

LAS VEGAS VALLEY WATERSHED ADVISORY COMMITTEE

Clark County Regional Flood Control District
600 S. Grand Central Pkwy #268
Las Vegas, NV
June 12, 2012
2:00 p.m.

Members Present: Keiba Crear, *Las Vegas Valley Water District (alt. LVVWD)*
 Kevin Eubanks, *Clark County Regional Flood Control District (alt. CCRFCD)*
 David Mendenhall, *City of Las Vegas (alt. CLV)*
 Richard Mendes, *Clark County Water Reclamation District (CCWRD)*
 Dennis Porter, *City of Henderson (COH)*
 Peggy Roefer, *Southern Nevada Water Authority (alt. SNWA)*
 Randy Tarr, *Clark County (CC)*
 Reed Scheppmann, *City of North Las Vegas (CNLV)*

Also Present:	Sandra Donnelly	Sarah Pelissier
	Dan Fischer	Quang Phan
	Sandra Harris	Brenda Pohlman
	Priscilla Howell	LeAnna Risso
	Ebrahim Juma	Esther Rojas
	Carol Lane	Seth Shanahan
	Jeff Mills	Todd Tietjen

1. Welcome/Call to Order

Dennis Porter called the meeting to order at 2:05 p.m.

2. Public Comment

Seeing no request for public comment, Dennis asked for introductions.

3. Introductions

Participants introduced themselves.

4. Approve April 10, 2012 Meeting Summary

Motion to approve the summary passed.

5. Receive Report on Items Relating to the Las Vegas Valley Watershed Advisory Committee (LVVWAC) Tentatively Scheduled for the Regular Board Meetings of the LVVWAC Members

Kevin Eubanks reported that the Clark County Regional Flood Control District (CCRFCD) would take an interlocal agreement for work to be done on upstream Sloan Channel.

Peggy Roefer reported that there were three items for the Southern Nevada Water Authority (SNWA): a sub grant agreement with the Nevada Division of Environmental Protection to accept grant funding for regional water quality activities and related public outreach initiatives; an assistance agreement with the Bureau of Reclamation for funding to support the

modification of the Water Smart Landscape Rebate program and the interlocal agreement for the 2012-2013 funding allocations and budget for the Las Vegas Wash.

Keiba added one other item for SNWA. The Authority will approve an amendment to the agreement with Katz & Associates, Inc. for support on SNWA Major Construction Capital Plan and the Las Vegas Wash (Wash) Capital Improvements Plan.

6. **Receive Reports From Representatives of the Lake Mead Water Quality Forum, Las Vegas Wash Coordination Committee, and Stormwater Quality Management Committee**
Peggy Roefer reported that the Lake Mead Water Quality Forum (LMWQF) will meet July 24 at 10 am. The Lake Mead Ecosystem Monitoring Workgroup (LaMEM) is a subcommittee of the LMWQF and will share data with Lake Mead stakeholders while developing a holistic ecosystem level of understanding of Lakes Mead and Mojave. The purpose of the group is so that agencies can share a mutual interest in understanding and protecting Lakes Mead and Mojave. The LaMEM Workgroup convenes a voluntary collaborative integrative ecosystem level forum that supports individual member agency goals and objectives. LaMEM met May 24 and reviewed the purpose statement and monitoring for Lake Mead, the Wash, razorback sucker and quagga mussel. There was also discussion on a 2014 Lake Mead Science Symposium and an update on the Colorado River Regional Sewer Coalition. The group will meet again August 23 at 1 pm.

In regards to the Las Vegas Wash Coordination Committee (LVWCC), Seth Shanahan stated that its next meeting will be held on July 24 at 8:30 a.m. At that meeting, there will be a presentation on the National Park Service's (NPS) proposed flow regulation activities on the Las Vegas Wash below Lake Las Vegas. A letter of support of those weir improvements was sent to NPS from the LVWCC. Other meetings taking place include the Administrative, Operations and Research and Environmental Monitoring study team meetings which will be held July 11, as the first Wednesday is actually the July 4th holiday. The interlocal agreement for the Wash budget is going to SNWA's board and all LVVWAC members reported that it would be going to their perspective boards in June, July and August. Grants that have been received include \$200 thousand for water quality, \$200 thousand for revegetation and \$50 thousand for archeological studies along the Wash.

In the area of stabilization, the weir construction is ongoing and on schedule. DU Wetlands No. 1, Duck Creek Confluence and Upper Narrows Weir began construction in December 2011. By the end of June, substantial completion is expected for DU Wetlands No. 1 and full projected completion is anticipated by March 2013. From a water quality perspective, collection continues. For biology, bird surveys are in full swing. Willow flycatchers were been detected, however they are in areas where there is no construction to be done. The tamarisk leaf beetle has not been found but there is an anticipation of it this year. Approximately 10 acres of revegetation is scheduled to be turned over to Clark County within the Clark County Wetlands Park. Educational and outreach efforts continue, particularly in the area of the website where currently the photo gallery is being revised. Staff is also exploring the idea of a Facebook page. The programmatic agreement for cultural resources has been signed and the coordination group has been meeting.

Kevin Eubanks reported that the last meeting of the permit year was held on June 12. The group will develop a report and submit it to NDEP by September.

- 7. Authorize the submission of a grant application for the Bureau of Reclamation WaterSMART Cooperative Watershed Management Program Grant**
Peggy reported on the grant which has four requirements: have an established watershed group, develop mission statements, develop a watershed management plan and, and execute the watershed management plan. Peggy reported that Ron Zegers suggests that the grant could be used to develop a salinity plan for the watershed. The grant is for the amount of \$50 thousand. The LVVWAC approved submitting the grant application.
- 8. Review Amended LVVWAC Agreement and Take Action as Appropriate**
Dennis submitted that all LVVWAC member agencies have reviewed the document, taken it through their legal reviews and the submitted changes have been made. The LVVWAC approved the agreement.
- 9. Review Regional Water Quality Plan and Take Action as Appropriate**
Priscilla Howell reported on the water quality plan. The original document was created in 2007, so there were document updates which include: removal of the reference to the SCOP, BBAMP and CWC; text has been updated; addition of information on Clark County Wetlands Park; updated costs; and updated acronyms and definitions. Changes to the document included: changing the number of goals from seven to six; deleting strategies associated with goals (they are to be included in the strategy document); and deleting candidate policy concepts (to be included with the strategy documents as well). The document was approved by the LVVWAC.
- 10. Direct Staff to Develop Revised By-laws**
Dennis said a LVVWAC working group should review and revise the bylaws. The LVVWAC approved this item.
- 11. Receive Presentation on Determining the Chlorophyll Yield of Experimental Phosphorus Additions**
Todd Tietjen gave the presentation. He displayed a chart showing the rates of chlorophyll accumulation and phosphorus uptake in September along with the chlorophyll yield. Overall, the major finding of the study is an increase in phosphorus concentration of 5 ug P L^{-1} in the open waters of Lake Mead will produce $\sim 1 \text{ ug L}^{-1}$ chlorophyll *a*. Seasonal impact was very small, with only a small increase in the spring. There was also little variability between sampling locations. The study also showed a higher uptake rate for phosphorus and high production of chlorophyll during summer months. Risks associated with potential increases in phosphorus loading: changes in watershed, storm events and inflow dynamics. These results will be used to update the parameterization of the ELCOM/CAEDYM model.
- 12. Set Next Meeting Date and Propose Items for the Next Meeting's Agenda**
Members agreed the next meeting would be held July 10, 2012 at 2 p.m. Items include review of the Environmental Protection Agency's new framework for water and wastewater agencies.
- 13. Public Comment**
There were no comments. Meeting adjourned.