

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

**December 15, 2016**

**DIRECTORS PRESENT**

Robert Magee, Chair  
Vicki Warren  
Kevin Jeffries  
Brenda Dennstedt

**REPRESENTING**

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

**DIRECTORS ABSENT**

Phil Williams

Elsinore Valley Municipal Water District

**OTHERS PRESENT**

Nancy Horton  
Richard Meyerhoff  
Liselle DeGrave  
Steve Horn  
Jason Uhley

Elsinore Valley Municipal Water District  
CDM Smith, Inc.  
DeGrave Communications  
County of Riverside  
Riverside County Flood Control & WCD

**LESJWA STAFF**

Mark Norton  
Karen Williams  
Dawna Munson

LESJWA Authority Administrator  
LESJWA/SAWPA Chief Financial Officer  
LESJWA Board Clerk

The Regular Board of Directors meeting of the Lake Elsinore and San Jacinto Watersheds Authority was called to order at 4:10 p.m., by Chair Robert Magee at the Elsinore Valley Municipal Water District, located at 31315 Chaney Street, Lake Elsinore, California. Chair Magee asked for roll call. Representation from four of the five member agencies was duly noted by the Board Clerk.

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

2016/12-1

**MOVED**, approval of the Consent Calendar including the Minutes from the October 20, 2016 Board Meeting, the Treasurer's Reports from September and October 2016, the November 14, 2016 Education & Outreach Committee meeting notes, and the October 19, 2016 Lake Elsinore/Canyon Lake TMDL Task Force meeting notes.

with the following vote:

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

## **2.0: Lake Elsinore & Canyon Lake Nutrient TMDL Revision Status Report (Memo #801)**

Mark Norton introduced Richard Meyerhoff of CDM Smith, who is the project director for the Lake Elsinore & Canyon Lake Nutrient TMDL Revision. It is a long-term effort that they've been working on over the past year, and it's expected to be concluded in 2018. It then will move through the regulatory process after that.

Richard Meyerhoff provided a PowerPoint presentation, beginning with the project's importance, goal, and challenges. He noted that this is very much a project team effort that includes Dr. Michael Anderson of UCR, and Amec Foster Wheeler. They also work closely with Tim Moore of Risk Sciences who works with the Task Force on regulatory issues.

Discussion points included the regulatory aspects of the project; the applicable water quality objectives – the two types being numeric and narrative objectives such as algae and salinity; the unique characteristics of the lakes; the issues with the current TMDL targets such as underestimated natural background levels; the impacts from other factors such as salinity in Lake Elsinore; the challenge of asymmetric loading to Lake Elsinore, and the attainability of the existing targets in Lake Elsinore. He next covered the two approaches for TMDL development; the reference conditions – defining sustainable use without development; and the numeric target development approach taking into account all of the above factors.

The team also has updated the Canyon Lake model and allowed for the separation of East Bay from the main body. He provided an example of observations made using an existing numeric target for chlorophyll-*a*. Mr. Meyerhoff then discussed the lake model findings for Lake Elsinore (1916-2015), and the cumulative distribution function – chlorophyll-*a* in Lake Elsinore and Canyon Lake.

He summarized the next steps of completing the key baseline technical work (numeric targets, source assessment, linkage analysis in early 2017), and he reviewed the project schedule. The key drivers will be the acceptance by the Regional Water Board and the EPA.

Mark Norton commented that the Project Team is on track and on budget, and that it is going very well.

The report was received and filed by the Board.

## **3.0: Canyon Lake Alum Application Agreement and Task Order (Memo #802)**

Mark Norton said this is a recommendation for a new task order to continue the alum application at Canyon Lake. A Request for Proposals was issued to eight firms in October 2016, and two proposals were received: one from AquaTechnex LLC, and the other from Arch Chemicals dba Marine Biochemists. AquaTechnex LLC came in as roughly half the cost proposed by Marine Biochemists. Further, based on the experience with AquaTechnex, their technical expertise, the evaluations and feedback, and their successful working approach, staff recommends that AquaTechnex be selected to conduct the work. The task order is for three years with an option for two years beyond that. The task order has been shared with the TMDL Task Force, and they agree with the recommendation to continue this effort with AquaTechnex for the next three years, with the additional two-year option.

Director Warren commented she is very happy with their performance.

Mr. Norton also noted that grant monies of \$500,000 were used and paid for the alum application for the past two years. There was approximately \$170,000 remaining, which was expended the last application. LESJWA should receive the reimbursement check for that soon. The contributing agencies will be paying for that unless another grant is received.

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

2016/12-2

**MOVED**, approval of the Agreement for Services and Task Order No. AQUA160-02 with AquaTechnex for an amount not-to-exceed \$640,315 for three continuous years of semi-annual alum dosing in Canyon Lake, with the option to extend the services for two additional years.

with the following vote:

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

**4.0: Education and Outreach Support (Memo #803)**

Mark Norton introduced LESJWA Consultant, Liselle DeGrave of DeGrave Communications, to provide a status report for the LESJWA Education and Outreach program.

Ms. DeGrave discussed the public outreach activities and that they also have established a Facebook page. She provided some user statistics since October 2016 when it was launched, and also showed how LESJWA compares to the City of Canyon Lake and the City of Lake Elsinore’s pages. The comments received indicate that followers are quickly grasping the information. She noted that this is another avenue for connecting to our community without always having to rely on the newspaper to impart the information. The majority of people going to the site have provided favorable feedback.

Ms. DeGrave also reviewed the outreach and administration such as quarterly reports; issues management – an example being the Canyon Lake algae blooms, and the upcoming outreach activities such as the Elsinore Valley Chamber of Commerce, and attending the Lake Elsinore *Save the Lake Committee* meeting. They’ve been keeping a high presence and involvement, and trying to be as helpful as possible.

She announced to the Board that she had submitted LESJWA for some PRSA awards to be presented at the annual Polaris Awards Dinner, which recognizes the best public relations projects in the Inland Empire. LESJWA won the Polaris Award for the LESJWA infographic, and also won the Capella Award for Community Relations and the Alum Application Community Outreach.

The report was received and filed by the Board.

**5.0: Report on Audit for Fiscal Year Ending June 30, 2016 (Memo #804)**

Mark Norton introduced SAWPA/LESJWA Chief Financial Officer, Karen Williams.

Ms. Williams informed the Board that the Audit was performed by the firm of White Nelson Diehl Evans, LLP, and had been provided in draft form to all the LESJWA Member Agencies, and there were no comments or issues. LESJWA received a clean report where there were no qualifications or reportable conditions. LESJWA’s financial reporting meets the generally accepted accounting principles, and is compliant with applicable State and Federal laws and regulations. She seeks approval of the Audit Report so she may send it out to the government agencies as required by law.

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

2016/12-3  
**MOVED**, receive and file the Fiscal Year 2015-16 Report on Audit prepared by the auditing firm of White Nelson Diehl Evans, LLP, and direct staff to file the Report on Audit with the respective government agencies.

with the following vote:

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

**6.0: Phase 2 TMDL Compliance Monitoring Program – Alum Effectiveness Monitoring Change Order (Memo #805)**

Mark Norton said this is a change order request to the existing task order with Amec Foster Wheeler Environment & Infrastructure, Inc. for an amount not-to-exceed \$20,252. The change order provides additional technical support to the Lake Elsinore and Canyon Lake TMDL Task Force monitoring program. The two parts for this work are 1) the pre- and post-alum effectiveness monitoring, conducted in October 2016, and 2) the stand-alone pre-alum effectiveness water quality assessment efforts required in association with future alum application events – two events annually. The Task Force is in support of this action.

Mr. Norton noted that the Task Force had discussed that even though we have an ongoing program each month, there is value in having this analysis done within a week of the alum application. A recent example is how the alum coagulated after the application. To avoid that, we want to do this pre-application evaluation, and Amec is doing this. The Task Force is in support of it and there is budget for it. Staff recommends approval of the change order to the existing Task Order.

Upon motion by Director Warren, seconded by Director Magee, the motion unanimously carried,

2016/12-4

**MOVED**, approval of Change Order No. 1 to Task Order No. AMEC160-02 with AMEC Foster Wheeler Environment & Infrastructure, Inc. for an amount not-to-exceed \$20,252 for Lake Elsinore & Canyon Lake Nutrient TMDL Phase 2 Compliance Monitoring.

with the following vote:

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

**7.0: Lake Elsinore & Canyon Lake TMDL Task Force Status Report (Memo #806)**

Mark Norton noted that some of the Task Force activities had already been discussed earlier in the meeting. The Task Force currently meets monthly, and a large part of the discussions has been on the TMDL revision work on which Richard Meyerhoff/CDM Smith presented today. Some of the recent Task Force discussions have been about algae toxins. The City of Lake Elsinore does have an algae toxin sampling program, which will be discontinued during the cooler months, but may restart in the future. They are watching it and know it's a concern to the Regional Board. They're not planning at this point to do any monitoring of the algae. The Task Force will be closely coordinating with them.

Discussed at the last Board meeting was a draft LEAMS agreement called the Nutrient Offset Agreement. That document has now been revised and is going through legal review by the County of Riverside and the City of Lake Elsinore. We await comments to get that solidified, and anticipate getting responses soon. This will be brought back to the Board for review and approval in early 2017.

Additionally, Tim Moore has been working on the Lake Elsinore Operation and Maintenance Agreement, which is currently under review by the original funding partners. The new Agreement will clarify the provisions regarding the reservation and assignment of offsets to address the three original project partners (County of Riverside, City of Lake Elsinore, EVMWD); the availability and ownership of any excess offset credits, and the terms and conditions for licensing excess offset credits to other parties. The core of that is the LEAMS License Agreement previously brought before the Board in draft form.

There also had been some concern by the boating and fishing groups about the Spiney Naiad, which has become more pervasive in Canyon Lake. It had been determined that it is a native plant that will need to be cut back on a regular basis as a regular maintenance activity by the POA. Other lakes experience similar invasive plant issues. Director Warren asked if anyone has discussed it with the POA. Mr. Norton said POA members attend the Task Force meetings, but they will pass it on to them.

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

2016/12-5

**MOVED**, receive and file a status report on the Lake Elsinore & Canyon Lake TMDL Task Force activities.

with the following vote:

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

**8.0: ADMINISTRATOR'S COMMENTS**

Mark Norton said he wanted to follow up on the question asked by Supervisor Jeffries at the last meeting – have we investigated all the potential ways to fill Lake Elsinore, particularly with recycled water potentially from EMWD. Mr. Norton had contacted EMWD's Deputy General Manager, Nick Kanetis, and asked if they had a surplus, and what was a ballpark figure to buy water to fill the lake. Mr. Kanetis said in essence, they do not have a surplus and they're using all of their water at this time. The calculation to fill the lake came to roughly \$22 million.

Mr. Norton also had attended the Save the Lake committee last week. Pat Kilroy, former Lake Manager for the City of Lake Elsinore was the primary speaker, and there were about 40 citizens in attendance. Mr. Kilroy was very helpful in providing a lot of background information. He invited the citizens to attend the LESJWA Board meetings and notified them that we will do anything we can to help. People are recognizing that LESJWA is doing many good things to help out and restore the lake, and will continue to do so.

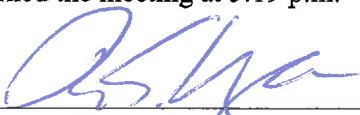
Chair Magee thanked Mark Norton for attending the Save the Lake meeting and for bringing the report back to the Board.

**9.0: DIRECTORS' COMMENTS**


None.

As there was no further business, Chair Magee adjourned the meeting at 5:19 p.m.

**APPROVED:** April 19, 2017

  
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Robert Magee, Chair

**ATTEST:** April 19, 2017

  
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Dawna Munson, Board Clerk