

LAS VEGAS VALLEY WATERSHED ADVISORY COMMITTEE

Clark County Regional Flood Control District
600 S. Grand Central Pkwy #108
Las Vegas, NV
October 9, 2012
2:00 p.m.

Members Present: Gale Fraser, *Clark County Regional Flood Control District (CCRFCD)*
Rick Holmes, *Las Vegas Valley Water District (LVVWD)*
David Mendenhall, *City of Las Vegas (alt. CLV)*
Tom Minwegen, *Clark County Water Reclamation District (CCWRD)*
Jane Pike, *Clark County (alt. CC)*
Quang Phan, *City of North Las Vegas (alt. CNLV)*
Dennis Porter, *City of Henderson (COH)*
Ron Zegers, *Southern Nevada Water Authority (SNWA)*

Also Present:	Sandra Donnelly	Zane Marshall
	Kevin Eubanks	Kim Maloy
	Dennis Fritz	Kerrienne Mukhopadhyay
	Sandra Harris	Peggy Roefer
	Priscilla Howell	Seth Shanahan
	Ebrahim Juma	Tim Sutko
	Carol Lane	

1. Welcome/Call to Order

Dennis Porter called the meeting to order at 2:10 p.m.

2. Public Comment

Seeing no request for public comment, Dennis moved forward with the meeting.

3. Introductions

Participants introduced themselves.

4. Approve June 12, 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

Rick Holmes reported three items for the Southern Nevada Water Authority (SNWA): to approve a cooperative agreement with State of Nevada, Division of Forestry for tamarisk removal; to approve an interlocal agreement among the City of Henderson, City of Las Vegas, Clark County, Regional Transportation Commission of Southern Nevada and Clark County

Water Reclamation District for funding allocations for the Clark County Aerial Imagery project; and finally to receive a report on the Water Resource Plan.

6. **Receive Reports From Representatives of the Lake Mead Water Quality Forum, Las Vegas Wash Coordination Committee, and Stormwater Quality Management Committee**
Seth reported that the Lake Mead Water Quality Forum (LMWQF) canceled the October meeting and will meet in January.

In regards to the Las Vegas Wash Coordination Committee (LVWCC), Seth stated that funding from the Bureau of Reclamation (BOR) has hit a cliff. That being said, the 2013-2014 budget is being prepared for the LVVWAC, but the challenge is formulating without certainty of grant funding. There are however some older grants that can secure this next fiscal year, but if the decrease continues, the future will be more difficult. The next Green Up is scheduled for October 20 with 400 volunteers expected to plant seven acres. Of the 400 acres planted in the Wash, half have been planted by volunteer events. The LVWCC has moved into social media with a Facebook page which increased traffic on the lvwash.org page. At the Administrative Study Team Meeting, there was a demonstration of the Desert Wetlands Conservancy's exhibit of an interpretation of the valley's watershed. It debuted at the Las Vegas Science Festival and received wonderful reviews. Seth offered the display to partnering agencies who may want it in general areas of their public agency. We are working with Mark Hall-Patton and the Clark County Museum to reconstruct the milk house. Permits have been approved and the project is scheduled to go to bid. The Cultural Resource Management Plan and a pocket field guide, which will be available at the Clark County Nature Center, have been finalized. The guide was funded by BOR and can be used by visitors on their walks at the Nature Center. Other activities include a presentation at the Research and Environmental Monitoring Study Team meeting on the status of perchlorate standards, which is a relevant topic to the project. The systems dynamics model from Desert Research Institute is scheduled to be finished by the end of the year. From the engineering side, two weirs are in construction. With the August and September floods, there was a large amount of soil deposits along the Wash. Hence, there will be major maintenance in the future.

Kevin Eubanks reported that the Stormwater Quality Management Committee annual report was submitted on October 1 for the year prior to July 1. New programs for new development mitigation are due by November 13 and are on track to meet the deadline.

7. **Discuss Status of the Bureau of Reclamation CWMP Grant Program**
Peggy reported that the LVVWAC was not chosen for the program, mainly because we already have a watershed group in place. Peggy will inform the LVVWAC of who was selected to receive the grant.
8. **Review LVVWAC Strategy Document**
Peggy gave a brief synopsis of the changes to the document in a presentation. The previous Regional Water Quality Plan text was used to create the Strategy Document. Changes include: adding introduction; updated text; deleting any mention of Clean Water Coalition, System Conveyance Operation Program and the Boulder Basin Adaptive Management Plan (BBAMP); added North Las Vegas as a wastewater agency; and also included strategies and implementation plans. Goal One was decreased from four to three strategies. Goal 2 had no changes. Goal Three had a small change by adding the word 'mitigate.' Goal Four and Goal

Six were combined and now have five strategies. Goal Five has no change and Goal 6 was previously Goal 7. This item will be considered for adoption at the next meeting.

9. Review Lake Mead Water Quality Sampling Plan

Peggy reported that this document was sent to the LVVWAC prior to the meeting. The LVVWAC directed staff to develop goals for sampling Lake Mead from the water quality goals of the BBAMP; to review current sample by all agencies and; develop a sampling plan to meet goals after BOR-Denver was no longer sampling. The group began meeting June 2011 to develop goals that would meet the needs of all agencies and optimize sampling efficiencies. Peggy displayed a map of the sites previously sampled and a map that shows what the committee decided was most efficient. Once the date was known for when BOR-Denver would cease sampling, the plan moved forward. The Sampling Plan captures the history of water quality sampling on Lake Mead and provides a description of current sampling plans. The plan is cooperation between agencies to provide sampling necessary to meet needs of the agencies and data is entered into the Lower Colorado River Water Quality Database for use by all agencies. There were some suggested changes to the document and a final version will be sent out to LVVWAC members.

10. Receive Presentation on 2012 Summer Floods

Tim Sutko, Clark County Regional Flood Control District (CCRFCDD) presented. August was seven times normal for rain in all parts of the valley. CCRFCDD has 180+ rain gauges in Clark County and 53 of those gauges measured more than two inches in a single day. The rain moved mostly west to east with the majority of it in the Henderson area. In terms of intensity it was about a 30-year event. There was limited property damage, multiple rescues and unfortunately one death. There were record flows in the channels, with 10,000 cubic feet per second at Duck Creek channel. The September event was a record breaking daily rainfall with 1.18 inches. The previous record of 0.61 inches was in 1998. That single day of precipitation was more than all of September in previous years, making 2012 the third wettest summer ever. The event had more than 1.5 inches in 15 minutes and exceeded design criteria in multiple areas. Tim showed videos of both flood events including swift water rescues. Property damage in September was much greater with many homes sustaining damage and requiring major repairs. There was regrettably another death in September.

Gale Fraser noted that the flood channels and weir have been a great benefit to the entire valley. During the 1999 floods, there was \$20.5 million in damage and this year there was only \$2.7 million. However there were lives lost, so the work continues.

11. Set Next Meeting Date and Propose Items for the Next Meeting's Agenda

Members agreed to hold a meeting at the Clark County Nature Preserve once it is complete. The next meeting will be held in January unless a need arises sooner.

12. Public Comment

There were no comments. Meeting adjourned.