

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, April 17, 2014 – 4:00 p.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 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.

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.

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 to request a disability-related modification.

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 February 20, 2014.

1.1 TREASURER'S REPORTS.....9
RECOMMENDATION: Receive and file financial statements from January and February 2014.

1.2 COMMITTEE STATUS REPORT (Memo 740).....21
RECOMMENDATION: Receive and file a status report from the Education and Outreach Committee meeting held on March 3, 2014.

End of Consent Calendar

- 2.0 LESJWA ANNUAL FY 2014-15 BUDGET (Memo 741).....25**
RECOMMENDATION: Approve the FY 2014-15 Budget, and invoice each LESJWA member agency based on new contributions levels as reflected in budget
- 3.0 LESJWA RESOLUTION-LOCAL COST SHARE COMMITMENT AND OWOW 2.0 ADOPTION (Memo 742)39**
RECOMMENDATION: Approve Resolution No. 2014-01 to provide a commitment for the local funding match share for the Canyon Lake Hybrid Treatment Process project (Canyon Lake Alum Project), and approve the SAWPA Integrated Regional Water Management Plan update (One Water One Watershed– OWOW2.0 Plan).
- 4.0 LE&CL NUTRIENT TMDL – PHASE 2 COMPLIANCE MONITORING PROGRAM (Memo 743)...55**
RECOMMENDATION: Approve Task Order No. H&A160-01 with Haley & Aldrich, Inc. for an amount not-to-exceed \$40,076 to develop a Phase 2 Compliance Monitoring Program to support the Lake Elsinore and Canyon Lake TMDL Task Force.
- 5.0 LESJWA WATER SUMMIT (Memo 744).....59**
RECOMMENDATION: Receive and file a status report on the LESJWA Water Summit.
- 6.0 CANYON LAKE ALUM APPLICATION STATUS REPORT (Memo 745).....69**
RECOMMENDATION: Receive and file a status report for the Canyon Lake conditions.
- 7.0 LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE (Memo 746).....71**
RECOMMENDATION: Receive and file a status report on the Lake Elsinore and Canyon Lake TMDL Task Force.
- 8.0 ADMINISTRATOR’S COMMENTS**
- 9.0 DIRECTORS’ COMMENTS**
- 10.0 ADJOURN**

NEXT BOARD OF DIRECTORS MEETING: Thursday, June 19, 2014 at 4:00 p.m.

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

February 20, 2013

DIRECTORS PRESENT

Robert Magee, Chair
Nancy Horton
Kevin Jeffries
Phil Williams
Tom Evans

REPRESENTING

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

OTHERS PRESENT

Steve Horn
Jason Uhley

County of Riverside
Riverside County Flood Control & WCD

LESJWA STAFF PRESENT

Karen Williams, CFO
Mark Norton, Authority Administrator
Dawna Munson, Board Secretary

The Regular Board of Directors meeting of the Lake Elsinore and San Jacinto Watersheds Authority was called to order at 4:01 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. A quorum was noted present with representation from all five member agencies.

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

1.0: CONSENT CALENDAR

Chair Horton presented the Consent Calendar for review and approval.

Director Williams moved approval of the Consent Calendar seconded by Director Magee, and the motion unanimously carried,

2014/2-1

MOVED, approval of the Consent Calendar including the Treasurer's Reports from October, November, and December 2013, the 12-9-2013 Education and Outreach Committee Status Report, the 8-7-2013 Board Minutes, and the Amended Minutes from the 6-20-2013 Board Meeting.

with the following roll call vote:

Ayes:	Horton, Magee, Williams, Evans, Jeffries
Noes:	None
Absent:	None
Abstain:	None

2.0: Board Officer Assignments (Memo #732)

Mark Norton stated that per the LESJWA Joint Powers Agreement, nominations are made every two years for the three Board officer positions of Chair, Vice Chair, and Secretary/Treasurer. Chair Horton opened the floor for nominations.

Upon motion by Director Williams, seconded by Director Jeffries , the motion unanimously carried:

2014/2-2

MOVED, approval to elect Director Robert Magee to the position of President of the Board for 2014-2016.

With the following roll call vote:

Ayes: Horton, Magee, Williams, Evans, Jeffries
Noes: None
Absent: None
Abstain: None

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

2014/2-3

MOVED, approval to elect Director Tom Evans to the position of Vice-President of the Board, 2014-2016.

With the following roll call vote:

Ayes: Horton, Magee, Williams, Evans, Jeffries
Noes: None
Absent: None
Abstain: None

Upon motion by Chair Magee, seconded by Director Evans, the motion unanimously carried:

2014/2-4

MOVED, approval to elect Director Phil Williams to the position of Secretary/Treasurer of the Board for 2014-2016.

with the following roll call vote:

Ayes: Horton, Magee, Williams, Evans, Jeffries
Noes: None
Absent: None
Abstain: None

3.0: Report on Audit for Fiscal Year Ending June 30, 2013(Memo #733)

Mark Norton said that this is the annual audit conducted for LESJWA. The new auditors for LESJWA, White Nelson Diehl Evans, are in a joint contract with SAWPA, which provided considerable savings to LESJWA. He is pleased to report that their findings are that they have no qualifications or reportable actions. This was reviewed with the Finance Committee for LESJWA, and they had no comments. Staff recommends approval. Director Williams commented that finance staff is doing a good job.

Upon motion by Director Williams, seconded by Director Horton, the motion unanimously carried,

2014/2-5

MOVED, receive and file the FY 201 3-13 Report on Audit prepared by White Nelson Diehl Evans, LL P, and directed staff to file the Report on the Audit.

with the following roll call vote:

Ayes: Horton, Magee, Williams, Evans, Jeffries
Noes: None
Absent: None
Abstain: None

4.0: BROWN ACT AMENDMENT / VOTING CLARIFICATION (Memo #734)

Mark Norton said that since the last meeting, a new bill came out, SB 751, which amends the Brown Act regarding open meetings. It amends Section 54953 of the Government Code effective January 1, 2014 until January 1, 2018, and adds the requirement that “the legislative body of a local agency shall report any action taken, and the vote or abstention on that action of each member present for the action.” The statute previously simply prohibited secret ballots. In light of this new requirement, it is being brought to the Board’s attention to apply this new practice. It was determined that the LESJWA Board Secretary will take the roll call vote for each action item.

LESJWA’s Legal Counsel also has provided an attachment in the Board packet to clarify some of the language in the LESJWA JPA as to what constitutes an action by the Board.

Upon motion by Director Jeffries, seconded by Director Horton, the motion unanimously carried,

2014/2-6

MOVED, approval to adopt the voting practices per SB 751, which amends the Brown Act regarding open meetings.

with the following roll call vote:

Ayes:	Horton, Magee, Williams, Evans, Jeffries
Noes:	None
Absent:	None
Abstain:	None

5.0: LESJWA WATER SUMMIT (Memo 735)

Mark Norton sought the Board’s input on the timing of the next LESJWA Water Summit, which has become an annual event since 2012. The purpose is to provide background and support for LESJWA’s role and the involvement of the Lake Elsinore/Canyon Lake TMDL Task Force – primarily geared toward elected officials, as each agency in the TMDL Task Force has their own governing board. The Education and Outreach Committee recommends the continuation of the annual Summit. LESJWA has budget for the Summit this current fiscal year. However, there had been some recent discussions about upcoming vacancies in the various boards, so it may be preferable to push this year’s Summit to later in the year, after the elections.

Discussion ensued that most city councils could have two changes each; that next spring may be too soon for a newly-elected official; either do it this spring like in previous years, or wait until next year; and the importance of getting the message out and having the head of the organization or Board member provide a status report as to where they see things going. Discussion further ensued on the purpose, timing, and goals; having at least one elected from each stakeholder entity; thoroughly explaining the goals of the TMDL; the opportunity to do an alum treatment update; and raising awareness. Mark Norton said he likes the idea of raising the profile by having the Regional Board there.

Director Williams commented that it is a good program and that during the last few years the Summit was held, there was good water elevation. Now it’s more important when the water elevation is lower – we were good at selling our successes, but now we also should share our challenges. He volunteered to hold it at EVMWD to keep the program, but try to reduce the costs. It was noted that many stakeholders in the upper watershed thought that it was an easier location to get to at EMWD. Director Jeffries said the hope is to get an elected official from every jurisdiction in the watershed – to better understand their contributions to the TMDL and where their money is going. There is much value in working together, and there’s somewhat of a carrot to comply. He suggested that a longer drive may be a deterrent to attendance. Director Williams noted that it would be good for the upper watershed folks to fully understand their impact, so there needs to be a way to convey the message to them; it would be valuable to get them down here and see it. Director Horton suggested that perhaps it still could be held at EMWD in the morning, but offer boat tours in the afternoon. Other considerations discussed were taking into consideration the timing of budgets, demonstrating the benefits of collaboration; and taking into consideration the parallel efforts with the TMDL Task Force. Director Horton suggested holding the Summit in

either April or May, and have the Education and Outreach Committee choose a date and coordinate the best location. Once that is done, Lake Elsinore should be given the opportunity to set up some afternoon boat tours, and possibly Canyon Lake as well. Mark Norton will prepare a draft letter for Director Jeffries and Alternate Director Ashley to finalize for all the electeds in the watershed, encouraging their attendance.

Upon motion by Director Horton, seconded by Director Williams, the motion unanimously carried,

2014/2-7

MOVED, approval to hold the LESJWA Summit in the spring and have the Education and Outreach Committee coordinate the date and the best location, and provide opportunity to the Cities of Lake Elsinore and Canyon Lake to set up boat tours.

with the following roll call vote:

Ayes:	Horton, Magee, Williams, Evans, Jeffries
Noes:	None
Absent:	None
Abstain:	None

6.0: LESJWA ANNUAL FY2014-15 BUDGET – REVENUE ASSUMPTIONS (Memo 736)

Mark Norton said this item is to seek input on revenue for operation of the LESJWA JPA. A previously approved LESJWA Business Plan discussed several options to address the problem. The current funding is insufficient to cover expenses. He displayed a PowerPoint presentation that covered the projected 5-year revenue; a detailed breakdown of the costs to run the JPA; the SAWPA organizational chart showing the percentage of staff time for LESJWA; and the 5-year projected revenue for running the JPA only and the revenue gap.

Discussion ensued on the budget suggestions on page 86 of the packet; that some costs are covered by the TMDL Task Force, but perhaps a \$25,000 increase would be in order to cover their items, as they've obtained benefit for many years at no cost; and consideration of costs from each agency in terms of proportional benefit.

Director Williams noted that the member agency contribution has been \$10,000 per year since LESJWA's inception 14 years ago. He will ask his Board for \$20,000 for this next coming budget, and that it be carried into the 2015 budget too, as this work is very important to the constituents. This is a multi-jurisdictional Board and it has been looked at as an icon of what other multi-jurisdictional agencies should do – we're doing the good of the people and he believes the Board would support that.

Chair Magee agreed and noted that we've received a lot of bang for the buck over the last 14 years. As he serves on the City's Budget Committee, he will ask for \$20,000 from the City as well. We need to make a statement on how important this work is.

Director Horton said she can't offer more money from Canyon Lake at this time, but has another thought. When this JPA was established, it may have looked back then like the five members were the right stakeholders. She asked about adding to the umbrella of the organization and inviting, for example, the City of Menifee because it impacts Canyon Lake immensely, and definitely EMWD because they are a stakeholder in Canyon Lake, specifically because of the number of homes. Quail Valley also seriously affects Canyon Lake in wet season years. It seems it would be a place to start to increase our membership, our revenue, and our profile in the region.

Director Magee asked staff how we'd go about making such a change. Mark Norton said he spoke with our legal counsel and received some feedback. There was some concern about the excessive legal costs if we were to add two members, but there would not be that much work for our legal counsel. There is a provision in the JPA that an action by this Board would be able to add additional members. It would be an amendment to the JPA and would require signatures by the new parties. Mr. Norton said he or others could meet with the City Manager and explain the benefits – lay it out. It is likely to take a bit more time and multiple meetings.

Director Jeffries said he believes adding more members is inevitable. If we want more funding, we need more political support. If the projects and costs are going to grow every year, then we must turn to those upstream for more participation, and it's difficult to ask for that if they're not going to have authority in the political process.

Director Williams commented that he's not certain that they understand the importance of the impacts they have on the people downstream; there's some disassociation with it. Discussion ensued as to the best avenue to explore in this regard. Mark Norton noted that all these cities are co-permittees under the MS4 permit under Riverside County Flood Control District. Perhaps that's an avenue by which they could have an additional representative, and it may be a blanket way to address the cities. There are other entities such as Dept. of Fish and Wildlife and Caltrans, for example, that may be interested, and there are entities like WRCAC that would love to be a part, but may feel excluded as they cannot be involved in some way. These are all factors to consider.

Director Evans said he'd be inclined to focus on the cities and see how that goes—take it one step at a time. Chair Magee said he likes the idea of inviting Menifee and asking if they want to participate. Mark Norton said that perhaps an exploratory meeting would be good. Discussion ensued about the splitting of the votes, and the possibilities of having an even vote circumstance, but it would be preferable to find a second city. Director Williams commented that he would like to see the Riverside County Flood Control District have a seat. Director Jeffries suggested initiating talks with the City of Menifee, then Perris, and go from there.

Chair Magee summarized that there are two entities that will go back to their respective Boards to seek additional funds for the next two fiscal years, and that staff is being asked to have discussions with other entities to see if they are interested in coming on board.

The report was received and filed by the Board.

7.0: CANYON LAKE ALUM APPLICATION STATUS REPORT (Memo 737)

Mark Norton provided background of Canyon Lake alum treatment, which was to address objectives of the TMDL compliance. Due to excessive nutrient loading, the experts involved recommended alum applications to Canyon Lake, and the Board authorized conducting this effort. One application was in the fall, and one this month. It's currently funded by the TMDL Task Force agencies; the grant funding has not kicked in yet. Via PowerPoint, he displayed photos of alum application activity and explained the chemical chain of events creating the cleaning process and sealing of the lake bottom. We knew it would be an evolving process to learn from the trial period over the next 2-1/2 years. The preliminary results showed significant decrease in phosphorus, around 80-90%. Pre- and post-monitoring is being done.

In February, we conducted pre alum application sampling and the conditions generally were the same, so it appeared there wouldn't be any concerns. A coordination meeting was held with the Canyon Lake POA, the City of Canyon Lake, EVMWD, and the contractor to determine the associated logistics. We benefited greatly from a lot of involvement with Catherine Wilson on the POA, who is no longer there. He explained how more alum was applied to the East Bay under this second application – based on CDM's recommendation. The process went well and a sprayer was used in the main body and East Bay, and smaller boats with hoses underneath were used for smaller coves. He briefly explained the algae's life cycle in the lake.

On February 12, an unusual event of unexpected warmer than usual air temperatures occurred. What happened was an excessive amount of algae growth that released a high level of oxygen in the upper levels of the lake. It was much higher than the experts expected. So the alum could not go through the normal process of binding with the phosphorus and it began to float, particularly in the coves where it's shallow. It raised some concern by the residents that perhaps the lake was ruined. It also tended to intermix with the algae growth, which caused a lot of concern. Meetings with the alum application coordination team were held quickly. Terry McNabb said he'd seen this happen before, and they had to spray it down until it sinks, which takes a couple of days longer. Staff asked O'Reilly Public Relations to contact the Friday Flyer to respond to this activity for the residents. They also contacted Dr. Anderson and based on feedback from him and other experts, it would take three to four days to sink. AquaTechnex agreed to go back out and create waves to help sink it, as well as spray it to help break it up and sink it.

By Tues morning, we began to see the floc disperse, and by February 18, the marine patrol went out and found that 95% had dropped. He displayed photos from February 20 showing how it had improved significantly. They gathered data in four sampling locations and received feedback from Dr. Noblet this morning on the pre- and post-monitoring. They had accomplished the reduction levels that they sought to do; it is what we had hoped and expected it to do. Dr. Anderson stated that in his view, this was an extraordinarily unusual event, but the alum did its job. In post-assessment, we still believe this is the best approach to achieve the reduction targets. He had contacted each agency's senior staff to keep them apprised, and apologized that he did not provide all this information to the Board members as well.

Several of the Board members expressed their disappointment with the lack of communication with the Board on this issued. No matter what happens in the lake, staff needs to inform the Board if anything happens to affect the water quality of the lake.

Director Horton said that she and EVMWD had received several calls from residents, as it was appalling to look at and not understand that it would be okay. It is perfectly safe, but it was a major, unexpected hiccup. No fish died and the open areas cleared up quickly. The Board should have been informed and it was difficult to explain to people what had occurred without staff input. We learned a good lesson. The alum didn't fail, we just ran into an unexpected situation.

The report was received and filed by the Board.

8.0: PROPOSITION 84 FUNDING – CANYON LAKE IMPROVEMENTS (Memo 738)

Mark Norton said he is pleased to announce that SAWPA was successful in prompting the DWR to reconsider their recommendation on receiving the funding. This would affect the alum application funding we had hoped to receive to afford the project. The DWR heard our concerns with how the competition was conducted, and revised their recommendation. LESJWA will get the 100% funding. Director Evans commented that we need to recognize the extensive efforts of Celeste Cantu in in bringing about this change.

The report was received and filed by the Board.

9.0: LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE (Memo 739)

Mark Norton provided a quick update on the TMDL Task Force status and said he will continue to work with all the parties to keep them involved. We haven't had measurable storm events, so the monitoring has not occurred this winter. We have a layout of what we need to do next in terms of monitoring and it will be brought to the TAC in March.

The report was received and filed by the Board.

10.0: ADMINISTRATOR'S COMMENTS

Mark Norton said he appreciates the Board's comments today, and he will make the utmost effort that the Board is always informed of any significant events regarding the lakes. It was a learning lesson.

11.0: DIRECTORS' COMMENTS

None.

As there was no further business, Chair Magee adjourned the meeting at 5:43 p.m.

APPROVED: April 17, 2014

Robert Magee, Chair

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 02/28/14

Balance as of 01/31/14 \$ 627,644.96

Funds Received

Deposits:

N/A

-

Open - Grant Invoices

N/A

\$ -

Open - Member & Other Contributions

Total Due LESJWA

\$0.00

Disbursement List - February 2014

(84,065.31)

Funds Available as of 02/28/14

\$ 543,579.65

Funds Available:

Checking

\$ 10,978.21

LAIF

\$ 532,601.44

Total

\$ 543,579.65

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2009 - 2015

Agency	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
March ARB	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
CalTrans	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
City of Beaumont	2,957.00	3,940.00	4,719.53	3,900.00	1,865.00	19,263.00	-
City of Canyon Lake	3,670.00	4,890.00	4,109.46	3,396.00	644.00	18,389.00	-
City of Hemet	22,308.00	29,723.00	27,460.77	22,696.00	6,286.00	18,175.00	-
City of Lake Elsinore	21,403.00	67,782.00	89,889.28	73,133.00	-	19,381.00	-
City of Menifee	-	-	24,752.77	20,458.00	23,649.00	44,155.00	-
City of Moreno Valley	50,638.00	67,469.00	63,546.31	52,520.00	15,425.00	103,565.00	-
City of Murrieta	2,006.00	2,673.00	786.96	650.00	-	12,426.00	-
City of Perris	15,000.00	19,985.00	20,060.94	16,580.00	5,752.00	18,869.00	-
City of Riverside	2,071.00	2,759.00	3,587.28	2,965.00	1,575.00	17,641.00	-
City of San Jacinto	9,565.00	12,744.00	13,470.59	11,133.00	4,315.00	19,487.00	-
City of Wildomar	-	-	4,668.93	3,859.00	4,461.00	8,307.00	-
County of Riverside	57,352.00	76,415.00	39,829.77	32,919.00	-	30,165.00	-
Dept of Fish and Game	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
Eastern Municipal Water District	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
Elsinore Valley Municipal Water District	13,656.00	57,460.00	75,294.20	61,070.00	-	12,500.00	-
March JPA	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
San Jacinto Agricultural Operators *	159,074.00	-	-	143,320.00	28,278.00	12,500.00	47,549.00
San Jacinto Dairy & CAFO Operators *	41,634.00	37,252.80	25,000.00	10,000.00	10,211.00	12,500.00	16,225.00
Total	451,334.00	433,092.80	447,176.79	508,599.00	167,711.00	429,823.00	63,774.00
Total Paid Contributions	451,334.00	433,092.80	447,176.79	379,290.00	154,661.00	404,823.00	63,774.00
Total Outstanding Contributions	-	-	-	129,309.00	13,050.00	25,000.00	-
Total Outstanding Contributions							
March JPA	-	-	-	-	12,500.00	12,500.00	-
Dept of Fish and Game	-	-	-	-	12,500.00	12,500.00	-
Total Outstanding All Years	-	-	-	-	25,000.00	25,000.00	-

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Eight Months Ending Friday, February 28, 2014

Assets

Checking - Citizens	\$10,978.21
L.A.I.F.	532,601.44
Total Assets	<u>\$543,579.65</u>

Liabilities

Accounts Payable	43,742.57
Total Liabilities	<u>\$43,742.57</u>

Retained Earnings	392,401.67
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Excess Revenue over (under) Expenditures	<u>\$107,435.41</u>
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Total Net Assets	<u>\$499,837.08</u>
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Total Liabilities and Net Assets	<u>\$543,579.65</u>
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Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Eight Months Ending Friday, February 28, 2014

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$0.00	\$150,000.00	0.00%	\$150,000.00
LAIF Interest	0.00	477.19	1,500.00	31.81%	1,022.81
Member Agency Contributions	0.00	130,435.00	50,000.00	260.87%	(80,435.00)
Other Agency Contributions	0.00	337,438.00	580,000.00	58.18%	242,562.00
Total Revenues	\$0.00	\$468,350.19	\$781,500.00	59.93%	\$313,149.81
Expenses					
Salaries - Regular	7,257.81	34,319.29	56,475.00	60.77%	22,155.71
Payroll Burden	3,397.73	15,440.09	25,131.00	61.44%	9,690.91
Overhead	11,673.16	54,511.49	89,394.00	60.98%	34,882.51
Audit Fees	0.00	5,500.00	5,230.00	105.16%	(270.00)
Consulting - General	19,500.00	247,326.18	202,050.00	122.41%	(45,276.18)
Other Professional Services	0.00	0.00	150,000.00	0.00%	150,000.00
Legal Fees	437.50	1,137.50	0.00	0.00%	(1,137.50)
Project Construction	0.00	0.00	300,000.00	0.00%	300,000.00
Meeting & Conference Expense	0.00	72.32	1,000.00	7.23%	927.68
Shipping & Postage	0.00	9.98	50.00	19.96%	40.02
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Board Compensation	0.00	0.00	300.00	0.00%	300.00
Other Expense	0.00	0.00	100.00	0.00%	100.00
Insurance Expense	0.00	2,572.00	2,900.00	88.69%	328.00
Interest Expense	0.00	25.93	100.00	25.93%	74.07
Total Expenditures	\$42,266.20	\$360,914.78	\$832,790.00	43.34%	\$471,875.22
Excess Revenue over (under) Expenditures	(\$42,266.20)	\$107,435.41	(\$51,290.00)	-209.47%	(\$158,725.41)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending February 28, 2014

	JPA	TMDL				Budget	% Used	Budget
	Administration	Task Force	Total	Budget	% Used	Variance		
Revenues								
State Grant Proceeds	\$ -	\$ -	\$ -	\$ 150,000.00	0.00%	\$ 150,000.00		
LAIF Interest	477.19	-	477.19	1,500.00	31.81%	1,022.81		
Member Agency Contributions	50,000.00	80,435.00	130,435.00	50,000.00	260.87%	(80,435.00)		
Other Agency Contributions	-	337,438.00	337,438.00	580,000.00	58.18%	242,562.00		
Total Revenues	\$ 50,477.19	\$ 417,873.00	\$ 468,350.19	\$ 781,500.00	59.93%	\$ 313,149.81		
Expenditures								
Salaries	\$ 14,023.14	\$ 20,296.15	\$ 34,319.29	\$ 56,475.00	60.77%	\$ 22,155.71		
Benefits	6,295.87	9,144.22	15,440.09	25,131.00	61.44%	9,690.91		
G&A Allocation	22,259.51	32,251.98	54,511.49	89,394.00	60.98%	34,882.51		
Audit Fees	5,500.00	-	5,500.00	5,230.00	105.16%	(270.00)		
Consulting	6,158.34	241,167.84	247,326.18	202,050.00	122.41%	(45,276.18)		
Studies	-	-	-	-	0.00%	-		
Other Contract Services	-	-	-	150,000.00	0.00%	150,000.00		
Legal Fees	1,137.50	-	1,137.50	-	0.00%	(1,137.50)		
Project Construction	-	-	-	300,000.00	0.00%	300,000.00		
Meeting & Conference Expense	-	72.32	72.32	1,000.00	7.23%	927.68		
Office Expense	-	-	-	110.00	0.00%	110.00		
Board Compensation	-	-	-	300.00	0.00%	300.00		
Other Expense	-	9.98	9.98	100.00	9.98%	90.02		
Insurance Expense	2,572.00	-	2,572.00	2,900.00	88.69%	328.00		
Interest Expense	25.93	-	25.93	100.00	25.93%	74.07		
Total Expenditures	\$ 57,972.29	\$ 302,942.49	\$ 360,914.78	\$ 832,790.00	43.34%	\$ 471,875.22		
Excess Revenue over (under) Expenditures	\$ (7,495.10)	\$ 114,930.51	\$ 107,435.41	\$ (51,290.00)	-209.47%	\$ (158,725.41)		
Cash Balance @ 02/28/14	\$ 80,477.27	\$ 463,102.38	\$ 543,579.65					

**Lake Elsinore San Jacinto
Watersheds Authority
Disbursements
February 28, 2014**

Check #	Check Date	Type	Vendor	Check Amount
1724	02/07/14	CHK	Santa Ana Watershed Project Authority	\$13,279.44
1725	02/21/14	CHK	MWH Americas, Inc.	\$4,562.42
1726	02/21/14	CHK	O'Reilly Public Relations	\$1,093.75
1727	02/21/14	CHK	AquaTechnex LLC	\$57,780.00
1728	02/21/14	CHK	Weston Solutions Inc	\$2,089.37
EFT026	02/07/14	CHK	Risk Sciences	\$5,260.33

Total Disbursements February 2014

\$ 84,065.31

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
CASH FLOW STATEMENT
AS OF 01/31/14

Balance as of 12/31/14 \$ 657,332.51

Funds Received

Deposits:

LAIF Interest 246.19

Open - Grant Invoices

N/A

\$ -

Open - Member & Other Contributions

\$0.00

Disbursement List - January 2014

(29,933.74)

Funds Available as of 01/31/14

\$ 627,644.96

Funds Available:

Checking \$ 95,043.52

LAIF \$ 532,601.44

Total \$ 627,644.96

Lake Elsinore San Jacinto Watersheds Authority
LE/CL TMDL Invoice History
FYE 2009 - 2015

Agency	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
March ARB	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
CalTrans	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
City of Beaumont	2,957.00	3,940.00	4,719.53	3,900.00	1,865.00	19,263.00	-
City of Canyon Lake	3,670.00	4,890.00	4,109.46	3,396.00	644.00	18,389.00	-
City of Hemet	22,308.00	29,723.00	27,460.77	22,696.00	6,286.00	18,175.00	-
City of Lake Elsinore	21,403.00	67,782.00	89,889.28	73,133.00	-	19,381.00	-
City of Menifee	-	-	24,752.77	20,458.00	23,649.00	44,155.00	-
City of Moreno Valley	50,638.00	67,469.00	63,546.31	52,520.00	15,425.00	103,565.00	-
City of Murrieta	2,006.00	2,673.00	786.96	650.00	-	12,426.00	-
City of Perris	15,000.00	19,985.00	20,060.94	16,580.00	5,752.00	18,869.00	-
City of Riverside	2,071.00	2,759.00	3,587.28	2,965.00	1,575.00	17,641.00	-
City of San Jacinto	9,565.00	12,744.00	13,470.59	11,133.00	4,315.00	19,487.00	-
City of Wildomar	-	-	4,668.93	3,859.00	4,461.00	8,307.00	-
County of Riverside	57,352.00	76,415.00	39,829.77	32,919.00	-	30,165.00	-
Dept of Fish and Game	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
Eastern Municipal Water District	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
Elsinore Valley Municipal Water District	13,656.00	57,460.00	75,294.20	61,070.00	-	12,500.00	-
March JPA	10,000.00	10,000.00	10,000.00	10,000.00	13,050.00	12,500.00	-
San Jacinto Agricultural Operators *	159,074.00	-	-	143,320.00	28,278.00	12,500.00	47,549.00
San Jacinto Dairy & CAFO Operators *	41,634.00	37,252.80	25,000.00	10,000.00	10,211.00	12,500.00	16,225.00
Total	451,334.00	433,092.80	447,176.79	508,599.00	167,711.00	429,823.00	63,774.00
Total Paid Contributions	451,334.00	433,092.80	447,176.79	379,290.00	154,661.00	404,823.00	63,774.00
Total Outstanding Contributions	-	-	-	129,309.00	13,050.00	25,000.00	-
Total Outstanding Contributions							
March JPA	-	-	-	-	12,500.00	12,500.00	-
Dept of Fish and Game	-	-	-	-	12,500.00	12,500.00	-
Total Outstanding All Years	-	-	-	-	25,000.00	25,000.00	-

Lake Elsinore/San Jacinto Watershed Authority
Statement of Net Assets
For the Seven Months Ending Friday, January 31, 2014

Assets

Checking - Citizens	\$95,043.52
L.A.I.F.	532,601.44
Total Assets	<u>\$627,644.96</u>

Liabilities

Accounts Payable	85,541.68
Total Liabilities	<u>\$85,541.68</u>

Retained Earnings	392,401.67
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Excess Revenue over (under) Expenditures	<u>\$149,701.61</u>
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Total Net Assets	<u>\$542,103.28</u>
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Total Liabilities and Net Assets	<u>\$627,644.96</u>
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Lake Elsinore/San Jacinto Watershed Authority
Revenues, Expenses and Changes in Net Assets
For the Seven Months Ending Friday, January 31, 2014

	Period Actual	YTD Actual	Annual Budget	% Used	Budget Variance
Revenues					
State Grant Proceeds	\$0.00	\$0.00	\$150,000.00	0.00%	\$150,000.00
LAIF Interest	246.19	477.19	1,500.00	31.81%	1,022.81
Member Agency Contributions	0.00	130,435.00	50,000.00	260.87%	(80,435.00)
Other Agency Contributions	(12,500.00)	337,438.00	580,000.00	58.18%	242,562.00
Total Revenues	(\$12,253.81)	\$468,350.19	\$781,500.00	59.93%	\$313,149.81
Expenses					
Salaries - Regular	4,383.91	27,061.48	56,475.00	47.92%	29,413.52
Payroll Burden	1,950.84	12,042.36	25,131.00	47.92%	13,088.64
Overhead	6,939.73	42,838.33	89,394.00	47.92%	46,555.67
Audit Fees	0.00	5,500.00	5,230.00	105.16%	(270.00)
Consulting - General	66,223.45	227,826.18	202,050.00	112.76%	(25,776.18)
Other Professional Services	0.00	0.00	150,000.00	0.00%	150,000.00
Legal Fees	0.00	700.00	0.00	0.00%	(700.00)
Project Construction	0.00	0.00	300,000.00	0.00%	300,000.00
Meeting & Conference Expense	0.00	72.32	1,000.00	7.23%	927.68
Shipping & Postage	0.00	9.98	50.00	19.96%	40.02
Office Supplies	0.00	0.00	60.00	0.00%	60.00
Board Compensation	0.00	0.00	300.00	0.00%	300.00
Other Expense	0.00	0.00	100.00	0.00%	100.00
Insurance Expense	0.00	2,572.00	2,900.00	88.69%	328.00
Interest Expense	4.96	25.93	100.00	25.93%	74.07
Total Expenditures	\$79,502.89	\$318,648.58	\$832,790.00	38.26%	\$514,141.42
Excess Revenue over (under) Expenditures	(\$91,756.70)	\$149,701.61	(\$51,290.00)	-291.87%	(\$200,991.61)

Lake Elsinore San Jacinto Watersheds Authority
Revenues, Expenses and Changes in Net Assets by Project
For the Month Ending January 31, 2014

	JPA	TMDL				Budget	% Used	Budget
	Administration	Task Force	Total					Variance
Revenues								
State Grant Proceeds	\$ -	\$ -	\$ -	\$ 150,000.00	0.00%	\$ 150,000.00		
LAIF Interest	477.19	-	477.19	1,500.00	31.81%	1,022.81		
Member Agency Contributions	50,000.00	80,435.00	130,435.00	50,000.00	260.87%	(80,435.00)		
Other Agency Contributions	-	337,438.00	337,438.00	580,000.00	58.18%	242,562.00		
Total Revenues	\$ 50,477.19	\$ 417,873.00	\$ 468,350.19	\$ 781,500.00	59.93%	\$ 313,149.81		
Expenditures								
Salaries	\$ 11,378.47	\$ 15,683.01	\$ 27,061.48	\$ 56,475.00	47.92%	\$ 29,413.52		
Benefits	5,063.42	6,978.94	12,042.36	25,131.00	47.92%	13,088.64		
G&A Allocation	18,012.12	24,826.21	42,838.33	89,394.00	47.92%	46,555.67		
Audit Fees	5,500.00	-	5,500.00	5,230.00	105.16%	(270.00)		
Consulting	6,158.34	221,667.84	227,826.18	202,050.00	112.76%	(25,776.18)		
Studies	-	-	-	-	0.00%	-		
Other Contract Services	-	-	-	150,000.00	0.00%	150,000.00		
Legal Fees	700.00	-	700.00	-	0.00%	(700.00)		
Project Construction	-	-	-	300,000.00	0.00%	300,000.00		
Meeting & Conference Expense	-	72.32	72.32	1,000.00	7.23%	927.68		
Office Expense	-	-	-	110.00	0.00%	110.00		
Board Compensation	-	-	-	300.00	0.00%	300.00		
Other Expense	-	9.98	9.98	100.00	9.98%	90.02		
Insurance Expense	2,572.00	-	2,572.00	2,900.00	88.69%	328.00		
Interest Expense	25.93	-	25.93	100.00	25.93%	74.07		
Total Expenditures	\$ 49,410.28	\$ 269,238.30	\$ 318,648.58	\$ 832,790.00	38.26%	\$ 514,141.42		
Excess Revenue over (under) Expenditures	\$ 1,066.91	\$ 148,634.70	\$ 149,701.61	\$ (51,290.00)	-291.87%	\$ (200,991.61)		
Cash Balance @ 01/31/14	\$ 86,847.97	\$ 540,796.99	\$ 627,644.96					

**Lake Elsinore San Jacinto
Watersheds Authority
Disbursements
January 31, 2014**

Check #	Check Date	Type	Vendor	Check Amount
1719	01/10/14	CHK	MWH Americas, Inc.	\$ 7,634.05
1720	01/10/14	CHK	Santa Ana Watershed Project Authority	\$ 5,811.52
1721	01/24/14	CHK	White Nelson Diehl Evans LLP	\$ 575.00
1722	01/24/14	CHK	O'Reilly Public Relations	\$ 734.17
1723	01/24/14	CHK	DSSN 3801LI/JAAAA	\$ 12,500.00
EFT025	01/16/14	CHK	Weston Solutions Inc	\$ 2,679.00
Total Disbursements January 2014				<u><u>\$ 29,933.74</u></u>

LESJWA BOARD MEMORANDUM NO. 740

DATE: April 17, 2014
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 March 3, 2014

RESOURCES IMPACT

None.

dm/

Attachment:

1. EOC Meeting Notes 3-3-14

LESJWA Education and Outreach Committee
Meeting Notes
March 3, 2014

Members Present: Mark Norton, Chair, SAWPA
Nicole Dailey, City of Lake Elsinore
Nancy Horton, City of Canyon Lake
Bonnie Woodrome, EVMWD

Others Present: Philip Southard, O'Reilly Public Relations

Members Absent: Steven Horn, County of Riverside
Greg Morrison, EVMWD

1. Call to Order

Mark Norton called the meeting to order at 12:10 noon 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 December 9, 2013 were reviewed and deemed acceptable by the Committee.

4. Project Status

- **Canyon Lake Improvements** – Nancy Horton said that she is not aware of any testing of water quality of the lake yet by the POA or EVMWD. Mr. Norton indicated that pre-alum application monitoring was done and post alum application monitoring is still ongoing and continues for four weeks after the week of February 10. Ms. Horton indicated that lake quality is sampled after rain events with 10 samples over a 30 day period. She shared the status of the Quail Valley sewer project. She also informed that Committee that the new City Manager is Keith Breskin.
- **TMDL Task Force** – Mr. Norton reported that the main project that the TMDL is engaged in is the alum application of Canyon Lake. Work is underway and the second alum application of Canyon Lake was conducted during the second week of Feb. 2014. Preliminary water quality monitoring shows that we are continuing to reduce the phosphorus levels in the lake effectively. Unfortunately, due to the warm air temperatures, an algae bloom hit the lake right after the first day of application in February resulting in the alum floating on the lake surface due to high oxygen levels released by the algae. LESJWA staff held emergency coordination meetings when the phenomenon was first observed and the Canyon Lake Patrol and the contractor, Aquatechnex, were very proactive in dispersing the alum through boat wave action to help it to drop to the lake bottom in the cove areas. After 4-5 days the alum did sink to the bottom resulting in improved lake appearance. The outcome and impacts were reported in the local newspapers but since the aesthetics issue has now been resolved, the public concern has subsided. The plan still at this point is to continue alum applications in September and February over the next two and a half years.

Regarding funding, 100% funding for the Canyon Lake Alum project through SAWPA's application for Proposition 84 Chapter 2 Integrated Regional Water Management Implementation Round 2 grant funding has now been authorized by DWR. .

- **Lake Levels** – The lake levels at the last meeting were 1239.31' at Lake Elsinore, and 1376.44' at Canyon Lake. The current lake levels are at 1239.38 and Canyon Lake at 1376.69. Rains have occurred recently and the lake levels since the monitoring on Feb. 28th has increased to almost the brim of the Canyon Lake dam.

5. Alum Outreach and Schedule

• Follow-up on February 2014 applications

Mr. Norton reported that the floating alum episode was very unexpected even for the contractor and lake experts who had provided guidance to LESJWA on the alum application dosage and process. Mr. Norton thanked Phil Southard of O'Reilly Public Relations for his assistance in preparing press releases on behalf of LESJWA. Mr. Norton indicated the primary criticism that he received was from the LESJWA Board in not communicating directly with them when phone calls from alarmed citizens first started to occur. Mr. Norton indicated that it was a learning experience and would make it a point to keep all the LESJWA Board members in the communication loop more immediately. The next action will be to hold a LE/CL TMDL TF Technical Advisory Committee meeting to discuss the alum application, review data, and hear from the experts to determine what actions we should take to prevent a reoccurrence of this phenomenon.

• September 2014

The next alum application is scheduled for September 2014. Another public workshop prior to the event as we have done for each application in the past makes sense to assure the public is aware of what will transpire, and to answer any questions they may have. The Committee suggested that the public workshop be set up two weeks prior to the application week, which has not yet been determined. LESJWA will be holding a coordination meeting with all involved parties in July to discuss the planned application week. Once the week is known, a public outreach workshop can be scheduled.

In the meantime, Mr. Norton is scheduled to address the Canyon Lake City Council on March 5, and Jason Uhley and Rick Whetsel will be addressing the Canyon Lake Property Owners Association on March 11. (This date has been moved to April 1).

6. 2014 Water Summit

The next LESJWA Water Summit was discussed. Mr. Norton indicated that the feedback from the LESJWA Board was that the Summit should occur this fiscal year rather than waiting until after the Nov. 2014 elections. The Committee discussed possible dates and recommended possibly a Wednesday in mid-May 2014 (The date finally selected is Tuesday, May 13 from 8:30 am – 11:30 am). The program would be similar to last year's program, but a special invitation is to be made to Kurt Berchtold, Executive Director, Santa Ana Regional Water Quality Control Board, to speak as a high profile speaker who may attract more elected officials to attend.

The Committee suggested the following topics be covered at the Summit.

- Alum application - Canyon Lake
- Positive marketing – results of Lake Elsinore and Canyon Lake – no major fish kills
- Drought effects – dropping water levels especially at Lake Elsinore
- Value of collaboration and Quail Valley moratorium

7. Discuss Items for Next Agenda

8. Next Meeting Date

The next LESJWA Education and Outreach Committee will meet on Monday, April 14, 2014 10:30 a.m. at EVMWD.

LESJWA BOARD MEMORANDUM NO. 741

DATE: April 17, 2014
SUBJECT: FY 2014-2015 Budget
TO: LESJWA Board of Directors
FROM: Mark R. Norton, P.E., Authority Administrator

RECOMMENDATION

Staff recommends that the Board of Directors approve the FY 2014-2015 LESJWA budget, and invoice each LESJWA member agency based on new contributions levels as reflected in budget.

BACKGROUND

The attached budget covers activities of the Authority from July 1, 2014 to June 30, 2015. It also lists the existing projects, studies, and administrative costs associated with operating the agency and implementing TMDL projects. It includes the use of the remaining reserve revenue funding carried over from past member agency contributions for much of the LESJWA administrative activities and to balance the budget. Based on projections of costs for FY 2014-15, funding from the reserves, funding by member agencies and additional funding provided by the LE/CL TMDL Task Force will be sufficient to cover all projected JPA activities.

The major activities planned for FY 2014-15 include administration and implementation of the many TMDL tasks for both lakes, including a Canyon Lake water quality improvement project – alum application, watershed runoff and pre- and post alum application monitoring, and development of a revised watershed and lake monitoring plan.

In FY 2014-15, the main source of funding coming into LESJWA will continue to be from the TMDL parties that are supporting the TMDL Task Force administration. The source of this funding will be from the TMDL stakeholders; some are the LESJWA member agencies. A portion of the TMDL funding is now being used to pay for the LESJWA organization administration. A significant portion of the LESJWA's organization administration costs still come from local contributions of the LESJWA member agencies.

As indicated in the recently approved LESJWA Business Plan, one of the primary concerns with the long-term financial outlook for the organization 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 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

Staff continues to monitor outside funding sources for future planning and projects that LESJWA can undertake. LESJWA has been successful in obtaining a funding grant of \$500,000 from SAWPA's One Water One Watershed application for State Proposition 84 Integrated Regional Water Management Implementation Round 2 Funding Program that will support the TMDL compliance.

Annual costs for operating LESJWA have been reduced somewhat based on a proposed reduced work scope for education and outreach consulting support, the elimination of Board compensation (stipend) and cost reductions incurred by SAWPA staff in support of LESJWA. The need for additional revenue funding by the LE/CL TMDL Task Force and/or its member agencies to support LESJWA JPA operations has been discussed with the Task Force as a future expense. Staff has indicated to the LE/CL TMDL Task Force that such funding is justified based on the benefit of local governance, contract administration and the grant application and administration undertaken by LESJWA related to the TMDL compliance. The LESJWA funding level provided by the Task Force for the coming year has been approved in their FY 2014-2015 budget allocation.

Attachment 1, shown as additional information, reflects the draft FY 2014-15 LE/CL TMDL Task Force Budget anticipated to be approved by the Task Force. Their budget revenue is reflected as "TMDL stakeholder contributions" under Revenue and "TMDL-Administration" and "TMDL studies and monitoring" under Expenditures.

Staff recommends continuance of the member agency funding contribution amount of \$10,000 for the City of Canyon Lake, Riverside County, and SAWPA, with agreed to increased funding levels of \$20,000 each from EVWMD and the City of Lake Elsinore.

LESJWA staff met with City of Menifee upper management staff to introduce the concept of potentially participating as a future additional member to the JPA Board. Negotiations will continue.

RESOURCE IMPACT

SAWPA is supportive of providing staff to serve as administrator 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

Attachment:

1. Draft FY 2014-15 LESJWA Budget with approved LE/CL TMDL Task Force FY 2014-15 Budget

LAKE ELSINORE AND SAN JACINTO WATERSHEDS AUTHORITY
FY 2014/2015 BUDGET

	FY 13-14 Budget Total	FY 13-14 Actual thru 2/28/14	FY 13-14 Expected Total	FY 14-15 Budget Total
Operating Revenue				
JPA Reserve Transfer	51,290			21,132
JPA LAIF Interest	1,500	477	712	800
Member Contributions*	50,000	50,000	50,000	70,000
JPA Adm Sub Total	102,790	50,477	50,712	91,932
 TMDL stakeholder contributions	 580,000	 417,873	 429,823	 444,744
 Grant Proceeds				
Canyon Lake Hybrid Project - Alum	150,000			210,148
LESJWA Total	682,790	468,350	480,535	746,824
Operating Expenditures				
JPA Administration				
Salaries, burden & OH (SAWPA)	76,000	42,578	65,000	65,000
Legal		1,138	1,500	1,500
Audit	5,230	5,500	5,500	5,500
Insurance	2,900	2,572	2,572	2,572
Meetings and Conference	1,000		100	100
Office Expense	60		60	60
Shipping Postage	50		50	50
Board Compensation	300			
Other Expense	100		50	50
Interest Expense	100	26	50	50
Public Relations Program	17,050	6,158	17,050	17,050
JPA Adm Subtotal	102,790	57,972	91,932	91,932
 TMDL Task Force				
TMDL - Administration (SAWPA)	95,000	61,692	95,000	102,308
TMDL studies & monitoring	185,000	53,328	77,744	329,500
Canyon Lake Lake Treatment	300,000	187,840	187,840	223,084
Total	682,790	360,832	452,516	746,824
 JPA Reserves Remaining	76,341	80,477	39,257	18,125
 TMDL Reserves Remaining	360,000	115,013	69,239	69,239
 * Member agency allocation - City of LE	\$10,000			\$20,000
* Member agency allocation - EVMWD	\$10,000			\$20,000
* Member agency allocation - Co of Riv	\$10,000			\$10,000
* Member agency allocation - City of CL	\$10,000			\$10,000
* Member agency allocation - SAWPA	\$10,000			\$10,000

Summary Task Force Expenditures

Budget
2014-15**Part A: Task Force Regulatory/Administrative Budget**

1. Task Force Administration	\$ 80,000
Task Force Administrator (LESJWA)	
Annual Water Quality Reporting and Database Management	
Grant Preparation/Administration	
2. TMDL Compliance Expert	\$ 50,000
Risk Sciences	
3. Update of Watershed and In-Lake Nutrient Monitoring Program Plans	\$ 40,000
Watershed Monitoring	\$ 20,000
in-lake Monitoring	\$ 20,000
4. Update of Watershed and In-Lake Nutrient Models	\$ 125,000
Watershed Modeling	\$ 50,000
in-lake Modeling	\$ 75,000
5. Review and Revision of Water Quality Objectives	\$ -
Revise Water Quality Targets	\$ -
6. Revise TMDL	\$ -
7. Contingency (10% of budgeted project expenses)	\$ 29,500
TMDL Task Force Regulatory/Administrative Budget	\$ 324,500

Part B: TMDL Implementation Project Budget

1. TMDL Compliance Monitoring	
Watershed-wide Nutrient Monitoring Program	\$ 85,000
Watershed-wide Nutrient Monitoring & Report Preparation (Weston Solutions)	\$ 70,000
Wet Year Watershed-wide Monitoring (weather dependant) (RCFC&WCD)	\$ -
Lab Analysis, Watershed-wide Monitoring (RCFC&WCD)	\$ 15,000
Stream gauge O&M (RCFC&WCD)	\$ -
Lake Elsinore Nutrient Monitoring Program	\$ -
Lake Elsinore Nutrient Monitoring & Lab Analysis (EVMWD)	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring & Lab Analysis (EVMWD)	\$ -
2. Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M (to be handled by separate agreement)	\$ -
O&M	\$ -
Project Administration (10% of budgeted expenses)	\$ -
Fishery Management O&M	\$ -
Carp Removal Program	\$ -
Project Administration (10% of budgeted expenses)	\$ -
3. Canyon Lake Project Alternatives	\$ 245,392
Chemical Additions - Alum Dosing (2 applications annually)	\$ 187,840
Consulting Support	\$ -
O&M Agreement	\$ -
Detailed Design	\$ -
Construction	\$ -
Effectiveness Monitoring	\$ 35,244
O&M	\$ -
Project Administration (10% of budgeted expenses)	\$ 22,308
TMDL Task Force Implementation Budget	\$ 330,392

Prop 84 Round 2 IRWM FundingBudget
2014-15

Canyon Lake Hybrid Treatment process - Phase 1	\$ -
Total Grant Funding	\$ -

TMDL Task Force Budget : \$ 654,892

Task Force Agency Contributions Summary

Budget 2/12/2014
2014-15

1. Task Force Agency Allocation

			Total
MS4 Co-Permittees (Total)			\$ 445,731
Riverside County			\$ 37,291
City of Beaumont			\$ 24,485
City of Canyon Lake			\$ 35,071
City of Hemet			\$ 25,845
City of Lake Elsinore			\$ 31,455
City of Moreno Valley			\$ 114,562
City of Murrieta			\$ 24,485
City of Perris			\$ 27,205
City of Riverside			\$ 24,485
City of San Jacinto			\$ 24,485
City of Menifee			\$ 56,483
City of Wildomar			\$ 19,880
Elsinore Valley Municipal Water District (EVMWD)			\$ 16,225
San Jacinto Agricultural Operators			\$ 47,549
San Jacinto Dairy & CAFO Operators			\$ 16,225
CALTRANS - freeway			\$ 28,656
CA DF&G - San Jacinto Wetlands			\$ 24,570
Eastern Municipal Water District			\$ 16,225
March Air Reserve Base Joint Powers Authority			\$ 24,485
US Air Force (March Air Reserve Base)			\$ 35,226
Total Funding Required			\$ 654,892

Notes:

Task Force Administration

- a. Organize and facilitate TMDL TASK FORCE and TAC meetings,

TMDL Compliance Expert

- a. Assist in obtaining Regional Board approval of the CNRP and AgNMP,

Task Force Agency Contributions Detailed Tables

Budget
2014-15

Part A: Task Force Regulatory/Administrative Budget

Task Force Regulatory/Administrative Expenses

		Allocation
MS4 Co-Permittees		\$ 194,700
Riverside County		\$ 16,225
City of Beaumont		\$ 16,225
City of Canyon Lake		\$ 16,225
City of Hemet		\$ 16,225
City of Lake Elsinore		\$ 16,225
City of Moreno Valley		\$ 16,225
City of Murrieta		\$ 16,225
City of Perris		\$ 16,225
City of Riverside		\$ 16,225
City of San Jacinto		\$ 16,225
City of Menifee		\$ 16,225
City of Wildomar		\$ 16,225
Elsinore Valley Municipal Water District (EVMWD)		\$ 16,225
San Jacinto Agricultural Operators		\$ 16,225
San Jacinto Dairy & CAFO Operators		\$ 16,225
CALTRANS - freeway		\$ 16,225
CA DF&G - San Jacinto Wetlands		\$ 16,225
Eastern Municipal Water District		\$ 16,225
March Air Reserve Base Joint Powers Authority		\$ 16,225
US Air Force (March Air Reserve Base)		\$ 16,225
Funding Required		\$ 324,500

Part B: TMDL Implementation Project Budget

2/12/2014

TMDL Compliance Monitoring Expenses

Watershed-wide Nutrient Monitoring Program *	2/6/14 Cost Share Model	Allocation
MS4 Co-Permittees		\$ 62,815
Riverside County	0.102	\$ 8,551
City of Beaumont	0.025	\$ 2,125
City of Canyon Lake	0.025	\$ 2,159
City of Hemet	0.041	\$ 3,485
City of Lake Elsinore	0.107	\$ 9,095
City of Moreno Valley	0.184	\$ 15,640
City of Murrieta	0.025	\$ 2,125
City of Perris	0.057	\$ 4,845
City of Riverside	0.025	\$ 2,125
City of San Jacinto	0.025	\$ 2,125
City of Menifee	0.081	\$ 6,885
City of Wildomar	0.043	\$ 3,655
Elsinore Valley Municipal Water District (EVMWD)		
San Jacinto Agricultural Operators	0.152	\$ 12,920
San Jacinto Dairy & CAFO Operators		
CALTRANS - freeway	0.025	\$ 2,125
CA DF&G - San Jacinto Wetlands	0.026	\$ 2,210
Eastern Municipal Water District		
March Air Reserve Base Joint Powers Authority	0.025	\$ 2,125
US Air Force (March Air Reserve Base)	0.033	\$ 2,805
Funding Required	1.000	\$ 85,000

* Watershed Monitoring Normalized % Max TP or TN Load (based on load to both lakes projected in 2015)

Lake Elsinore Nutrient Monitoring Program	Allocation
MS4 Co-Permittees	\$ -
Riverside County	\$ -
City of Beaumont	\$ -
City of Canyon Lake	\$ -
City of Hemet	\$ -
City of Lake Elsinore	\$ -
City of Moreno Valley	\$ -
City of Murrieta	\$ -
City of Perris	\$ -
City of Riverside	\$ -
City of San Jacinto	\$ -
City of Menifee	\$ -
City of Wildomar	\$ -
Elsinore Valley Municipal Water District (EVMWD)	\$ -
San Jacinto Agricultural Operators	\$ -
San Jacinto Dairy & CAFO Operators	\$ -
CALTRANS - freeway	\$ -
CA DF&G - San Jacinto Wetlands	\$ -
Eastern Municipal Water District	\$ -
March Air Reserve Base Joint Powers Authority	\$ -
US Air Force (March Air Reserve Base)	\$ -
Funding Required	\$ -

Canyon Lake Nutrient Monitoring Program

Allocation 2/12/2014

MS4 Co-Permittees	\$ -
Riverside County	\$ -
City of Beaumont	\$ -
City of Canyon Lake	\$ -
City of Hemet	\$ -
City of Lake Elsinore	\$ -
City of Moreno Valley	\$ -
City of Murrieta	\$ -
City of Perris	\$ -
City of Riverside	\$ -
City of San Jacinto	\$ -
City of Menifee	\$ -
City of Wildomar	\$ -
Elsinore Valley Municipal Water District (EVMWD)	\$ -
San Jacinto Agricultural Operators	\$ -
San Jacinto Dairy & CAFO Operators	\$ -
CALTRANS - freeway	\$ -
CA DF&G - San Jacinto Wetlands	\$ -
Eastern Municipal Water District	\$ -
March Air Reserve Base Joint Powers Authority	\$ -
US Air Force (March Air Reserve Base)	\$ -
Funding Required	\$ -

Lake Elsinore Project Alternatives***Aeration & Destratification System O&M***

Allocation

MS4 Co-Permittees	\$ -
Riverside County	\$ -
City of Beaumont	\$ -
City of Canyon Lake	\$ -
City of Hemet	\$ -
City of Lake Elsinore	\$ -
City of Moreno Valley	\$ -
City of Murrieta	\$ -
City of Perris	\$ -
City of Riverside	\$ -
City of San Jacinto	\$ -
City of Menifee	\$ -
City of Wildomar	\$ -
Elsinore Valley Municipal Water District (EVMWD)	\$ -
San Jacinto Agricultural Operators	\$ -
San Jacinto Dairy & CAFO Operators	\$ -
CALTRANS - freeway	\$ -
CA DF&G - San Jacinto Wetlands	\$ -
Eastern Municipal Water District	\$ -
March Air Reserve Base Joint Powers Authority	\$ -
US Air Force (March Air Reserve Base)	\$ -
Funding Required	\$ -

Lake Elsinore Project Alternatives
Fishery Management O&M

2/12/2014

	Allocation
MS4 Co-Permittees	\$ -
Riverside County	\$ -
City of Beaumont	\$ -
City of Canyon Lake	\$ -
City of Hemet	\$ -
City of Lake Elsinore	\$ -
City of Moreno Valley	\$ -
City of Murrieta	\$ -
City of Perris	\$ -
City of Riverside	\$ -
City of San Jacinto	\$ -
City of Menifee	\$ -
City of Wildomar	\$ -
Elsinore Valley Municipal Water District (EVMWD)	\$ -
San Jacinto Agricultural Operators	\$ -
San Jacinto Dairy & CAFO Operators	\$ -
CALTRANS - freeway	\$ -
CA DF&G - San Jacinto Wetlands	\$ -
Eastern Municipal Water District	\$ -
March Air Reserve Base Joint Powers Authority	\$ -
US Air Force (March Air Reserve Base)	\$ -
Funding Required	\$ -

Canyon Lake Project Alternatives

Alum Addition **

2/6/14 Cost
Share Model

Allocation

		Allocation
MS4 Co-Permittees		\$ 188,216
Riverside County	0.050	\$ 12,515
City of Beaumont	0.025	\$ 6,135
City of Canyon Lake	0.068	\$ 16,687
City of Hemet	0.025	\$ 6,135
City of Lake Elsinore	0.025	\$ 6,135
City of Moreno Valley	0.337	\$ 82,697
City of Murrieta	0.025	\$ 6,135
City of Perris	0.025	\$ 6,135
City of Riverside	0.025	\$ 6,135
City of San Jacinto	0.025	\$ 6,135
City of Menifee	0.136	\$ 33,373
City of Wildomar		
Elsinore Valley Municipal Water District (EVMWD)		
San Jacinto Agricultural Operators	0.074	\$ 18,404
San Jacinto Dairy & CAFO Operators		
CALTRANS - freeway	0.042	\$ 10,306
CA DF&G - San Jacinto Wetlands	0.025	\$ 6,135
Eastern Municipal Water District		
March Air Reserve Base Joint Powers Authority	0.025	\$ 6,135
US Air Force (March Air Reserve Base)	0.066	\$ 16,196
Funding Required	1.000	\$ 245,392

** Normalized Multi Criteria Offset Demand or Min Buy in (Project % Need) (based on reduction need projected for 2015)

1) presumes actual CNRP/AGMNP offset demand estimates projected for 2015

2) Negative numbers are shown as "0", Jurisdictions with zero offset demand are not funding partners

3) Proposes 2.5% minimum project buy-in for those with minor offset demands

4) For those entities that have not developed nutrient management plans, offset demand is the load to Canyon Lake in excess of the WLA. WLA is determined into per acre values and then applying to the acreage of these jurisdictions

Task Force Agency Contributions Detailed Tables

	Allocation
MS4 Co-Permittees (Total)	\$ 445,731
Task Force Regulatory/Administrative Expenses	\$ 194,700
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 62,815
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 188,216
Riverside County	\$ 37,291
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 8,551
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 12,515
City of Beaumont	\$ 24,485
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,125
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
City of Canyon Lake	\$ 35,071
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,159
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 16,687

City of Hemet	\$ 25,845
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 3,485
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
City of Lake Elsinore	\$ 31,455
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 9,095
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
City of Moreno Valley	\$ 114,562
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 15,640
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 82,697
City of Murrieta	\$ 24,485
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,125
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
City of Perris	\$ 27,205
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 4,845
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135

City of Riverside	\$ 24,485
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,125
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
City of San Jacinto	\$ 24,485
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,125
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
City of Menifee	\$ 56,483
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 6,885
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 33,373
City of Wildomar	\$ 19,880
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 3,655
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ -
Elsinore Valley Municipal Water District (EVMWD)	\$ 16,225
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ -
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ -

San Jacinto Agricultural Operators	\$ 47,549
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 12,920
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 18,404
San Jacinto Dairy & CAFO Operators	\$ 16,225
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ -
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ -
CALTRANS - freeway	\$ 28,656
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,125
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 10,306
CA DF&G - San Jacinto Wetlands	\$ 24,570
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,210
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
Eastern Municipal Water District	\$ 16,225
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ -
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ -

March Air Reserve Base Joint Powers Authority	\$ 24,485
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,125
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 6,135
US Air Force (March Air Reserve Base)	\$ 35,226
Task Force Regulatory/Administrative Expenses	\$ 16,225
TMDL Compliance Monitoring Expenses	
Watershed-wide Nutrient Monitoring Program	\$ 2,805
Lake Elsinore Nutrient Monitoring Program	\$ -
Canyon Lake Nutrient Monitoring Program	\$ -
Lake Elsinore Project Alternatives	
Aeration & Destratification System O&M	\$ -
Fishery Management O&M	\$ -
Canyon Lake Project Alternatives	\$ 16,196

Total: \$ 654,892

LESJWA BOARD MEMORANDUM NO. 742

DATE: April 17, 2014

SUBJECT: LE&CL Nutrient TMDL – Phase 2 Compliance Monitoring Program

TO: LESJWA Board of Directors

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

RECOMMENDATION

Staff recommends that the Board of Directors approve Task Order No. H&A160-01 with Haley & Aldrich, Inc. for an amount not-to-exceed \$40,076 to develop a Phase 2 Compliance Monitoring Program to support the Lake Elsinore and Canyon Lake TMDL Task Force.

BACKGROUND

Based on direction from the Lake Elsinore/Canyon Lake (LE/CL) TMDL Task Force, a request for proposal (RFP) was solicited to develop a comprehensive Phase 2 compliance monitoring program to address requirements of the Lake Elsinore and Canyon Lake nutrient TMDLs. The need for this action was prompted by an upcoming TMDL interim compliance deadline of December 31, 2014 for a revised comprehensive watershed and in-lake monitoring program to be submitted for implementation in FY 2015-16.

The request for proposals was issued to the following twelve consulting entities, posted on the LESJWA website:

Tetra Tech, Inc.	MACTEC
Wildermuth Environmental	Brown and Caldwell
Montgomery Watson Harza	Inland Empire WaterKeeper
CDM Smith	Weston Solutions
UC Riverside, Dr. Michael Anderson	EIP Associates
PACE Advanced Water Engineering	Haley & Aldrich

Responses to the RFP were limited with only two submittals by Haley & Aldrich and PACE Advanced Water Engineering.

The LE/CL TMDL Task Force held a Technical Advisory Committee (TAC) meeting on March 11, 2014 to interview consultants and evaluate their proposals. The outcome of this process was that the TAC selected Haley & Aldrich, based upon their expertise and experience with the Lake Elsinore & Canyon Lake TMDL to successfully complete the project.

BUDGET IMPACT

All funding for this Task Order is provided by the TMDL Task Force for an amount not-to-exceed \$40,076. All staff contract administration time for this work will be taken from the TMDL budget and funded by the TMDL stakeholders.

MN:dm

Attachment:

1. General Services Agreement
2. Haley & Aldrich Task Order No. H&A160-01

AGREEMENT FOR SERVICES BY INDEPENDENT CONSULTANT

THIS AGREEMENT is made this 17th day of April, 2014 by and between the **Lake Elsinore & San Jacinto Watersheds Authority (LESJWA)** whose address is 11615 Sterling Avenue, Riverside, CA 92503, and **Haley & Aldrich("Consultant")** whose address is 9040 Friars Rd., Suite 220, San Diego, CA 92108.

RECITALS

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

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

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

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

AGREEMENT

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

ARTICLE I

TERM OF AGREEMENT

1.01 Term of Agreement. This agreement shall become effective on the date first above written and shall continue until **April 17, 2018**, unless extended or sooner terminated as provided for herein.

ARTICLE II

SERVICES TO BE PERFORMED

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

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

ARTICLE III

COMPENSATION

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

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

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

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

ARTICLE IV **OBLIGATIONS OF CONSULTANT**

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

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

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

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

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

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

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

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

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

ARTICLE V

OBLIGATIONS OF LESJWA

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

ARTICLE VI

ADDITIONAL SERVICES, CHANGES AND DELETIONS

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

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

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

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

ARTICLE VII
CONSTRUCTION PROJECTS:
CHANGE ORDERS FOR CONSTRUCTION CONSULTANT

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

ARTICLE VIII
TERMINATION OF AGREEMENT

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

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

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

ARTICLE IX
STATUS OF CONSULTANT

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

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

ARTICLE X
AUDIT; OWNERSHIP OF DOCUMENTS

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

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

shall make available to LESJWA's agents for examination of all such records and will permit LESJWA's to audit, examine and reproduce such records.

ARTICLE XI

MISCELLANEOUS PROVISIONS

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

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

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

11.04 Time is of the essence in the performance of services required hereunder. No liability will attach to either party from delay in performance or nonperformance caused by circumstances or events beyond the reasonable control of the party affected, including, but not limited to, acts of God, fire, flood, unanticipated Site or subsurface conditions, explosion, war, terrorism, request or intervention of a governmental authority (foreign or domestic), court order (whether at law or in equity), labor relations, accidents, delays or inability to obtain materials, equipment, fuel or transportation. Extensions of time within which to perform services may be granted by LESJWA if requested by Consultant and agreed to in writing by LESJWA. All such requests must be documented and substantiated and will only be granted as the result of unforeseeable and unavoidable delays not caused by the lack of foresight on the part of Consultant.

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

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

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

11.08 During the performance of the Agreement, Consultant, and its subcontractors, shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, and denial of family care leave. Consultant, and its subcontractors, shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Consultant, and its subcontractors, shall comply with the provisions of the Fair Employment and Housing Act (Government Code, Section 12290 et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 et seq., set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations are incorporated into this Agreement by reference and made a part hereof as if set forth in full. Consultant, and its subcontractors, shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement. Consultant shall include the non-discrimination and compliance provisions of this clause in all subcontracts to perform work under the Agreement.

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

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY

By _____
Mark Norton, Authority Administrator Date

HALEY & ALDRICH ~~B7~~ "

By _____ Date _____
Print/Type Name

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY
TASK ORDER NO. H&A160-01

CONSULTANT: Haley & Aldrich, Inc. **VENDOR NO.** 1728
9040 Friars Rd., Suite 220
San Diego, CA 92108

COST: \$40,076

PAYMENT: Monthly, upon receipt of proper invoice

REQUESTED BY: Rick Whetsel, Sr. Watershed Planner **April 17, 2014**

FINANCE: _____
Karen Williams, CFO Date

FINANCING SOURCE: Acct. Coding 160-TMDL-6113-01
Acct. Description TMDL Task Force

BOARD AUTHORIZATION REQUIRED: YES (X) NO ()
Board Memo LES743

This Task Order is issued upon by the Lake Elsinore & San Jacinto Watersheds Authority (hereafter "LESJWA") to **Haley & Aldrich, Inc.** (hereafter "Consultant") pursuant to the Agreement between LESJWA and Consultant entitled *Agreement for Services*, dated April 17, 2014 (*expires December 31, 2018*).

I. PROJECT NAME OR DESCRIPTION

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

II. SCOPE OF WORK / TASKS TO BE PERFORMED

Consultant shall provide all labor, materials, and equipment for the Project to perform the work with the Lake Elsinore and Canyon Lake TMDL Technical Advisory Committee (TAC) and Regional Board staff to:

1. Outline a framework and schedule for a comprehensive compliance monitoring program to demonstrate compliance with the Lake Elsinore and Canyon Lake Nutrient TMDLs and respective waste load allocations.
2. Prepare a comprehensive compliance Monitoring Program Plan (Plan).
3. Prepare a Monitoring Plan (MP) and Quality Assurance Program Plan (QAPP) as appropriate to address requirements of the Plan.

This work is outlined in detail as shown in in Attachment A.

Please refer to Appendix X for acceptable formats, also found at www.sawpa.org/html/e_req.htm

III. PERFORMANCE TIME FRAME

Consultant shall begin work within five days of the date this Task Order is signed by the Authorized Officer, and shall complete performance of such services by or before **June 30, 2015**.

IV. LESJWA LIAISON

Rick Whetsel, Sr. Watershed Planner shall serve as liaison between LESJWA and Consultant.

V. COMPENSATION

For all services rendered by Consultant pursuant to this Task Order, Consultant shall receive a total not-to-exceed sum of **\$40,076** in accordance with the rate schedule as shown in the Scope of Work. Payment for such services shall be made monthly upon receipt of proper invoices from Consultant, as required by the above-mentioned Agreement for Services.

VI. CONTRACT DOCUMENTS PRECEDENCE

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

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

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

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY

Robert Magee, Chair

Date

HALEY & ALDRICH, INC.

(Signature)

Date

Print or Type Name

3. Scope of Work

The Lake Elsinore & Canyon Lake Nutrient Total Maximum Daily Load (TMDL) is a mature (nearly 9 year old) program designed to reduce nutrient loads and restore beneficial uses in the lakes. Considerable work has been performed by the Lake Elsinore & San Jacinto Watershed Authority (LESJWA) over the years, both in terms of physical projects (e.g., oxygenation, alum application, carp removal) and monitoring efforts to measure progress toward achieving objectives. The monitoring component conducted to date constitutes the “Phase 1” Compliance Monitoring Program. According to the approved 2006 Lake Elsinore and Canyon Lake Nutrient TMDL Monitoring Plan, “Phase 1 of this program focuses on data issues regarding in-lake processes and the “linkage analysis” relating external pollutant loading to in-lake response and the associated predicted nutrient concentrations compared to numeric water quality targets... Phase 2 follows, focusing on intensive study in the watershed to address compliance monitoring, as well as addressing key data gaps in understanding external nutrient source contributions from the watershed.” This program has continued to evolve since 2006, with monthly meetings of the Lake Elsinore and Canyon Lake TMDL Technical Advisory Committee (LE & CL TAC) providing leadership to drive the program forward. As a result, many of the specific actions called out in the 2006 Monitoring Plan have been modified by more recent recommendations designed to achieve a better result based on actions implemented to date and a body of monitoring data that provide a better understanding of the issues in the lakes and surrounding watersheds. The in-lake and watershed-wide sampling programs developed under this contract are expected to be implemented over a period of five years, beginning in 2015-16.

Task 1 – Design Lake Elsinore & Canyon Lake TMDL Comprehensive Phase 2 Compliance Monitoring Program Framework

Haley & Aldrich will work with the LE & CL TAC and Regional Board staff to outline a framework and schedule for a comprehensive compliance monitoring program to demonstrate compliance with the Lake Elsinore & Canyon Lake Nutrient TMDLs and respective waste load allocations (WLA). Using guidance provided by Dr. Timothy Moore, Risk Sciences as a starting point, Haley & Aldrich will build a Framework that will detail in-lake and watershed-wide monitoring, as well as special studies to measure the effectiveness of the compliance strategy for the two lakes and help guide BMP selection and implementation. At the present time, watershed monitoring has continued according to the same protocol established under Phase 1 (monitoring at sites at the San Jacinto River at Goetz Road, Salt Creek at Murrieta Road, San Jacinto River below the CanyonLake Spillway, and the San Jacinto River at Ramona Expressway (which has not flowed for several years and is unlikely to flow due to subsidence at Mystic Lake). In-lake monitoring has been suspended to redirect resources toward the implementation of in-lake BMPs.

The Framework will be a high-level document outlining the objectives of the Phase 2 Compliance Monitoring Program and presenting study questions to be answered in the course of conducting the next phases of in-lake and watershed-wide monitoring, consistent with the objectives laid out in the TMDL, Regional Board-adopted Comprehensive Nutrient Reduction Plan, and the Riverside County MS4 Permit (Order R8-2010-0033).

The deliverable for this Task will be the Phase 2 Compliance Monitoring Program Framework. This Task is anticipated to begin on approximately April 1, 2014 and be completed by June 30, 2014.

Task 2 – Prepare Draft and Final LE&CL TMDL Comprehensive Phase 2 Compliance Monitoring Program Plan

Haley & Aldrich will prepare a comprehensive compliance Monitoring Program Plan (Plan), consistent with the Framework developed under Task 1 for review by LE&CL TAC and Regional Board staff. The Plan will include a detailed work plan and schedule for conducting both the in-lake and watershed-wide monitoring, as well as special studies to track TMDL compliance. The technical components Phase 2 monitoring will follow the recommendations provided by Dr. Timothy Moore of Risk Sciences, as well as recommendations provided by the LE & CL TAC in the course of developing the Plan.

In-Lake Monitoring: Phase 2 monitoring in the lakes will likely consist of monthly, depth-integrated sampling at specified locations for Chlorophyll-a, dissolved oxygen, and Total Phosphorous (TP) in both lakes, as well as Total Nitrogen (TN) and conductivity in Lake Elsinore. Sampling for ammonia is not recommended at this time in either of the lakes.

Watershed-Wide Monitoring: While the 2006 approved Monitoring Plan had called for more expansive monitoring (additional sampling locations throughout the San Jacinto watershed upstream of Canyon Lake), subsequent discussions between the LE & CL TAC and the Regional Board have resulted in a scaling back of this monitoring such that it will be conducted at the same three locations that have been monitored during Phase 1. It has been recommended that watershed monitoring continue at these same locations during wet weather (representative storm events) and dry weather (monthly) conditions to estimate TN and TP in the 2 stations upstream of Canyon Lake, to estimate average annual net nutrient loading to Canyon Lake, and to estimate TP load transfers from Canyon Lake to Lake Elsinore (based on data from the sampling site below Railroad Canyon Dam).

Special Studies: Some of the special studies that have been recommended (e.g., by Tim Moore) include, but are not limited to:

- Monthly satellite monitoring for Chlorophyll-a in Canyon Lake to identify trends;
- Characterization of TP flux from lake bottom sediments in Canyon Lake;
- Annual zooplankton surveys in Lake Elsinore (to be conducted in mid-summer);
- Zooplankton salinity tolerance study in Lake Elsinore (using *Ceriodaphnia zibia* in a mock ionic matrix);
- Characterization of TP flux from lake bottom sediments to evaluate aeration effectiveness in Lake Elsinore; and
- Satellite monitoring for Chlorophyll-a in Lake Elsinore to identify trends (summer season).

Haley & Aldrich will prepare a draft and final Plan, allowing 2 weeks of review time for the LE & CL TAC between the draft and final versions. Haley & Aldrich will submit the draft and final Plan in electronic format. This Task is anticipated to start July 1, 2014 and be completed September 30, 2014.

Task 3 – Prepare Draft and Final Monitoring Plan and Quality Assurance Project Plan

Haley & Aldrich will prepare a Monitoring Plan (MP) and Quality Assurance Program Plan (QAPP) for review by the LE & CL TAC and Regional Board staff as appropriate to address requirements of the Comprehensive Phase 2 Compliance Monitoring Program plan developed under Task 2. The Monitoring Plan and QAPP will address Surface Water Ambient Monitoring Program (SWAMP) guidelines as prescribed by the SWRCB. The Monitoring Plan will provide practical guidance for conducting field monitoring and sampling, sample handling, and documentation. The Quality Assurance Project Plan will provide a written protocol for the planning, implementation, and assessment procedures for the in-lake and watershed-wide monitoring, and describe quality assurance and quality control (QA/QC) activities.

Haley & Aldrich will prepare a draft and final MP and QAPP, allowing 2 weeks of review time for the LE & CL TAC and Regional Board between the draft and final versions. Haley & Aldrich will submit the draft and final MP and QAPP in electronic format for transmittal to the Regional Board for approval. This Task is anticipated to start October 1, 2014 and be completed December 31, 2014.

Attend Selected LE & CL TAC Meetings

Over the duration of the project, Haley & Aldrich staff will attend up to 3 meetings of the LE & CL TAC to provide updates on project activities and anticipated progress. When appropriate, we will develop a PowerPoint presentation that presents the results in a clear format that is easy to understand.

4. Fee Proposal

Cost Element		Task 1.1 - Design Phase 2 Program Framework		Task 2.1 - DRAFT Phase 2 Compliance Monitoring Plan		Task 2.2 - FINAL Phase 2 Compliance Monitoring Plan		Task 3.1 - DRAFT Monitoring Plans and QAPPs		Task 3.2 - APPROVED Monitoring Plans and QAPPs		Total	
Haley & Aldrich Labor	Haley & Aldrich Labor Rate per Hour	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Project Manager	\$214.00	12	\$2,568	12	\$2,568	4	\$856	12	\$2,568	4	\$856	44	\$9,416
Sr. Stormwater Professional	\$189.00	16	\$3,024	12	\$2,268		\$0	8	\$1,512		\$0	36	\$6,804
Staff Stormwater Professional	\$136.00		\$0	16	\$2,176	8	\$1,088	24	\$3,264	8	\$1,088	56	\$7,616
Sr. CAD/ Graphics Operator	\$129.00	4	\$516	4	\$516	2	\$258	4	\$516	2	\$258	16	\$2,064
Office Support	\$81.00	4	\$324.00	4	\$324	2	\$162	4	\$324	4	\$324	18	\$1,458
Subtotal Labor		36	\$6,432	48	\$7,852	16	\$2,364	52	\$8,184	18	\$2,526	170	\$27,358
Subcontractors		Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup
AMEC		1	\$1,869	1	\$2,898	1	\$2,331	1	\$2,898	1	\$2,331		\$12,327
Other Direct Costs	Direct Cost Per Unit	Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup	Unit	Cost with Markup
Mileage	0.555	160	\$98	160	\$98		\$0	160	\$98	160	\$98	640	\$391
Subtotal Subcontractors and ODCs			\$1,967		\$2,996		\$2,331		\$2,996		\$2,429		\$12,718
											Total Cost		\$40,076

5. Hourly Billing Rates

PROJECT CLASSIFICATION	HOURLY BILLING RATE
Project Manager	\$214.00
Senior Stormwater Professional	\$189.00
Staff Stormwater Professional	\$136.00
Senior CAD/Graphics Operator	\$129.00
Office Support	\$81.00

6. Miscellaneous Other Information

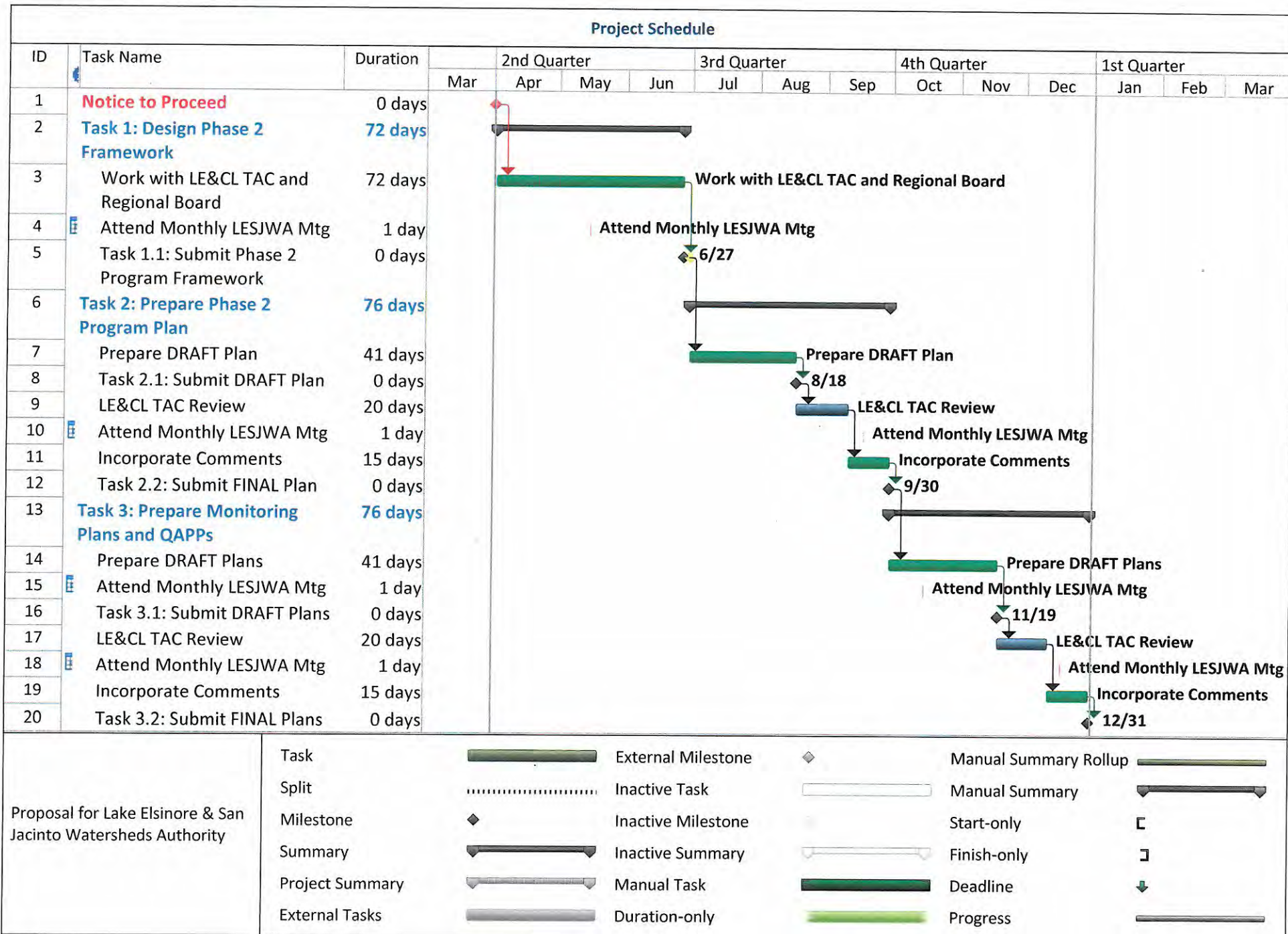
Haley & Aldrich has carefully reviewed the Agreement For Services By Independent Consultant updated 10-2012. We have three exceptions to the language in the text. Haley & Aldrich's professional liability carrier will only pay defense costs proportionate to a finding of Haley & Aldrich's negligence. To clarify this, Haley & Aldrich is requesting the modifications in yellow highlight.

Paragraph 4.03, Last Sentence: Consultant acknowledges and agrees that such insurance is in addition to Consultant's obligation to fully indemnify and hold LESJWA free and harmless from and against any and all claims arising out of an injury or damage to property or persons to the extent caused by the negligence, recklessness, or willful misconduct of Consultant In performing services assigned by LESJWA.

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

Paragraph 11.04: Haley & Aldrich proposes to add force majeure events text to this paragraph. Typical language we use is as follows. "No liability will attach to either party from delay in performance or non-performance caused by circumstances or events beyond the reasonable control of the party affected, including, but not limited to, acts of God, fire, flood, unanticipated Site or subsurface conditions, explosion, war, terrorism, request or intervention of a governmental authority (foreign or domestic), court order *whether at law or in equity), labor relations, accidents, delays or inability to obtain materials, equipment, fuel or transportation."

7. Project Schedule



LESJWA BOARD MEMORANDUM NO. LES743

DATE: April 17, 2014

SUBJECT: LESJWA Resolution- Local Cost Share Commitment and OWOW 2.0 Adoption

TO: LESJWA Board of Directors

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

RECOMMENDATION

Staff recommends that the Board of Directors approve Resolution No. 2014-01 to provide a commitment for the local funding match share for the Canyon Lake Hybrid Treatment Process project (Canyon Lake Alum Project), and approve the SAWPA Integrated Regional Water Management Plan update (One Water One Watershed- OWOW 2.0 Plan).

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 2011, based on studies conducted by Dr. Michael Anderson, the LE/CL TMDL Task Force agreed to a strategy to first apply alum to Canyon Lake for a few years, and then consider if a downsized HOS were necessary to ensure that TMDL response targets are met. Consequently, a hybrid approach was deemed a more appropriate path by the LE/CL TMDL Task Force.

In December 2012, LESJWA was informed that the Canyon Lake Hybrid Treatment Project was recommended for \$500,000 by the SAWPA Project Review Committee, the OWOW Steering Committee, and the SAWPA Commission. Between January 2013 and March 2013, LESJWA staff along with the Lake Elsinore and Canyon Lake TMDL Task Force worked to prepare the required DWR grant application.

In February 2014, DWR announced that they would be funding 100% of the SAWPA Round 2 grant application including \$500,000 to LESJWA for Canyon Lake Hybrid Treatment Process project. Documentation to execute the agreement with DWR and SAWPA was required from each project proponent, including LESJWA, in March 2014. SAWPA has requested that a commitment be provided by each project proponent that the local funding match is available and can be applied to the project. Further, with the SAWPA adoption of the recently updated OWOW 2.0 Plan, LESJWA staff recommended that LESJWA also adopt the OWOW 2.0 Plan to support opportunities for future grant funding.

RESOURCES IMPACT

Sufficient funding has been collected from the LE/CL TMDL Task Force by LESJWA to cover the local funding match required for the Canyon Lake Hybrid Treatment Process project. The funding expended on the first two alum applications at Canyon Lake is sufficient to cover the local 25% minimum match.

MN:dm

Attachment: Resolution No. 2014-01

RESOLUTION NO. 2014-01

A RESOLUTION OF THE BOARD OF DIRECTORS FOR THE LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY COMMITMENT TO PROVIDE LOCAL MATCHING FUNDING FOR THE PROPOSITION 84 IRWM ROUND 2 GRANT PROJECT – CANYON LAKE HYBRID TREATMENT PROCESS AND ADOPT OWOW 2.0 PLAN

WHEREAS, on November 16, 2010, the Santa Ana Watershed Project Authority (SAWPA) completed and adopted the “One Water One Watershed” (OWOW) Integrated Regional Water Management Plan (IRWMP), representing one of the most significant and innovative collaborative planning efforts to date in addressing water resources in the Santa Ana River Watershed, and wherein the Plan includes a list of regional projects;

WHEREAS, in August 2012, SAWPA called for projects under the OWOW Round 2 IRWMP, and 136 project proponents from throughout the watershed submitted their projects. Of the 136 projects proposed, 52 projects were submitted for funding consideration in Round 2 of Proposition 84 funding;

WHEREAS, on October 1, 2012, in response to SAWPA’s OWOW Round 2 IRWMP, the Lake Elsinore and San Jacinto Watersheds Authority (LESJWA) submitted projects for funding consideration under Proposition 84, Chapter 2, through the Department of Water Resources (DWR);

WHEREAS, on December 18, 2012, the SAWPA Commission approved a list of 22 projects submitted by project proponents, including LESJWA’s Canyon Lake Hybrid Treatment Process for funding under the OWOW Round 2 funding allocation through the DWR;

WHEREAS, on February 4, 2014, the SAWPA Commission completed and adopted its update to the OWOW plan, OWOW 2.0 Plan;

WHEREAS, as a condition of the grant funding for LESJWA’s project under the OWOW, the DWR and SAWPA requires that the LESJWA Board of Directors adopt the OWOW 2.0 Plan; and

WHEREAS, as a condition of the grant funding for LESJWA’s project under the OWOW IRWMP, SAWPA requires a resolution of local match funding to the Proposition 84 IRWM Round 2 grant project – Canyon Lake Hybrid Treatment Process.

NOW, THEREFORE, BE IT RESOLVED that the LESJWA Board of Directors hereby commits to providing local match funding for the Proposition 84 IRWM Round 2 grant project – Canyon Lake Hybrid Treatment Process based on funding contributions provided by the Lake Elsinore and Canyon Lake TMDL Task Force funding to LESJWA for Canyon Lake improvements and adopts SAWPA’s OWOW 2.0 Plan.

ADOPTED this 17th day of April 2014.

LAKE ELSINORE & SAN JACINTO WATERSHEDS AUTHORITY

By: _____
Robert Magee, Chair

LESJWA BOARD MEMORANDUM NO. 744

DATE: April 17, 2014

SUBJECT: 2014 LESJWA Water Summit

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 for the upcoming LESJWA Water Summit scheduled for Tuesday, May 13 at EMWD's Boardroom.

BACKGROUND

The LESJWA Water Summit has been held annually since 2012. The last Summit was held on April 23, 2013 at Eastern Municipal Water District's (EMWD) Board Room. The Summit provides an opportunity to invite elected officials and staff of the Lake Elsinore and Canyon Lake TMDL Task Force parties to provide important background and support about LESJWA's role, the nutrient TMDLs, and implementation projects like the Canyon Lake alum application. Costs for the event have decreased significantly over time due to the use of a public facility, and ending the event before the lunch hour. The location of EMWD was deemed by the Education and Outreach Committee as very effective in being located further upstream, closer to TMDL parties and upstream of Canyon Lake. The final cost including expenses incurred by O'Reilly Public Relations for the Water Summit was \$4,079.18, significantly below the previous year's costs. Approximately 50 people have attended in the past.

The 2014 LESJWA Summit has been scheduled for May 13 from 8:30 am – 11:30 am at the EMWD Boardroom in the City of Perris. Attached is an agenda for the event showing the speakers and topics as recommended by the LESJWA Board and the LESJWA Education and Outreach Committee. A formal invitation letter from the Riverside County Supervisors (see attached) has been prepared and will be sent out to all invitees as well. The Summit invite list is also attached.

RESOURCES IMPACT

Sufficient funding was provided in the approved LESJWA FY 2013-14 Budget under the education and outreach program for the LESJWA Summit.

MN:dm



LESJWA Water Summit

May 13, 2014, 8:30 a.m. – 11:30 a.m.

Eastern Municipal Water District Board Room
2270 Trumble Road
Perris, CA 92572

Welcome, Overview & Video

Robert Magee, LESJWA Chair
8:30 am – 8:45 am

Lake-Watershed Connections, Lake Challenges and LESJWA Accomplishments

Mark Norton, LESJWA Authority Administrator
8:45 am – 9:15 am

Quail Valley Moratorium, Nutrient TMDLs, and Task Force Benefits

Kurt Berchtold, Santa Ana Regional Water Quality Control Board
9:15 am – 9:45 am

MS4 permit and TMDL Costs & Savings

Jason Uhley, RCFCWCD
9:45 am- 10:15 am

Break

10:15 am – 10:30 am

Drought Impacts on Lake Elsinore & Canyon Lake

Nemesciano Ochoa, EVMWD
10:30 am – 11 am

Canyon Lake and Lake Elsinore Water Quality Projects To Come

Tim Moore, Risk Sciences
11 am – 11:30 am

Close



Board of Supervisors

District 1	Kevin Jeffries 951-955-1010
District 2	John F. Tavaglione 951-955-1020
District 3	Jeff Stone 951-955-1030
District 4	John J. Benoit 951-955-1040
District 5	Marion Ashley 951-955-1050

April 10, 2014

Dear LESJWA Water Summit Participant:

For a unique perspective on critical local water issues and a chance to speak with leading water experts and administrators in the region, we highly encourage you to attend the 2014 Water Summit hosted by the Lake Elsinore San Jacinto Watersheds Authority (LESJWA).

With Governor Jerry Brown's recent drought declaration, ensuring the sustainability and quality of our local water supplies has become essential for our region. Attendees of the 2014 Water Summit will be given detailed presentations on how the current drought is impacting our region, what LESJWA is doing to further protect our local watersheds, and what accomplishments have been made in reaching water quality goals.

The water summit will be headlined by Kurt Berchtold, Executive Officer for the Santa Ana Regional Water Quality Control Board. Other guest speakers include LESJWA Authority Administrator, Mark Norton; Chief of Watershed Protection for the Riverside County Flood Control and Water Conservation District, Jason Uhley; Assistance General Manager Elsinore Valley Municipal Water District, Nemesciano Ochoa; and Tim Moore of Risk Sciences.

The 2014 Water Summit will take place on Tuesday, May 13, 2014 from 8:30am-11:30am. The event will be held at the Eastern Municipal Water District Board Room at 2270 Trumble Road, Perris, CA 92570. A free continental breakfast will be provided for attendees. For reservations to the summit, please contact Phillip Southard at (951)786-7457 or email directly at psouthard@oreillypr.com.

We look forward to your participation!

Regards,

Kevin Jeffries
Board of Supervisors, District 1

Marion Ashley
Board of Supervisors, District 5

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LESJWA BOARD MEMORANDUM NO. 745

DATE: April 17, 2014

SUBJECT: Canyon Lake Alum Application

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 with Aquatechnex.

BACKGROUND

An update regarding the February 2014 Alum Application was given to the LESJWA Board on 20, one week after the second alum application to Canyon Lake. LESJWA staff reported at that time that due to unusually high oxygen levels resulting from a major algae bloom that arose in the lake the same weeks as the alum application, the alum sulfate liquid transformation to aluminum hydroxide, a flocking agent to collect phosphorus in the lake water column. Instead, much oxygen caused the aluminum sulfate to float or collect on the surface of the algae bloom, and the result was a delay to the transformation and flocking process. Instead of 1-2 days, the flock eventually dissipated after 3-4 days, particularly in the lake cove areas. The cause of the disruption was very unusual and unexpected. Fortunately, as indicated to the LESJWA Board, the aluminum sulfate still performed its function to collect and reduce the phosphorus in the water column to help meet the TMDL targets.

The LESJWA Board's direction to staff emphasized the need for more immediate notification of this type of event with each of the LESJWA Board staff. LESJWA staff indicated that this will be corrected for all future situations as requested.

With the phosphorus reduction, the food source for the algae, the lake clarity conditions have remarkably improved. In fact, based on recent observations primarily in the main body of Canyon Lake, it appears that clarity has been better than it has been for several years. LESJWA staff will share recent photos taken of the main body of the lake in the meeting.

The LESJWA Technical Advisory Committee met on March 11, which included the entire Canyon Lake Alum coordination team, Dr. Michael Anderson, and other experts with alum application. The preliminary conclusions of the group were that the event was very unusual and not likely to occur again if oxygen levels can be monitored more immediately, possibly concurrently with the application, and suspended temporarily if an algae bloom is expected to result. Many other approaches and alternatives were discussed; however, since pre-and post-monitoring data were not available, the TAC recommended that any modification to the alum application approach wait until the water quality data were obtained and made available from MWH and CSUSB. Since the next alum application is not scheduled until later in Fall of 2014, time is available to schedule another TAC meeting to determine any possible changes to the dosage, procedures, and timing of the application.

LESJWA staff and Jason Uhley of the RCFCWCD have provided updates on the status of the alum application to both the Canyon Lake POA and the City of Canyon Lake. In both cases, the governing boards appeared to be satisfied that the response to the last alum application had been resolved. No negative public comments occurred at either public meeting.

With the improve lake conditions and clarity, a press release was issued to the Canyon Lake Friday Flyer and posted on April 11, reflecting positive coverage of the results from the Canyon Lake alum application.

RESOURCES IMPACT

All staff administration time for the RFP has been budgeted under the LE/CL TMDL Task Force budget that is also shown in the LESJWA budget.

MN:dm

LESJWA BOARD MEMORANDUM NO. 746

DATE: April 17, 2014

SUBJECT: TMDL Task Force 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 on the Lake Elsinore and Canyon Lake TMDL Task Force.

BACKGROUND

On June 18, 2012, a new task force agreement was approved to continue work of the Lake Elsinore and Canyon Lake TMDL Task Force for the next five years. The agreement has now been signed so far by all the Task Force agencies except the CA Fish & Wildlife Service. Since the last LESJWA Board meeting, although the signature from this entity is still pending, the past and current invoices for the LE&CL TMDL Task Force work have been paid.

LESJWA continues to serve as the administrator for the Task Force and is a signatory to the Task Force Agreement. Now that the deferment of lake monitoring is coming to a close, the Task Force will be hiring a consultant to update the lake and watershed monitoring plan. Upon completion and acceptance of the monitoring plan by the Regional Board by Dec. 31, 2014, new lake monitoring and revised watershed monitoring will commence in 2015-2016.

For Lake Elsinore, the Task Force continues to encourage the Lake Elsinore operators to work together on a new operation and maintenance agreement for the Lake Elsinore aeration system. This will incorporate credits for funding support by the Riverside County MS4 permittees and others to meet their responsibility to control internal nutrient loads. Progress has stalled with changes in staff, but hopefully will begin again soon.

LESJWA has an agreement with Weston Solutions to continue to oversee and implement the FY 2013-14 watershed-wide stormwater monitoring for the Lake Elsinore and Canyon Lake Nutrient Total Maximum Daily Load (TMDL). One measurable storm has occurred so far this year.

As part of the Task Force Agreement, a Task Force budget and cost allocations were prepared by LESJWA for the FY 2014-15. The new budget reflects a separation of costs between administration for the Task Force, which includes Risk Sciences' support, additional modeling, and monitoring program development along with continued alum applications at Canyon Lake. The LE/CL TMDL TF budget for FY 2014-15 has been approved subject to LESJWA Board approval today.

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