Elsinore and San Jacinto Watersheds Authority was called to order at 4:05 p.m., by Chair Nancy Horton at the Elsinore Valley Municipal Water District, located at 31315 Chaney Street, Lake Elsinore, California. Chair Horton asked for roll call.

Chair Horton asked if there were any comments from members of the public wishing to address the Board on matters within its jurisdiction. Hearing none, Chair Horton proceeded to Item 1.0, Consent Calendar.

1.0: CONSENT CALENDAR

Upon motion to approve by Director Williams, seconded by Director Magee, the motion unanimously carried.

2012-11-1

MOVED, approval of the Consent Calendar including the Treasurer's Reports from July, August, and September 2012, and the Minutes from the 7-25-2012 Board Meeting.

**2.0: CANYON LAKE NUTRIENT TMDL MONITORING PROGRAM; CHANGE ORDER
(Memo #703)**

Chair Horton read aloud staff's recommendation for a change order to EVMWD's task order, and then called for a motion, unless members of the Board wanted to discuss the item.

Upon motion by Director Magee, seconded by Director Williams, the motion unanimously carried.

2012/11-2

MOVED, approval of Change Order No. 2 to Task Order No. EVWD160-05 with EVMWD for an amount not-to-exceed \$25,000 to complete work associated with the program to conduct annual Canyon Lake nutrient monitoring, and conduct alum dosage jar tests for Canyon Lake in support of the Lake Elsinore/Canyon Lake TMDLs.

3.0: LESJWA EDUCATION AND OUTREACH AGREEMENT (Memo #704)

Stephanie Keen of O'Reilly Public Relations informed the Board that at an awards banquet last month, the local chapter of the Public Relations Society of America presented an award to LESJWA, recognizing excellence in public relations, specifically for the LESJWA brochure. They thought the design was great and that it was very informative. Ms. Keen presented the award to the Board and congratulated everyone. Mark Norton added that they also have prepared a public release, which he shared with the Board and they deemed it acceptable. Chair Horton commented that it is a lovely award and LESJWA is proud to receive it.

4.0: LAKE ELSINORE BACK BASIN WETLANDS ENHANCEMENT PROJECT (Memo #705)

Pat Kilroy provided a presentation via PowerPoint on the Lake Elsinore Back Basin Wetlands Enhancement Project. He began by providing background on the phosphorous issues in the lake; the cost of nutrient control to reduce phosphorus throughout the Lake Elsinore/Canyon Lake watershed, and that it may be cost prohibitive to meet the TMDL targets. He discussed the potential solutions; the alternative stable states for nutrient enriched lakes; the trophic cascade – top -down algae control; the benefits of using aquatic plants as bio-filters and some potential locations for Lake Elsinore; the idea of dividing the islands and forming “ribbon islands” in the large ponds to create the infrastructure of the aquatic ponds; and how the project started with dewatering the ponds, and then they hydro-seeded the area with native seed and worked with volunteers to do the planting. He discussed some of the earlier challenges they initially experienced such as flooding, where many of the plants didn't survive, and that they currently are in the process of replanting.

The report was received and filed by the Board.

5.0: NUTRIENT REDUCTION PLANS AND LESJWA'S ROLE TO IMPLEMENT (Memo #706)

Jason Uhley provided a presentation on the Nutrient Reduction Plan. He reviewed the cause of the algal blooms, the sources of nutrients to the lake, and how the Regional Board examined where they're coming from and identified about 20 entities. The plan they're preparing is a result of the regulatory process that began in 1986. The plan must identify the actions and the outcome of the actions by 2020. He noted that it's all a part of the Clean Water Act, and he reviewed the fines for non-compliance.

LESJWA is the administrator of the Lake Elsinore/Canyon Lake TMDL Task Force. Part of the process in the Task Force is developing the science. All the studies done through the years have been incorporated into trying to address the nutrient loading problems. He reviewed the strategic goals they used including managing the source of nutrients, and in-lake treatments to manage the effects of the nutrients. When the TMDL was adopted by the Regional Board, they provided the numbers they thought were accurate. They set out to monitor, measure, and determine if it was on target and if not, revise and improve it. He reviewed the sections of the plan proposal: the watershed controls, the in-lake aeration of Lake Elsinore, evaluating the final TMDL targets, and using alum treatments in Canyon Lake and oxygenation if necessary. He discussed alum treatment in the lake and that alum has been around for a long time and is used regularly in the treatment of lakes, such as Big Bear Lake. They believe it is a viable plan to move forward, but will need to provide some education and outreach to the public.

He reviewed the next steps of seeing if LESJWA would be interested in administering the alum, and then submitting the Comprehensive Bacterial Nutrient Reduction Plan by January 2013. The Board needs to approve it, implement it, and then the revisions would be done as necessary.

Chair Horton said that it would help if the Board could receive a report or some information from Big Bear Lake about the success of that project, and the lack of any kind of human/animal problems with alum. Director Williams stated that the Water District should be responsible for when any type of chemicals are administered. He is in favor of LESJWA doing it, but there are concerns about individuals being in control who may not be as concerned about the drinking water and the water treatment plant as they are about the aesthetics. The ultimate authority should be with EVMWD. Mark Norton said he will confer with a person from Big Bear Water District to provide some informational feedback for the Board.

The report was received and filed by the Board.

6.0: PROPOSITION 84 FUNDING – CANYON LAKE IMPROVEMENTS (Memo #707)

Mark Norton said that Round 2 of the funding now is being released and he provided a brief update. SAWPA is the administrator for the region. They conducted a rating and ranking process, and LESJWA submitted the Canyon Lake hybrid improvements – hybrid meaning the use of alum, the HOS, or both toward compliance with the TMDL. LESJWA has applied for a one-million dollar grant in the first round. There was some concern about the benefit areas not being strong enough for their criteria, but it made it to the top ten list. So, the project will go before the review panel and they hope to show the value of the collaboration process. The Regional Board staff will be there to assist with the presentation, as well as Jason Uhley.

A second project, which LESJWA is not involved in, is the Quail Valley sewer improvements submitted by EMWD. The EMWD was able to focus on the sub-area 9, a disadvantaged community, and the chances of being funded are very strong. Overall, things are looking up and staff is looking forward to providing a solid presentation. The tentative date is November 27.

The report was received and filed.

7.0: ADMINISTRATOR’S COMMENTS

Mark Norton said that it is uncertain at this point if Bob Buster will continue as a LESJWA Director, pending the outcome of the election.

8.0: DIRECTORS’ COMMENTS

Director Magee said that the Lake Elsinore code enforcement staff has identified some encampment areas by the lake where people are living. The property is controlled by Caltrans and we may need their assistance. With the rainy season upon us, the chance for discharge to the lake is probable. City staff and potentially LESJWA may be needed to ask for support to address the problem and get the folks moved from that location. He suggested that perhaps Mark Norton could coordinate with Pat Kilroy to contact Caltrans to work on that issue.

9.0: ADJOURN

As there was no further business, Chair Horton adjourned the meeting at 5:05 p.m.

APPROVED: February 28, 2013

Nancy Horton, Chair

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 12/31/12

Balance as of 11/30/12 \$ 831,418.15

**Funds Received
 Deposits:**

Open - Grant Invoices

SWRCB - TMDL BMP - Sept 2012	\$ 30,722.75
	\$ 30,722.75

Open - Member & Other Contributions

N/A	\$ -
	\$ -

Total Due LESJWA	\$ 30,722.75
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Disbursement List - December 2012	(59,239.78)
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Funds Available as of 12/31/12	\$ 772,178.37
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Funds Available:

Checking	\$ 91,292.86
LAIF	\$ 680,885.51
Total	\$ 772,178.37

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2009 - 2012

Agency	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
March ARB	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
CalTrans	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
City of Beaumont	2,957.00	3,940.00	4,719.53	3,900.00	1,865.00
City of Canyon Lake	3,670.00	4,890.00	4,109.46	3,396.00	644.00
City of Hemet	22,308.00	29,723.00	27,460.77	22,696.00	6,286.00
City of Lake Elsinore	21,403.00	67,782.00	89,889.28	73,133.00	-
City of Menifee	-	-	24,752.77	20,458.00	23,649.00
City of Moreno Valley	50,638.00	67,469.00	63,546.31	52,520.00	15,425.00
City of Murrieta	2,006.00	2,673.00	786.96	650.00	-
City of Perris	15,000.00	19,985.00	20,060.94	16,580.00	5,752.00
City of Riverside	2,071.00	2,759.00	3,587.28	2,965.00	1,575.00
City of San Jacinto	9,565.00	12,744.00	13,470.59	11,133.00	4,315.00
City of Wildomar	-	-	4,668.93	3,859.00	4,461.00
County of Riverside	57,352.00	76,415.00	39,829.77	32,919.00	-
Dept of Fish and Game	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
Eastern Municipal Water District	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
Elsinore Valley Municipal Water District	13,656.00	57,460.00	75,294.20	61,070.00	-
March JPA	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
San Jacinto Agricultural Operators *	159,074.00	-	-	143,320.00	28,278.00
San Jacinto Dairy & CAFO Operators *	41,634.00	37,252.80	25,000.00	10,000.00	10,211.00
Total	451,334.00	433,092.80	447,176.79	508,599.00	167,711.00
Total Paid Contributions	451,334.00	433,092.80	437,176.79	369,290.00	141,611.00
Total Outstanding Contributions	-	-	10,000.00	139,309.00	26,100.00

Total Outstanding Contributions

CalTrans	-	-	10,000.00	10,000.00	13,050.00
Dept of Fish and Game	-	-	-	-	13,050.00
Total Outstanding All Years	-	-	10,000.00	10,000.00	26,100.00

Notes:

* Cash contributions through FY 2010-11 based upon the actual expenditures by the Task Force, not FY Budget.

Based upon the actual expenditures by the Task Force the outstanding contributions from the San Jacinto Agricultural Operators and San Jacinto Dairy & CAFO Operators are considered paid-in-full through FY 2010-11

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Six Months Ending Monday, December 31, 2012

Assets

Checking - Citizens	\$91,292.86
L.A.I.F.	680,885.51
Accounts Receivable	30,722.75
Total Assets	<u>\$802,901.12</u>

Liabilities

Accounts Payable	<u>241,803.09</u>
Total Liabilities	<u>\$241,803.09</u>

Retained Earnings	687,740.55
Excess Revenue over (under) Expenditures	<u>(\$126,642.52)</u>
Total Net Assets	<u>\$561,098.03</u>
Total Liabilities and Net Assets	<u>\$802,901.12</u>

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Six Months Ending Monday, December 31, 2012

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$30,722.75	\$41,535.00	73.97%	\$10,812.25
LAIF Interest	0.00	632.32	1,660.00	38.09%	1,027.68
Member Agency Contributions	0.00	(128,671.00)	50,000.00	-257.34%	178,671.00
Other Agency Contributions	0.00	178,936.00	481,000.00	37.20%	302,064.00
Total Revenues	\$0.00	\$81,620.07	\$574,195.00	14.21%	\$492,574.93
Expenses					
Salaries - Regular	3,927.95	25,910.93	61,543.00	42.10%	35,632.07
Payroll Burden	1,732.23	11,426.73	27,141.00	42.10%	15,714.27
Overhead	6,245.44	41,198.37	97,853.00	42.10%	56,654.63
Audit Fees	0.00	4,060.00	5,230.00	77.63%	1,170.00
Consulting - General	787.00	121,134.19	435,998.00	27.78%	314,863.81
Legal Fees	0.00	675.00	1,500.00	45.00%	825.00
Meeting & Conference Expense	27.75	327.86	3,123.00	10.50%	2,795.14
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Board Compensation	0.00	700.00	2,250.00	31.11%	1,550.00
Other Expense	0.00	0.00	100.00	0.00%	100.00
Insurance Expense	0.00	2,811.00	3,658.00	76.85%	847.00
Interest Expense	0.00	18.51	100.00	18.51%	81.49
Total Expenditures	\$12,720.37	\$208,262.59	\$638,606.00	32.61%	\$430,343.41
Excess Revenue over (under) Expenditures	(\$12,720.37)	(\$126,642.52)	(\$64,411.00)	196.62%	\$62,231.52

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending December 31, 2012

	JPA Administration	TMDL Task Force	TMDL BMP Implementation	Total	Budget	% Used	Budget Variance
Revenues							
State Grant Proceeds	\$ -	\$ -	\$ 30,722.75	\$ 30,722.75	\$ 41,535.00	73.97%	\$ 10,812.25
LAIIF Interest	632.32	-	-	632.32	1,660.00	38.09%	1,027.68
Member Agency Contributions	50,000.00	(178,671.00)	-	(128,671.00)	50,000.00	-257.34%	178,671.00
Other Agency Contributions	-	178,936.00	-	178,936.00	481,000.00	37.20%	302,064.00
Total Revenues	\$ 50,632.32	\$ 265.00	\$ 30,722.75	\$ 81,620.07	\$ 574,195.00	14.21%	\$ 492,574.93
Expenditures							
Salaries	\$ 11,932.27	\$ 13,978.66	\$ -	\$ 25,910.93	\$ 61,543.00	42.10%	\$ 35,632.07
Benefits	5,262.14	6,164.59	-	11,426.73	27,141.00	42.10%	15,714.27
G&A Allocation	18,972.31	22,226.06	-	41,198.37	97,853.00	42.10%	56,654.63
Audit Fees	4,060.00	-	-	4,060.00	5,230.00	77.63%	1,170.00
Consulting	8,493.83	81,917.61	30,722.75	121,134.19	435,998.00	27.78%	314,863.81
Studies	-	-	-	-	-	0.00%	-
Other Contract Services	-	-	-	-	-	100.00%	-
Legal Fees	675.00	-	-	675.00	1,500.00	45.00%	825.00
Project Construction	-	-	-	-	-	0.00%	-
Meeting & Conference Expense	83.25	244.61	-	327.86	3,123.00	10.50%	2,795.14
Office Expense	-	-	-	-	110.00	0.00%	110.00
Board Compensation	700.00	-	-	700.00	2,250.00	31.11%	1,550.00
Other Expense	-	-	-	-	100.00	0.00%	100.00
Insurance Expense	2,811.00	-	-	2,811.00	3,658.00	76.85%	847.00
Interest Expense	18.51	-	-	18.51	100.00	18.51%	81.49
Total Expenditures	\$ 53,008.31	\$ 124,531.53	\$ 30,722.75	\$ 208,262.59	\$ 638,606.00	32.61%	\$ 430,343.41
Excess Revenue over (under) Expenditures	\$ (2,375.99)	\$ (124,266.53)	\$ -	\$ (126,642.52)	\$ (64,411.00)	196.62%	\$ 62,231.52
Cash Balance @ 11/30/12	\$ 144,715.38	\$ 627,462.99	\$ -	\$ 772,178.37			

**Lake Elsinore San Jacinto
Watersheds Authority
Disbursements
December 31, 2012**

Check #	Check Date	Type	Vendor	Check Amount
1656	12/6/2012	CHK	Williams, Phillip Robert	\$100.00
1657	12/6/2012	CHK	Santa Ana Watershed Project Authority	\$16,685.63
1658	12/6/2012	CHK	Web Casa Design	\$1,500.00
1659	12/6/2012	CHK	Horton, Nancy C.	\$100.00
1660	12/20/2012	CHK	O'Reilly Public Relations	\$611.85
1661	12/20/2012	CHK	Dr. Michael Anderson	\$8,824.00
EFT003	12/6/2012	CHK	Elsinore Valley Municipal Water District	\$28,228.30
EFT004	12/6/2012	CHK	Robert E Magee	\$100.00
EFT005	12/20/2012	CHK	Weston Solutions Inc	\$3,090.00
Total Disbursements December 2012				<u>\$ 59,239.78</u>

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 11/30/12

Balance as of 10/31/12 \$ 744,470.40

Funds Received

Deposits:

City of Moreno Valley - TMDL Contribution	\$	15,425.00
City of San Jacinto - TMDL Contribution		4,315.00
City of Canyon Lake - TMDL Contribution		644.00
WRCAG - TMDL Contribution		15,000.00
City of Hemet - TMDL Contribution		6,286.00
City of Menifee - TMDL Contribution		23,649.00
WRCAG - TMDL Contribution		28,278.00
WRCAG - TMDL Contribution		10,211.00

Open - Grant Invoices

SWRCB - TMDL BMP - Sept 2012	\$	30,722.75
	\$	<u>30,722.75</u>

Open - Member & Other Contributions

N/A	\$	-
	\$	<u>-</u>

Total Due LESJWA	\$	<u><u>30,722.75</u></u>
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Disbursement List - November 2012		<u>(16,860.25)</u>
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Funds Available as of 11/30/12	\$	<u><u>831,418.15</u></u>
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Funds Available:

Checking	\$	150,532.64
LAIF	\$	680,885.51
Total	\$	<u><u>831,418.15</u></u>

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2009 - 2012

Agency	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
March ARB	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
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City of Lake Elsinore	21,403.00	67,782.00	89,889.28	73,133.00	-
City of Menifee	-	-	24,752.77	20,458.00	23,649.00
City of Moreno Valley	50,638.00	67,469.00	63,546.31	52,520.00	15,425.00
City of Murrieta	2,006.00	2,673.00	786.96	650.00	-
City of Perris	15,000.00	19,985.00	20,060.94	16,580.00	5,752.00
City of Riverside	2,071.00	2,759.00	3,587.28	2,965.00	1,575.00
City of San Jacinto	9,565.00	12,744.00	13,470.59	11,133.00	4,315.00
City of Wildomar	-	-	4,668.93	3,859.00	4,461.00
County of Riverside	57,352.00	76,415.00	39,829.77	32,919.00	-
Dept of Fish and Game	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
Eastern Municipal Water District	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
Elsinore Valley Municipal Water District	13,656.00	57,460.00	75,294.20	61,070.00	-
March JPA	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
San Jacinto Agricultural Operators *	159,074.00	-	-	143,320.00	28,278.00
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Total Paid Contributions	451,334.00	433,092.80	437,176.79	369,290.00	141,611.00
Total Outstanding Contributions	-	-	10,000.00	139,309.00	26,100.00

Total Outstanding Contributions

CalTrans	-	-	10,000.00	10,000.00	13,050.00
Dept of Fish and Game	-	-	-	-	13,050.00
Total Outstanding All Years	-	-	10,000.00	10,000.00	26,100.00

Notes:

* Cash contributions through FY 2010-11 based upon the actual expenditures by the Task Force, not FY Budget.

Based upon the actual expenditures by the Task Force the outstanding contributions from the San Jacinto Agricultural Operators and San Jacinto Dairy & CAFO Operators are considered paid-in-full through FY 2010-11

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Five Months Ending Friday, November 30, 2012

Assets

Checking - Citizens	\$150,532.64
L.A.I.F.	680,885.51
Accounts Receivable	30,722.75
Total Assets	<u>\$862,140.90</u>

Liabilities

Accounts Payable	<u>267,229.53</u>
Total Liabilities	<u>\$267,229.53</u>

Retained Earnings	687,740.55
Excess Revenue over (under) Expenditures	<u>(\$92,829.18)</u>
Total Net Assets	<u>\$594,911.37</u>
Total Liabilities and Net Assets	<u>\$862,140.90</u>

Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Five Months Ending Friday, November 30, 2012

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$30,722.75	\$41,535.00	73.97%	\$10,812.25
LAIF Interest	0.00	632.32	1,660.00	38.09%	1,027.68
Member Agency Contributions	644.00	(128,671.00)	50,000.00	-257.34%	178,671.00
Other Agency Contributions	98,897.00	178,936.00	481,000.00	37.20%	302,064.00
Total Revenues	\$99,541.00	\$81,620.07	\$574,195.00	14.21%	\$492,574.93
Expenses					
Salaries - Regular	5,504.99	21,982.98	61,543.00	35.72%	39,560.02
Payroll Burden	2,427.70	9,694.50	27,141.00	35.72%	17,446.50
Overhead	8,752.94	34,952.93	97,853.00	35.72%	62,900.07
Audit Fees	0.00	4,060.00	5,230.00	77.63%	1,170.00
Consulting - General	10,935.85	99,254.22	435,998.00	22.76%	336,743.78
Legal Fees	0.00	675.00	1,500.00	45.00%	825.00
Meeting & Conference Expense	0.00	300.11	3,123.00	9.61%	2,822.89
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Board Compensation	300.00	700.00	2,250.00	31.11%	1,550.00
Other Expense	0.00	0.00	100.00	0.00%	100.00
Insurance Expense	0.00	2,811.00	3,658.00	76.85%	847.00
Interest Expense	0.00	18.51	100.00	18.51%	81.49
Total Expenditures	\$27,921.48	\$174,449.25	\$638,606.00	27.32%	\$464,156.75
Excess Revenue over (under) Expenditures	\$71,619.52	(\$92,829.18)	(\$64,411.00)	144.12%	\$28,418.18

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending November 30, 2012

	JPA Administration	TMDL Task Force	TMDL BMP Implementation	Total	Budget	% Used	Budget Variance
Revenues							
State Grant Proceeds	\$ -	\$ -	\$ 30,722.75	\$ 30,722.75	\$ 41,535.00	73.97%	\$ 10,812.25
LAIIF Interest	632.32	-	-	632.32	1,660.00	38.09%	1,027.68
Member Agency Contributions	50,000.00	(178,671.00)	-	(128,671.00)	50,000.00	-257.34%	178,671.00
Other Agency Contributions	-	178,936.00	-	178,936.00	481,000.00	37.20%	302,064.00
Total Revenues	\$ 50,632.32	\$ 265.00	\$ 30,722.75	\$ 81,620.07	\$ 574,195.00	14.21%	\$ 492,574.93
Expenditures							
Salaries	\$ 10,729.49	\$ 11,253.49	\$ -	\$ 21,982.98	\$ 61,543.00	35.72%	\$ 39,560.02
Benefits	4,731.71	4,962.79	-	9,694.50	27,141.00	35.72%	17,446.50
G&A Allocation	17,059.89	17,893.04	-	34,952.93	97,853.00	35.72%	62,900.07
Audit Fees	4,060.00	-	-	4,060.00	5,230.00	77.63%	1,170.00
Consulting	7,706.83	60,824.64	30,722.75	99,254.22	435,998.00	22.76%	336,743.78
Studies	-	-	-	-	-	0.00%	-
Other Contract Services	-	-	-	-	-	100.00%	-
Legal Fees	675.00	-	-	675.00	1,500.00	45.00%	825.00
Project Construction	-	-	-	-	-	0.00%	-
Meeting & Conference Expense	55.50	244.61	-	300.11	3,123.00	9.61%	2,822.89
Office Expense	-	-	-	-	110.00	0.00%	110.00
Board Compensation	700.00	-	-	700.00	2,250.00	31.11%	1,550.00
Other Expense	-	-	-	-	100.00	0.00%	100.00
Insurance Expense	2,811.00	-	-	2,811.00	3,658.00	76.85%	847.00
Interest Expense	18.51	-	-	18.51	100.00	18.51%	81.49
Total Expenditures	\$ 48,547.93	\$ 95,178.57	\$ 30,722.75	\$ 174,449.25	\$ 638,606.00	27.32%	\$ 464,156.75
Excess Revenue over (under) Expenditures	\$ 2,084.39	\$ (94,913.57)	\$ -	\$ (92,829.18)	\$ (64,411.00)	144.12%	\$ 28,418.18
Cash Balance @ 11/30/12	\$ 155,114.21	\$ 676,303.94	\$ -	\$ 831,418.15			

**Lake Elsinore San Jacinto
Watersheds Authority
Disbursements
November 30, 2012**

Check #	Check Date	Type	Vendor	Check Amount
1653	11/19/2012	CHK	Santa Ana Watershed Project Authority	\$7,328.46
1654	11/19/2012	CHK	O'Reilly Public Relations	\$77.50
1655	11/19/2012	CHK	Charles Z. Fedak & Company	\$4,060.00
* EFT001	11/8/2012	CHK	Risk Sciences	\$0.00
EFT002	11/19/2012	CHK	Risk Sciences	\$5,394.29
Total Disbursements November 2012				<u><u>\$ 16,860.25</u></u>

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
 CASH FLOW STATEMENT
 AS OF 10/31/12

Balance as of 09/30/12 \$ 708,117.16

Funds Received

Deposits:

WRCAG - TMDL Contribution	\$	24,011.00
March JPA - TMDL Contribution		13,050.00
City of Perris - TMDL Contribution		5,752.00
Eastern Municipal Water District - TMDL Contribution		13,050.00
City of Wildomar - TMDL Contribution		4,461.00
LAIF Interest		632.32

Open - Grant Invoices

SWRCB - TMDL BMP - Sept 2012	\$	30,722.75
	\$	30,722.75

Open - Member & Other Contributions

WRCAG - TMDL Contribution	\$	4,267.00
	\$	4,267.00

Total Due LESJWA	\$	<u>34,989.75</u>
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Disbursement List - October 2012	<u>(24,603.08)</u>
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Funds Available as of 10/31/12	<u>\$ 744,470.40</u>
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Funds Available:

Checking	\$	63,584.89
LAIF	\$	680,885.51
Total	\$	<u>744,470.40</u>

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2009 - 2012

Agency	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13
March ARB	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
CalTrans	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
City of Beaumont	2,957.00	3,940.00	4,719.53	3,900.00	1,865.00
City of Canyon Lake	3,670.00	4,890.00	4,109.46	3,396.00	644.00
City of Hemet	22,308.00	29,723.00	27,460.77	22,696.00	6,286.00
City of Lake Elsinore	21,403.00	67,782.00	89,889.28	73,133.00	-
City of Menifee	-	-	24,752.77	20,458.00	23,649.00
City of Moreno Valley	50,638.00	67,469.00	63,546.31	52,520.00	15,425.00
City of Murrieta	2,006.00	2,673.00	786.96	650.00	-
City of Perris	15,000.00	19,985.00	20,060.94	16,580.00	5,752.00
City of Riverside	2,071.00	2,759.00	3,587.28	2,965.00	1,575.00
City of San Jacinto	9,565.00	12,744.00	13,470.59	11,133.00	4,315.00
City of Wildomar	-	-	4,668.93	3,859.00	4,461.00
County of Riverside	57,352.00	76,415.00	39,829.77	32,919.00	-
Dept of Fish and Game	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
Eastern Municipal Water District	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
Elsinore Valley Municipal Water District	13,656.00	57,460.00	75,294.20	61,070.00	-
March JPA	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00
San Jacinto Agricultural Operators *	159,074.00	-	-	143,320.00	28,278.00
San Jacinto Dairy & CAFO Operators *	41,634.00	37,252.80	25,000.00	10,000.00	10,211.00
Total	451,334.00	433,092.80	447,176.79	508,599.00	167,711.00
Total Paid Contributions	451,334.00	433,092.80	437,176.79	369,290.00	141,611.00
Total Outstanding Contributions	-	-	10,000.00	139,309.00	26,100.00

Total Outstanding Contributions

CalTrans	-	-	10,000.00	10,000.00	13,050.00
Dept of Fish and Game	-	-	-	-	13,050.00
Total Outstanding All Years	-	-	10,000.00	10,000.00	26,100.00

Notes:

* Cash contributions through FY 2010-11 based upon the actual expenditures by the Task Force, not FY Budget.

Based upon the actual expenditures by the Task Force the outstanding contributions from the San Jacinto Agricultural Operators and San Jacinto Dairy & CAFO Operators are considered paid -in-full through FY 2010-11

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Four Months Ending Wednesday, October 31, 2012

Assets

Checking - Citizens	\$63,584.89
L.A.I.F.	680,885.51
Accounts Receivable	34,989.75
Total Assets	<u>\$779,460.15</u>

Liabilities

Accounts Payable	<u>256,168.30</u>
Total Liabilities	<u>\$256,168.30</u>

Retained Earnings	687,740.55
Excess Revenue over (under) Expenditures	<u>(\$164,448.70)</u>

Total Net Assets	<u>\$523,291.85</u>
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Total Liabilities and Net Assets	<u>\$779,460.15</u>
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Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Four Months Ending Wednesday, October 31, 2012

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$30,722.75	\$41,535.00	73.97%	\$10,812.25
LAIF Interest	632.32	632.32	1,660.00	38.09%	1,027.68
Member Agency Contributions	0.00	(129,315.00)	50,000.00	-258.63%	179,315.00
Other Agency Contributions	64,591.00	80,039.00	481,000.00	16.64%	400,961.00
Total Revenues	\$65,223.32	(\$17,920.93)	\$574,195.00	-3.12%	\$592,115.93
Expenses					
Salaries - Regular	2,393.42	16,477.99	61,543.00	26.77%	45,065.01
Payroll Burden	1,055.50	7,266.80	27,141.00	26.77%	19,874.20
Overhead	3,805.53	26,199.99	97,853.00	26.77%	71,653.01
Audit Fees	4,060.00	4,060.00	5,230.00	77.63%	1,170.00
Consulting - General	12,933.58	88,318.37	435,998.00	20.26%	347,679.63
Legal Fees	0.00	675.00	1,500.00	45.00%	825.00
Meeting & Conference Expense	55.50	300.11	3,123.00	9.61%	2,822.89
Shipping & Postage	0.00	0.00	50.00	0.00%	50.00
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Board Compensation	0.00	400.00	2,250.00	17.78%	1,850.00
Other Expense	0.00	0.00	100.00	0.00%	100.00
Insurance Expense	0.00	2,811.00	3,658.00	76.85%	847.00
Interest Expense	18.51	18.51	100.00	18.51%	81.49
Total Expenditures	\$24,322.04	\$146,527.77	\$638,606.00	22.94%	\$492,078.23
Excess Revenue over (under) Expenditures	\$40,901.28	(\$164,448.70)	(\$64,411.00)	255.31%	\$100,037.70

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending October 31, 2012

	JPA Administration	TMDL Task Force	TMDL BMP Implementation	Total	Budget	% Used	Budget Variance
Revenues							
State Grant Proceeds	\$ -	\$ -	\$ 30,722.75	\$ 30,722.75	\$ 41,535.00	73.97%	\$ 10,812.25
LAIIF Interest	632.32	-	-	632.32	1,660.00	38.09%	1,027.68
Member Agency Contributions	50,000.00	(179,315.00)	-	(129,315.00)	50,000.00	-258.63%	179,315.00
Other Agency Contributions	-	80,039.00	-	80,039.00	481,000.00	16.64%	400,961.00
Total Revenues	\$ 50,632.32	\$ (99,276.00)	\$ 30,722.75	\$ (17,920.93)	\$ 574,195.00	-3.12%	\$ 592,115.93
Expenditures							
Salaries	\$ 7,892.53	\$ 8,585.46	\$ -	\$ 16,477.99	\$ 61,543.00	26.77%	\$ 45,065.01
Benefits	3,480.61	3,786.19	-	7,266.80	27,141.00	26.77%	19,874.20
G&A Allocation	12,549.12	13,650.87	-	26,199.99	97,853.00	26.77%	71,653.01
Audit Fees	4,060.00	-	-	4,060.00	5,230.00	77.63%	1,170.00
Consulting	5,594.98	52,000.64	30,722.75	88,318.37	435,998.00	20.26%	347,679.63
Studies	-	-	-	-	-	0.00%	-
Other Contract Services	-	-	-	-	-	100.00%	-
Legal Fees	675.00	-	-	675.00	1,500.00	45.00%	825.00
Project Construction	-	-	-	-	-	0.00%	-
Meeting & Conference Expense	55.50	244.61	-	300.11	3,123.00	9.61%	2,822.89
Office Expense	-	-	-	-	110.00	0.00%	110.00
Board Compensation	400.00	-	-	400.00	2,250.00	17.78%	1,850.00
Other Expense	-	-	-	-	100.00	0.00%	100.00
Insurance Expense	2,811.00	-	-	2,811.00	3,658.00	76.85%	847.00
Interest Expense	18.51	-	-	18.51	100.00	18.51%	81.49
Total Expenditures	\$ 37,537.25	\$ 78,267.77	\$ 30,722.75	\$ 146,527.77	\$ 638,606.00	22.94%	\$ 492,078.23
Excess Revenue over (under) Expenditures	\$ 13,095.07	\$ (177,543.77)	\$ -	\$ (164,448.70)	\$ (64,411.00)	255.31%	\$ 100,037.70
Cash Balance @ 10/31/12	\$ 164,826.93	\$ 579,643.47	\$ -	\$ 744,470.40			

**Lake Elsinore San Jacinto
Watersheds Authority
Disbursements
October 31, 2012**

Check #	Check Date	Type	Vendor	Check Amount
1649	10/05/12	CHK	Santa Ana Watershed Project Authority	\$12,692.25
1650	10/05/12	CHK	Elsinore Valley Municipal Water District	\$7,514.85
1651	10/11/12	CHK	Weston Solutions Inc	\$3,680.80
1652	10/29/12	CHK	O'Reilly Public Relations	\$715.18

Total Disbursements October 2012

\$ 24,603.08

LESJWA BOARD MEMORANDUM NO. 708

DATE: February 28, 2013
SUBJECT: Committees Status Report
TO: LESJWA Board of Directors
FROM: Mark Norton, P.E., Authority Administrator

RECOMMENDATION

That the Board of Directors receive and file the status report of the LESJWA Education & Outreach Committee (EOC).

DISCUSSION

Attached are the meeting notes from the Education and Outreach Committee meeting held December 10, 2012.

RESOURCES IMPACT

None.

dm/

Attachment:

1. EOC Meeting Notes 12-10-12

LESJWA Education and Outreach Committee
Meeting Notes
December 10, 2012

Members Present: Mark Norton, Chair, SAWPA
Greg Morrison, EVMWD
Bonnie Woodrome, EVMWD
Pat Kilroy, City of Lake Elsinore

Others Present: Stephanie Keen, O'Reilly Public Relations

Members Absent: Alex Gann, County of Riverside
Nancy Horton, City of Canyon Lake

1. Call to Order

Mark Norton called the meeting to order at 12:10 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 Sept. 10, 2012 were reviewed and deemed acceptable by the Committee.

4. Project Status

- **Back Basin Wetlands Improvements** – Pat Kilroy, project manager for the project, indicated that the project final report is near completion and will be submitted to LESJWA and the State before the end of the month. He said that over the past two weeks the City has been doing some replanting of plants that did not survive the fall planting. Mr. Norton asked if there was any work to be completed before the end of the contract date, Dec. 31, 2012. Mr. Kilroy said that he will include the PowerPoint presentation that he gave to LESJWA at their last Board meeting with the final report, so that should meet the State's needs.
- **Canyon Lake Improvements** – Mark Norton said the main topic of good news was LESJWA's application for funding to assist Canyon Lake, the Canyon Lake Hybrid Water Quality Improvements consisting of a combination of alum lake application and the hypolimnetic oxygenation system, appears to have been successful on a preliminary basis. A Project Review Committee (PRC) for the SAWPA One Water One Watershed DWR Prop 84 IRWM Implementation Round 2 funding selected the project as one of 22 recommended for funding. This funding list must go to the OWOW Steering Committee for approval and then be ratified by the SAWPA Commission to be formally recommended by SAWPA and OWOW in December 2012. Thereafter, a DWR application must be filed for submittal to DWR in March 2013; however, since the project would be a part of a portfolio of projects, it likely would be funded. The PRC recommended grant funding of \$500,000 for this project. The balance of funding would come from the LE/CL TMDL Task Force.

The Committee indicated that ample notice and information be given to the Canyon Lake residents about alum lake application due to concerns that may be raised by those who are not familiar with the safety and science of this practice. Greg Morrison indicated that the Task Force and LESJWA, working with O'Reilly Public Relations, need to prepare a fact sheet about the impacts of alum on fishing, body contact, and other possible water recreational opportunities. In addition, good spokespeople are needed to talk to the public. Mr. Norton suggested that Tim Moore of Risk Science may be a good spokesman. Mr. Norton asked Mr. Morrison if there also was a need to conduct a workshop with the EVMWD Board about these issues to assure that alum can in fact be applied to a drinking water reservoir that they own and operate. Mr. Morrison said he thought there wasn't necessarily a concern with the science of lake alum application, but rather if the information would be disseminated adequately to the residents. He will check with his management to determine if a study session with EVMWD's Board is appropriate. He said EVMWD also could offer a bill insert mailer about alum application when the fact sheet is prepared. Stephanie Keen said she will start to work on the fact sheet.

Mr. Norton said that because alum application was considered for Lake Elsinore nearly a decade ago, a lot of information was collected about this practice that he could forward to her. Pat Kilroy said it was successfully used in Sweetwater Florida, but may have had mixed results when it was applied partially at Big Bear Lake.

Additionally, a funding application also was submitted to SAWPA's OWOW to assist the Quail Valley Sewer System to assist a disadvantaged community upstream of Canyon Lake. The project lead for this project is Eastern Municipal Water District. The proposed grant would provide \$1.93 million, if successful. This project would help reduce leaking septic tank leach fields that overflow during heavy rain events causing sewage to run in streets and flow to Canyon Lake.

- **TMDL Task Force** – Mr. Norton reported that efforts are continuing on compliance with the TMDL and in moving forward with implementation. The Riverside County MS4 has completed its final Comprehensive Nutrient Reduction Plan incorporating the Regional Board comments, and the Agricultural Nutrient Management Plan is almost complete. The proposed implementation reflects an implementation approach of alum applications over the next two years then possible implementation of a downsized hypolimnetic oxygenation system (HOS) to help Canyon Lake reach its oxygen levels. With likely funding from Prop 84 IRWM Round 2, the local costs for the alum and/or HOS will be less.

The new TMDL Task Force agreement is making its way around the Task Force agencies for their respective governing boards' approval. About half of the agencies have approved the new task force agreement and all the agencies, with the exception of the State of California, have paid their FY 12-13 invoices.

- **Lake Elsinore** – Pat Kilroy said he had heard that work was going to be done on a refurbishing and cleaning out the Lake Elsinore North Island Well by EVMWD. Mr. Norton asked if there was a specific timetable for this work. Mr. Morrison said he was not sure but would forward information about the work to Pat and Mark.
- **Lake Levels** – The lake levels at the last meeting were 1243.11' at Lake Elsinore, and 1376.70' at Canyon Lake. The current lake levels are 1242.33' at Lake Elsinore, and 1376.30' at Canyon Lake.

5. 2013 Water Summit & Deliverables

- **Date** – The Committee set a tentative date for the 2013 Water Summit to Wednesday, March 27, 2013. The date had been moved from October 2012 to late March of 2013 as a more effective date in light of November elections and briefing of new elected officials in the watershed. As discussed in the previous meeting, the Committee agreed that rather than trying to include a lunch, to scale back the event to a time period between 8:30 am and 11:30 a.m., but providing a continental breakfast and registration at 8 a.m.
- **Location** – The Committee discussed possible locations for the event. Although the Diamond Club at the Elsinore Stadium was considered good, it was thought that perhaps the Summit location should be moved further upstream closer to the San Jacinto watershed cities. The location of the EMWD Board room was considered as an option. Ms. Keen said she would investigate this location to determine if it is suitable.
- **Program** – For the program, the Committee discussed and agreed upon three major areas of focus for the upcoming summit, as many of the task force agencies are now on board with signing the five year task force agreement.
 - Share details about lake alum application safety
 - Share the success of task force working together to secure Prop 84 IRWM funding
 - Share the value of working with the Regional Board

6. SAWPA OWOW Conference – LESJWA Booth

Mr. Norton reported that SAWPA and the Water Education Foundation, who is administering the OWOW Conference on April 11, 2013 at the Westin South Coast Plaza in Costa Mesa, has agreed to waive the sponsorship and exhibitor fee for LESJWA to have an exhibit booth. With the new video and award winning brochure, we should have ample to share with the public.

7. Upcoming Meeting Date

The next meeting of the LESJWA Education and Outreach Committee is January 28, 2013 at 12 p.m. at EVMWD.



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RESOLUTION NO. 2013-01

COMMENDING

Bob Buster

FOR HIS DEDICATION TO LESJWA

WHEREAS, Bob Buster has served as a Director on the Board of the Lake Elsinore & San Jacinto Watersheds Authority (LESJWA) since its inception in March 2000;

WHEREAS, during his distinguished tenure, Bob Buster has thoughtfully and enthusiastically supported numerous LESJWA programs, while judiciously working to assure the protection and quality of water resources in the Lake Elsinore and San Jacinto Watersheds; and

WHEREAS, for 20 years Bob Buster has proudly served as Riverside County Supervisor, First District, and has been a devoted public servant and loyal advocate for the residents of Riverside County.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors for the Lake Elsinore & San Jacinto Watersheds Authority extends its heartfelt appreciation to Bob Buster for his outstanding public service and contributions toward the betterment of the Lake Elsinore and San Jacinto Watersheds, and extends best wishes to him in his retirement and all future endeavors.

ADOPTED this 28th day of February, 2013.

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY

City of Canyon Lake, Board Chair

LESJWA Authority Administrator

City of Lake Elsinore

Elsinore Valley Municipal Water District

County of Riverside

Santa Ana Watershed Project Authority

LESJWA BOARD MEMORANDUM NO. 710

DATE: February 28, 2013

SUBJECT: Nutrient Reductions Plans and LESJWA Role in Canyon Lake Improvements

TO: LESJWA Board of Directors

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

RECOMMENDATION

Staff recommends that the Board of Directors receive and file this status report on the proposed Canyon Lake Water Treatment, and receive direction from the Board regarding the role of LESJWA in Canyon Lake Improvements.

BACKGROUND

LESJWA continues to serve as the administrator for the Lake Elsinore and Canyon Lake Total Maximum Daily Load (TMDL) Task Force. Since its formation, the Task Force has focused on the implementation tasks of the Nutrient TMDL for Canyon Lake and Lake Elsinore. These tasks coincide with the mission and goals of LESJWA. Past LESJWA's improvements at Lake Elsinore using the Proposition 13 Water Bond funding have helped Lake Elsinore water quality improve significantly and move much closer to the TMDL water quality targets. Although work conducted by LESJWA to assist Canyon Lake in the past, specifically East Bay dredging, also has helped, there is much more work needed there to achieve the TMDL water quality targets at Canyon Lake. Based on recent studies, the next main project proposed for Canyon Lake would be the application of alum to reduce nutrients and chlorophyll A in the lake. Alum applications at Canyon Lake would be conducted over the next two and a half years. Lake post-monitoring would determine if TMDL targets have been met, and if not, what additional treatment may be needed such as the hypolimnetic oxygenation system. This approach is reflected in the now completed and submitted Comprehensive Nutrient Reduction Plan by the MS4 Permittees, and the Agricultural Nutrient Management Plan by the Western Riverside Agricultural Coalition.

Work is underway to conduct the necessary environmental studies to determine the impacts of alum application, as well as other technologies at Canyon Lake for water quality improvement. CEQA for the lake improvements is expected to be completed by the end of March 2013. Thereafter, the lead agency, the City of Canyon Lake, who hired Tom Dodson & Assoc. to perform the CEQA, would need to approve the CEQA. The responsible agencies associated with the CEQA would be LESJWA, EVMWD, and DWR. Multiple public outreach meetings will be conducted to assure the public of the safety of the alum application process. The first application of the alum is projected to occur in September 2013 after Labor Day.

In discussions with RCFCWCD, the MS4 Primary Permittee, they have indicated a preference to have LESJWA implement the alum applications in Canyon Lake over the next two years and they discussed this with the LESJWA Board in November 2012. Last month, the EVMWD Board at a study session in early February 2013 indicated a preference for EVMWD to provide implementing oversight of the alum application because the reservoir water is under their jurisdiction. To address these needs, another option would be for LESJWA staff to prepare the RFP for the alum application and the grant administration for the Proposition 84 grant funding for the alum application, but then contract with EVMWD to perform the management and oversight of the alum application. This would be a similar

contractual arrangement that LESJWA had with EVWMD with the construction of the Lake Elsinore aeration system. EVWMD staff indicated that they would discuss this further with their Board in their study session.

RESOURCES IMPACT

All staff administration time for this contract will be taken from the TMDL budget and funded by the TMDL Task Force parties only.

MN:dm

LESJWA BOARD MEMORANDUM NO. 711

DATE: February 28, 2013

SUBJECT: Status Report – Proposition 84 Round 2 Grant Program - Canyon Lake Improvements

TO: LESJWA Board of Directors

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

RECOMMENDATION

Staff recommends that the Board of Directors receive and file the status report about the Proposition 84 grant funding of Canyon Lake Improvements.

BACKGROUND

In July 2012, LESJWA submitted a grant proposal to SAWPA for funding of the Canyon Lake Hybrid Treatment Project under the Proposition 84 Integrated Regional Water Management (IRWM) Program Round 2. Although the grant program is administered ultimately by the CA Dept. of Water Resources, SAWPA is the designated IRWM region for the Santa Ana River Watershed. The Lake Elsinore and San Jacinto River subwatersheds are located within the Santa Ana River Watershed.

The grant proposal sought \$1 million in funding of the next main TMDL improvement project, the Canyon Lake Hybrid Treatment Process, a combination of alum and oxygenation, if necessary. In 2010, a preliminary design report for the Hypoimnetic Oxygenations System (HOS) was completed by PACE, Inc. The preliminary design report was funded by the Lake Elsinore/Canyon Lake (LE/CL) TMDL Task Force. In 2011 and early 2012, additional studies by Dr. Michael Anderson showed that a more effective strategy may be to first apply alum to Canyon Lake for a few years and then consider if a downsized HOS was necessary to assure that TMDL response targets are met. Consequently, a hybrid approach was deemed a more appropriate path by the LE/CL TMDL Task Force.

Staff is pleased to report that the LESJWA grant proposal was approved for \$500,000 by the SAWPA Project Selection Committee, the OWOW Steering Committee, and the SAWPA Commission. The DWR grant forms are now being prepared by LESJWA staff for submittal to DWR as part of a portfolio of IRWM projects that includes 19 other projects that also were approved for funding. The DWR IRWM Round 2 project solicitation package is due to DWR by March 29, 2013. Thereafter, DWR will review the proposal for completeness. Grant funding is expected from the State after execution of grant agreements among DWR, SAWPA, and LESJWA, which likely will occur in the fall 2013. It should be noted that another project that benefits Canyon Lake and the DAC of Quail Valley also was selected for funding, and is expected to receive \$1.93 million in grant funding.

The local minimum match for the LESJWA Canyon Lake improvement grant is 25% and past expenses related to the project are eligible. So based on past monitoring and studies conducted in support of Canyon Lake improvements, the local match requirement has been met. Other funding options to support LESJWA goals and mission will continue to be explored by staff.

RESOURCES IMPACT

Sufficient funding was provided by the LE/CL TMDL Task Force for LESJWA administration to cover all grant preparation costs.

MN:dm

LESJWA BOARD MEMORANDUM NO. 712

DATE: February 28, 2013
SUBJECT: Education and Outreach Program – Canyon Lake Treatment
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 report on outreach efforts to Support the Canyon Lake Water Treatment Plans, and the LESJWA Water Summit planning by LESJWA’s Education and Outreach Committee and O’Reilly Public Relations.

BACKGROUND

Preparations are underway to conduct education and outreach to the Canyon Lake community and to the Lake Elsinore/Canyon Lake Total Maximum Daily Load (TMDL) Task Force agencies’ elected officials about Canyon Lake Water Treatment Options. For the Canyon Lake residents, the City of Canyon Lake has been instrumental in arranging for a question and answer workshop to be held at the Canyon Lake Lodge on March 20 at 7 pm. The workshop will consist of a PowerPoint presentation by Jason Uhley of the RCFC&WCD, and then a panel session with Tim Moore of Risk Sciences, Dr. Michael Anderson of UC Riverside, Mark Norton, LESJWA Authority Administrator, Jason Uhley of RCFCWCD, and Norris Brandt of EVWMD. In addition, the fact sheet will be distributed that previously was prepared for the Canyon Lake Friday Flyer about Canyon Lake Water Treatment.

Also attached is the Op-Ed article that was prepared by the LESJWA Education and Outreach Committee and reviewed by the EVMWD Board that was published in the Canyon Lake Friday Flyer on Feb. 15, 2013. The previously discussed fact sheet also was forwarded to the Friday Flyer reporter as background information. The fact sheet does not focus solely on lake alum application at Canyon Lake because CEQA preparation still is ongoing and toxicology reports still are being conducted to assure compliance with all water quality regulations.

To enhance further understanding of future improvements at Canyon Lake, the focus of the next LESJWA Water Summit is proposed to be on Canyon Lake water treatment with emphasis on alum application. The exact date for the LESJWA Water Summit has not been scheduled, but it is anticipated that it would be held after the CEQA and toxicological studies are complete by April 2013. The location of the event still is planned for the Lake Elsinore Diamond Club, and will include presentations by many of the same experts listed above in the workshop panel.

RESOURCES IMPACT

Sufficient funding has been provided in the approved LESJWA FY 2012-13 Budget for the education and outreach program.

MN:dm

Attachments:

1. Canyon Lake Water Treatment Fact Sheet
2. LESJWA Op-Ed – Canyon Lake Treatment



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

Canyon Lake Water Treatment Fact Sheet

<p>Responsibility to Meet Federal Mandates for Nutrient Levels</p>	<ul style="list-style-type: none"> • Stormwater runoff carries with it high levels of nutrients including nitrogen and phosphorus that hurt water quality and threaten marine life. • In 1972, the Environmental Protection Agency set specific guidelines to monitor nutrient levels, and these guidelines are known as Total Maximum Daily Loads (TMDLs). These guidelines are enforced as water quality regulations by the State through the local Santa Ana Regional Water Quality Control Board. • In our region, there is a TMDL Task Force of 20 agencies and organizations that are working together to make sure Lake Elsinore and Canyon Lake stay healthy and that the TMDL water quality targets within the lakes are met. • To help comply with current TMDL goals, the TMDL Task Force competitively applied for and has been awarded a \$500,000 grant from the California Department of Water Resources to begin treatment measures to reduce nutrient levels and subsequent algae growth in the main lake and the East Bay of Canyon Lake.
<p>Local Agencies Working Together to Improve Water Quality</p>	<ul style="list-style-type: none"> • Since its inception, the Lake Elsinore and San Jacinto Watersheds Authority (LESJWA) has implemented successful clean-up measures over the last decade to improve the water quality in the over 720-square mile San Jacinto watershed with an emphasis on Canyon Lake and Lake Elsinore. • LESJWA, in partnership with Elsinore Valley Municipal Water District (EVMWD) and the TMDL Task Force, will be implementing the comprehensive treatment plan. • The City of Canyon Lake is sponsoring the California Environmental Quality Act process on behalf of LESJWA to evaluate the environmental impacts of water treatment methods to meet TMDL goals in Canyon Lake.
<p>Safe, Commonly-Used Treatments for Lakes</p>	<ul style="list-style-type: none"> • Treatments being considered for the lake include the aluminum sulfate application as well other technologies. • All treatment options being considered have a proven track-record of success and are safe to both humans and marine life. • Drinking water quality will not be affected by any of the treatment options.
<p>Minimal Impacts to Recreation</p>	<ul style="list-style-type: none"> • Whichever treatment option is ultimately selected, Canyon Lake will remain open during the entire treatment process. • Recreational users will experience minimal disruption during treatment application and implementation. • LESJWA will work closely with EVMWD, the City of Canyon Lake, and the Canyon Lake Property Owners Association to ensure that residents are kept up to date about treatment schedule and activities.

Op Ed

The mission of the Lake Elsinore and San Jacinto Watersheds Authority (LESJWA) is to improve water quality and wildlife habitats in Canyon Lake, Lake Elsinore, and the surrounding San Jacinto Watershed. It's a mission not only to benefit local residents, but also to meet strict federal and state regulations for water quality.

Part of the challenge in maintaining the water quality in Canyon Lake is the natural flow of stormwater runoff that carries high levels of nitrogen and phosphorus into the lake. These substances promote excessive algae growth in the lake, which ultimately can lead to fish kills and damage to wildlife.

In 1972, the Environmental Protection Agency set specific guidelines to monitor these nitrogen and phosphorus levels, establishing what are known as Total Maximum Daily Loads (TMDLs). In our community, there is a TMDL Task Force of 20 agencies and organizations including water districts, cities, and county departments that is responsible for making sure that both Lake Elsinore and Canyon Lake stay healthy and remain at safe levels.

In order to help Canyon Lake meet TMDL water quality goals, the TMDL Task Force has been awarded a \$500,000 grant from the California Department of Water Resources to begin treatment measures to reduce nitrogen and phosphorus in the main lake and the East Bay of Canyon Lake.

LESJWA will be the administrator of the treatment process, working in close partnership with Elsinore Valley Municipal Water District (EVMWD), the City of Canyon Lake, and all the other member agencies of the TMDL Task Force. A California Environmental Quality Act process currently is underway to evaluate and determine the environmental impact of alternative water treatment methods to meet TMDL goals in Canyon Lake.

Several options are being considered, including the application of aluminum sulfate to immediately reduce phosphorous and nitrate levels, as well as several other lake treatment technologies.

All the options under consideration have a proven track record of success and have consistently proven to be safe to both humans and wildlife. These methods will not have an effect on drinking water quality. Canyon Lake serves a wide array of uses, and our goal in this process is to ensure that those uses are not impacted in any way.

Whichever option is ultimately selected, Canyon Lake will remain open throughout the treatment process. Recreational users will experience minimal disruption in enjoying activities like boating, swimming, and fishing.

As we move forward in completing the environmental review of the treatment process, the TMDL Task Force remains committed to maintaining an open dialogue with residents, the Canyon Lake Property Owners Association, EVMWD, and other stakeholders to ensure that everyone is kept up to date about the process schedule and activities. Public meetings, workshops, and informational materials will be made available.

This water quality improvement strategy will provide our community with a great opportunity to reduce nitrogen and phosphorus levels, and subsequent algae growth, to improve the quality of Canyon Lake. We are relying on proven science to provide a safe and cost-effective solution to the environmental factors that have impacted our lake for decades.

Mark Norton P.E.

LESJWA Authority Administrator

LESJWA BOARD MEMORANDUM NO. 713

DATE: February 28, 2013

SUBJECT: LESJWA Business Plan Recommendations - LESJWA Funding

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 report and provide feedback to staff on priorities for future LESJWA funding support.

BACKGROUND

In February 2011, the Board approved the LESJWA Business Plan prepared by staff to evaluate the long term financial outlook for the organization. As indicated in the Plan, one of the primary concerns long-term is continued operation funding. With available reserves being tapped to operate the agency and insufficient funding from member agency contributions, the agency will need to reduce expenses or increase revenue to operate at its current operation level by FY 2014-2015. The LESJWA Business Plan laid out the preferred options to deal with the future gap in the following fashion:

1. Pursue State and Federal Grant Funding
2. Decrease annual costs
3. Establish Lake Quality Improvement Contribution
4. Establish TMDL Task Force Contribution for LESJWA
5. Increase Cost Share Among LESJWA Agencies

For priority 1, staff continues to monitor and apply for outside funding sources for future planning and projects that LESJWA can undertake. LESJWA recently was successful with the State Proposition 84 Integrated Regional Water Management Program (IRWM) Round 2 grant application, and will be receiving \$500,000 from DWR. These grants funds are made available on a reimbursement of costs basis with a maximum of 5% allowed for administrative costs directly related to the project implementation. Proposition 84 IRWM Round 3 grant program administered through SAWPA may become available in early 2014 and may be another future funding source. However, this remains a competitive process based on regional and State water resource priorities.

For priority 2, annual costs expected to operating LESJWA for the next fiscal year are anticipated to be generally the same as past years due to available funding. Decreasing annual costs has been a major priority. One major cost that remains at a disproportionate level is the Education and Outreach consulting services. The funding provided for these services has been reduced from \$44,000 in FYE 2006 down to \$20,000 under the current fiscal year budget. However, even at the reduced \$20,000 level, this share of the overall LESJWA operating costs is about 15%. The importance of LESJWA's education and outreach has been discussed recently by the LE/CL TMDL Task Force and particularly by RCFC&WCD, the primary lead of the MS4 permit, and they have indicated an interest in helping to fund the education and outreach activity in future years.

Under priority, 3, the establishment of a revenue stream from lake quality improvement, formerly described as pollutant trading, now appears unlikely due to recent CA SWRCB and EPA Region 9 decisions that have thwarted similar trading programs proposed in California. Any revenue that could have been established by such trading programs no longer appears viable according to our regulatory strategist, Tim Moore of Risk Sciences.

Under priority 4, the need for additional revenue to sustain LESJWA has been discussed with the LE/CL TMDL Task Force on several budget discussions, and more in depth in the last Task Force meeting held in January 2013. Shown below is an excerpt from the LESJWA Business Plan.

If all TMDL task force agencies agreed to fund LESJWA and the LESJWA education and outreach program were eliminated, the annual funding contribution is estimated to be approximately \$5,380 per agency, assuming an equal share among all 21 agencies of \$113,000 to operate LESJWA beyond FY 2014-15. If one were to assume that the existing LESJWA member agencies were to continue funding LESJWA at their current annual funding of \$10,000 per member agencies, the funding contribution from the other TMDL agencies could drop down to approximately \$3700 per agency again assuming an equal share among the 17 remaining task force agencies (SAWPA is not a TMDL funding party) for the balance of the funding needed.

A proposal for funding support from LESJWA was requested by RCFC&WCD so that they could review this option in more detail.

Under priority 5, the revenue necessary would come from just the LESJWA member agencies. Shown below is an excerpt from the LESJWA Business Plan about this option.

Under this scenario, if all five agencies' shares were increased equally to cover an annual operating cost of \$145,000, the equal share would be \$29,000. If SAWPA's share was maintained at \$10,000 and the other four agencies were to share in the costs equally, then the four LESJWA agencies would have their annual costs increase from \$10,000 per year to \$33,750. If the public relations program were discontinued, this annual cost for the remaining four agencies could be scaled back to \$25,750 per agency per year.

Staff would like to obtain feedback and direction from the LESJWA Board on priorities for sustaining the organization.

RESOURCES IMPACT

SAWPA is supportive of providing staff to serve as administrators for LESJWA. Funding of SAWPA staff time for LESJWA activities will be provided by TMDL stakeholder funding, grant administration funding, and local contributions from LESJWA member agencies.

MN:dm