

CARSON WATER SUBCONSERVANCY DISTRICT
BOARD OF DIRECTORS AND
CARSON RIVER WATERSHED COMMITTEE MEETING
August 21, 2019, 6:30 P.M.

DRAFT Minutes

Chairman Erquiaga called the meeting of the Carson Water Subconservancy District (CWSD) to order at 6:30 p.m. in the NAI Alliance Conference Room, 1000 N. Division St., Ste. 202, Carson City, 89701. Roll call of the CWSD Board was taken and a quorum was determined to be present.

CWSD Directors present:

Carl Erquiaga, Chairman
Stacey Giomi, Director
Jack Jacobs, Director
Barry Penzel, Director
Ernie Schank, Director
Steve Thaler, Director
Mike Workman, Director

Absent CWSD Directors: Brad Bonkowski, Ken Gray, Fred Stodieck, & Larry Walsh.

Roll call of the Caron River Watershed Committee was taken which included CWSD Directors present and Committee Members: David Griffith, Don Jardine & Austin Osborne.

Others present:

Shane Fryer, Watershed Program Specialist
Brenda Hunt, Watershed Program Manager
Edwin James, General Manager
Mike Kellogg, JE Fuller
Ramon Naranjo, USGS
Debbie Neddenriep, Water Resource Specialist II
Angela Paul, USGS
Catrina Schambra, Administrative Assistant/Secretary to the Board
Richard Waskowsky, JE Fuller

The Pledge of Allegiance was led by Chairman Erquiaga.

Item #4 – Discussion Only: Public Comment – None

Item #5 – For Possible Action: Approval of Agenda

Committee Member Jardine made the motion to approve the agenda. The motion was seconded by Director Jacobs and unanimously approved by the Board.

Item #6 – For Possible Action: Approval of the Board Meeting Minutes of July 17, 2019

Director Giomi made the motion to approve the Board Meeting Minutes of July 17, 2019 as presented. The motion was seconded by Director Jacobs and unanimously approved by the Board.

CONSENT AGENDA

Item # 7 - For Possible Action: Approval of Treasurer's Report for July 2019

Item # 8 - For Possible Action: Approval of Payment of Bills for July 2019

Item #9 - For Possible Action: Approval of an amendment to the NEON contract in an amount not to exceed \$8,000

Director Thaler made the motion to approve the Consent Agenda Items as presented. The motion was seconded by Director Penzel and unanimously approved by the Board.

****END OF CONSENT AGENDA****

Item #10 – For Discussion only: Presentation by JE Fuller on the Dayton Valley Area Drainage Master Plan

Mike Kellogg presented report on Dayton Valley Area Drainage Master Plan. Mr. Kellogg showed historic photo of the area dated 1948 and compared it to 2017 photo. Over this time period the drainage patterns stayed relatively the same except in areas impacted by manmade changes. He explained the use of high-resolution topographical LiDAR mapping and high-powered models developed for this study. The models take the computer a full 5-days to calculate the data. The study included data collection, watershed assessment, topographical mapping, flood hazard assessment and flow path analysis. The results identified hazard classifications (vehicles, pedestrians and buildings) and the priority recommendations on project development in these areas.

Director Schank mentioned that the retention basins are all on private property. Moving forward needs to be a partnership with the community. Committee Member Osborne discussed Storey County's approach. Director Giomi asked if LOMAR changes had been looked at as having any effect on the outcome? Mr. Kellogg responded that the only flood hazard map for this study area is 6-Mile Canyon. This study did not evaluate changes to the floodplain maps.

The FEMA hazard analysis and cost/loss estimate were part of the study and the annual cost. Director Giomi suggests the study results could be used in plans for development. Director Osborne says development guidelines are being developed. This would be separate document, but available as needed.

Director Workman mentioned nothing can happen in Lyon County without a maintenance plan in place. This would require funding source. Ms. Neddenriep commented that Lyon County is less developed, and they have this data to use in future planning. She thinks it's a great study! Committee Member Griffith asks is Storey and Lyon counties are working together on this. Committee Member Osborne says it's a collaborative effort and it must be.

No action was taken.

Item #11 – For Discussion only: Presentation by USGS on the Arsenic and Nitrate Data Collection in Carson Valley

USGS representatives Angela Paul and Ramon Naranjo gave a preliminary update on their sampling studies in Carson Valley. Because this is not the official USGS final report on their study, their presentation cannot be shared on our website.

Ms. Paul reported to the Board on the latest testing for arsenic levels in Carson Valley. Director Jacobs asked if the arsenic was human caused. Ms. Paul responded no, that is naturally occurring in the valley. Iron and arsenic are intimately intertwined. When asked if arsenic levels had increased or decreased, she said there was no data to compare.

Director Schank asked if drought has an effect. Ms. Paul indicated that she does not think drought impacts arsenic levels. Director Penzel asks about trillion gallons of water in the aquifer, and doesn't that dilute the arsenic content? He is concerned about possible overreaction to study of arsenic levels that are relatively low. He asks if Tahoe can be studied and data used to comparative for our wells. Ms. Paul explains this is not possible as they are two totally different systems.

Ramon Naranjo presented data regarding nitrates in the Carson Valley. He explained in undeveloped areas, nitrates are naturally occurring from atmospheric precipitation. In urban areas, the changes are due to human activities and this leads to health issues. A discussion followed regarding how much more testing and monitoring was needed. Director Penzel asks if it can be required that residents provide well data as a condition of their permit? The answer is no. Director Thaler suggests that they incentivize the collection of well water like they did for Radon. The possible downside why participants won't want to have their samples made public because of possible property value concerns.

Director Workman reported that in Lyon County they received a grant to connect over 500 residents to the sewer system due to water quality concerns. A discussion followed regarding the cost of a new study and it was recommended this be included in the FY 2020-2021 budget.

No action was taken.

Item #12 – For Possible Action: Request from DVCD and CVCD to extend the Flood Assistance grants through June 30, 219

Mr. James provided background and explanation for the requested time extensions. Essentially this was an oversight as all sides thought it had been done when the last amendment was signed. Both vendors are filing their final invoices, and both are well under budget per their agreements. This is a time extension request only.

Director Schank made the motion to approve the time extension for both grants to June 30, 2019 as requested. The motion was seconded by Director Thaler and unanimously approved by the Board.

Item #13 – For Discussion only: An update on the Watershed Literacy Program

Brenda Hunt gave a presentation on the video project for the I AM CARSON RIVER campaign. She showed the filming concept of person walking through many different areas of the watershed. She also shared the script they are working on and gave dates for filming starting this month. Ms. Hunt also showed the completed logo and window sticker that will be mailed out to the public. Ms. Hunt is hoping they can be included with their utility bills. The target date for completion is November 2019.

Director Schank suggested that the logo be made into a sign to be added to the current signage for the watershed.

No action was taken.

Item #14 – For Possible Action: Approve agreement with HDR Engineering to Update the Carson Valley Flood Model in an amount not to exceed \$21,500

Mr. James informed the Board that CWSD received the next round of funding from FEMA, MAS 10. The grant is for over \$600,000. This is the first of many projects to be covered under MAS 10.

Director Jacobs made the motion to approve the HDR Engineering agreement as presented. The motion was seconded by Director Schank and unanimously approved by the Board.

Item #15 – For Discussion Only: Staff Reports – Mr. James reported the following:

- At a recent Turtle Park meeting a consultant spoke regarding possible introduction of beavers to the Carson River, speculating at possibly 12-24 beaver dams as a result. CWSD has concerns that beaver dams will block our Lost Lakes water rights from flowing downstream. Ed will be meeting with the Water Master tomorrow to discuss our concerns. Director Schank suggests CWSD put out a letter to all Carson River entities with our concerns of the negative impacts that are possible with this move. Ed says he will bring the letter forward at next Board meeting.
- The DVCD letter update is attached in the correspondence section per the request at the last Board meeting.
- The Water Purveyors meetings are coming up. They are open to all who would like to attend.

Ms. Hunt announced the upcoming CRC Meeting, October 23, 1-4pm at WNC: On the agenda is a Geomorphology 101 presentation by Lynn Zonge and Shane Fryer, plus 3-4 more speakers including one on funding resources.

Legal – None

Correspondence – None

No action was taken.

Item #16– For Discussion Only: Directors Reports - None

No action was taken.

Item #17 – For Discussion Only: Update on activities in Alpine County – Committee

Member Jardine reported the following:

- Rotanell use on the Carson River has been delayed by Cal Fish & Wildlife
- The Leviathan Mine Tour is September 20 hosted by Lahontan Regional Water Quality Control Board. It is open to the public and more info can be found on their website.
- California LAMP Level 2 has been adopted by Alpine County. This could force some communities to go onto municipal systems.
- Red Lake and Indian Lake have reported toxin algae blooms. Levels high enough to kill dogs and toxic to humans, too. Stay out of the water!

No action was taken.

Item #17 – For Discussion Only: Update on activities in Storey County – Committee

Member Austin Osborne reported Storey County is moving forward on the Gold Hill Sewer Project and he is very happy about that.

No action was taken.

Item #19 – For Discussion Only: Public Comment – None

There being no further business to come before the Board, Chairman Erquiaga adjourned the meeting at 8:45 p.m.

Respectfully submitted,

Catrina Schambra
Secretary to the Board

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