

**CARSON WATER SUBCONSERVANCY DISTRICT AND
CARSON RIVER/ALPINE COUNTY WATER SUBCONSERVANCY
JOINT POWERS AUTHORITY BOARD
FINANCE COMMITTEE**

NOTICE OF PUBLIC MEETING

DATE: August 23, 2017
TIME: 9:00 A.M.
LOCATION: Carson Water Subconservancy District
Conference Room
777 E. William St., #110
Carson City, NV 89703

AGENDA

Please Note: Reasonable efforts will be made to assist and accommodate individuals with disabilities who wish to attend the meeting. Please contact Toni Leffler at (775)887-7450 (<mailto:toni@cwsd.org>), at least a week in advance so that arrangements can be made.

1. Call to Order the Carson Water Subconservancy District (CWSD) Board of Directors
2. Roll Call
3. Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.
4. For Discussion and Possible Action: Approval of the minutes from the Finance Committee meeting on February 28, 2017.

**RECESS TO CONVENE AS
THE CARSON RIVER/ALPINE COUNTY WATER SUBCONSERVANCY
JOINT POWERS AUTHORITY BOARD**

5. Roll Call for the Carson River/Alpine County Water Subconservancy Joint Powers Authority (JPA) Board.
6. Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.
7. For Discussion and Possible Action: Review of the proposed draft five-year budget for future planning purposes.
8. Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.

**ADJOURN TO RECONVENE AS
THE CARSON WATER SUBCONSERVANCY DISTRICT BOARD OF DIRECTORS**

9. For Discussion and Possible Action: Review of the proposed draft five-year budget for future planning purposes.
10. Discussion Only: Public Comment - Action may not be taken on any matter brought up under public comment until scheduled on an agenda for action at a later meeting.
11. For Possible Action: Adjournment

Supporting material for this meeting may be requested from Toni Leffler at 775-887-7450 (<mailto:toni@cwsd.org>) and is available at the CWSD offices at 777 E. William St., #110A, Carson City, NV 89701 and on the CWSD website at www.cwsd.org.

In accordance with NRS 241.020, this notice and agenda has been posted at the following locations :

-Dayton Utilities Complex
34 Lakes Blvd
Dayton, NV

-Minden Inn Office Complex
1594 Esmeralda Avenue
Minden, NV

-Lyon County Administrative Building
27 S. Main St.
Yerington, NV

-Churchill County Administrative Complex
155 N Taylor St.
Fallon, NV

-Carson City Hall
201 N. Carson St.
Carson City, NV

-Carson Water Subconservancy District Office
777 E. William St., #110A
Carson City, NV

8/23/17 CWSD/JPA Finance Committee Meeting Agenda

-Alpine County Administrative Building
99 Water St.
Markleeville, CA

AFFIDAVIT OF POSTING

The undersigned affirms that on or before 9:00 A.M. on August 17, 2017, he/she posted a copy of the Notice of Public Meeting and Agenda for the August 23, 2017, meeting of the Carson Water Subconservancy District and Carson River/Alpine County Water Subconservancy Joint Powers Authority Board Finance Committee, in accordance with NRS 241.020; said agenda was posted at the following location: _____.

SIGNATURE

Name: _____

Title: _____

Date & Time of Posting: _____

**CARSON WATER SUBCONSERVANCY DISTRICT
FINANCE COMMITTEE MEETING
February 28, 2017, 8:30 A.M.**

DRAFT Meeting Minutes

Directors Present:

Brad Bonkowski, Carson City
Ken Gray, Lyon County
Don Jardine, Alpine County
Barry Penzel, Douglas County
Ernie Schank, Churchill County

Directors Not Present: none

Staff Present:

Edwin James, General Manager
Toni Leffler, Secretary

Others Present:

Kip Allander, USGS
Steve Berris, USGS
Jackie Bogdanovicz, Lahontan Conservation District (LCD)
Craig Burnside, Carson Valley Conservation District (CVCD)
Linda Conlin, River Wranglers
Mike Hayes, CVCD
Sean Hill, Sierra Nevada Journeys
Rob Holley, Dayton Valley Conservation District (DVCD)
Dan Kaffer, Alpine Watershed Group
Jason VanHavel, Storey County
Rich Wilkinson, Carson Valley Conservation District (by telephone)

The meeting was called to order at 8:35 a.m. by Director Schank. The meeting was held in the Conference Room of the Carson Water Subconservancy District, 777 E. William St., #110, Carson City, Nevada. A quorum of the Finance Committee was present.

Item #2 - Public comment. None

Item #3 - Discussion for possible action regarding approval of the minutes from the Finance Committee meeting on February 24, 2016. Director Bonkowski made the motion to approve the minutes of the Finance Committee meeting on February 24, 2016, as handed out. The motion was seconded by Director Schank which was unanimously approved, with Directors Penzel and Jardine abstaining for not having been at that meeting.

Item #3 - Discussion regarding the tentative General Fund FY 2017-18 budget and presentations for proposed projects. Ed James explained that the grant requests are greater than the funds available. We also have not been able to put any funds into the Acquisition/Construction Fund for the past three years. We will have to address this in our Strategic Planning Session. He explained that the proposed tentative FY 2017-18 budget is shown in the left column, the FY 2016-17 final budget is the middle column, and the right column reflects the projected actual FY 2016-17

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income and expenses. Mr. James will provide a pie chart regarding expense allocation in the Board package.

Director Bonkowski noted that Carson City estimates \$30 million in new construction this year and a proposed \$.05 increase in tax rate on new construction. This could mean an additional \$20,000 in CWSD revenue. Director Penzel reported that he met with the Douglas County Assessor yesterday who anticipates a minor amount of additional revenue but no decrease. Lyon County has seen a lot of growth. Director Schank commented that Mr. James has done a good job of painting a realistic picture for funding. Director Penzel suggested ranking the projects and create a standby list of projects in the event CWSD has additional funding.

Director Schank asked about emergency funding. There have been a lot of changes on the river, so our first priority needs to be helping the agencies that get the river back in shape after the flood and maybe not as much into the programs. Director Penzel agreed.

Mr. James noted that the Floodplain Management Fund has \$152,000 earmarked for flood protection/repair. The funding for repairing diversion structures after past flood events came from FEMA (75%), CWSD (12.5%), and individuals (12.5%). Repairs in 2006 cost approximately \$440,000. We can't fix the whole river, but we can focus on the diversion structures as valuable flood control. Director Penzel suggested keeping in mind what things support the main issue: the river and flooding on the river. The other projects can be put on the "nice to do" list. Also, FEMA has declared a State of Emergency, but where is the money? Mr. James responded that most of the work will be done in the summer and fall. Director Penzel urged getting the projects accomplished, speeding things up. We don't get things done until we have the money, so when will the money come? Mr. James responded that State Historic Preservation Office (SHPO) is a bigger issue to address in order to get the permitting. Director Penzel conceded that the second criteria is the speed with which we can more effectively get the project done.

Director Bonkowski asked about funds set aside for "planning" in the Floodplain Management Fund. Mr. James explained that it is like a contingency fund. The first priority is to clean the river and stabilize the banks; the second is flood repair from Floodplain Management Fund; and the third is the speed of project completion. Mr. James explained that some of flood repair can come from Floodplain Management Fund, but we need to save some funds for potential flooding next year. Director Schank noted that some of the funds expended this year won't have to be spent next year with the channels cleared. We may be in a two to three year flooding cycle because of how wet the snow is in the mountain.

GENERAL FUND Income: Mr. James explained that on the budget, the items in blue are grant funding and the items in red are new requests that may be altered to balance the budget. Director Penzel noted that conservation districts should maybe go farther down the list, but Mr. James explained that they are the ones who get the work done on the ground for us and that is what their requests are for.

Director Bonkowski noted that Carson City is expecting a 2.6% increase instead of the 2.3% which Mr. James projected. Staff will get the exact numbers from the Tax Department at the end of March, which will be reflected in the final budget. CWSD gets interest from investment in various

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CDs. Carson City expects to lease all the available water from both *Mud Lake* (#5022-00) and *Lost Lakes* (#5023-00) this year. Mr. James went over the grant income which is comprised of pass-through income accounts with expense accounts to offset them.

Administrative budget: Mr. James explained that the increases in *Salaries* (#7015-00) and *Benefits* (#7020-00) are based on the merit or longevity and COLA increases for employees who qualify. Benefits are higher in case Shane elects to take our insurance instead of being on his wife's, so benefits usually come in lower. We do get reimbursed for staff time from each grant in an amount of about 25% of the salaries account budget. During FY 2016-17, CWSD purchased a new printer and replaced three computers because of unexpected computer problems which is reflected in the higher actual expenditures than budget for *office equipment* (#7111-00).

Mr. James explained that there is not enough income to fund all the project requests this year and there are no transfers anticipated to the *Floodplain Fund* (#8009-00) or the *Acquisition/Construction (A/C) Fund* (#8002-00). He explained that the Acquisition/Construction Fund is for regional water systems. It can only be increased by transfers from General Fund and investment income. At one point, it was up to almost \$2 million, but it currently down to about \$660,000 because we have funded several construction projects. The list of potential regional projects would cost about \$1,500,000. Mr. James has already notified the groups making project requests that there is a shortfall in the CWSD budget this year and urged the group to consider what the minimum amount would be with which they could still conduct their projects.

Multi-Year and Ongoing Projects:

Professional Outside Services (#7114-00) – This account covers CWSD web and internet services and other unknown projects that may come up over the next fiscal year. \$15,000 is budgeted for this account because of computer problems.

Lost Lakes and Mud Lake Expenses (#7117-00 & #7118-00) – Lost Lakes expenses are high because of dam fees. Mud Lake always provides an income source with few expenses. Director Bonkowski noted that Carson City will take whatever they can get to rest their wells. Director Penzel asked if Carson City decreases its demand from the intertie because of water from Lost Lakes and Mud Lake. Director Bonkowski responded that the water replaces groundwater usage. Mr. James explained that we measure amount released and the amount Carson City takes, with 7% transportation loss.

Integrated Watershed Projects (#7120-00, -07, -25) - Most of these projects are pass-through grants. The watershed bus tour expense is covered by the fee and sponsors.

Environmental Education Coordinator Program (#7125-00) - Mr. James explained that this is a highly respected River Wranglers program covered by a NDEP grant, and Linda Conlin will give a presentation on it later in the meeting.

Noxious Weeds Control (#7404-00) - Mr. James pointed out that budgeting \$75,000 would give each county \$15,000 for noxious weed control. This money is being matched by federal grants.

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FEMA MAS #6 (#7427-00) - This phase has several study project areas which are almost completed and has \$7,760 budgeted for FY 2017-18.

FEMA MAS #7 (#7432-00) – This newest round of approved FEMA-funded projects has been budgeted for \$356,809 in FY 2017-18 as a pass-through grant.

Watershed Literacy Implementation (#7429-00) – As the continuation of the Watershed Literacy Program, this phase refined the survey results, created a Spanish version of the printed Watershed Map, and will reconfigure the online interactive Watershed Map. Only \$254 is required in FY 2017-18 for this pass-through grant.

Watershed Literacy Implementation-Phase III (#7433-00) – This third phase of the Watershed Literacy grant is budgeted for \$48,360 to hire a marketing firm to design a Healthy Watershed campaign with messages connecting people with their watershed, addressing polluted runoff, encouraging floodplain protection, and linking drinking water to the Carson River watershed. There will also be components for putting an interactive version of the Spanish Watershed Map on the CWSD website and hiring a consultant to create a Geomorphology 101 class for county staff and elected officials.

National Fish & Wildlife Foundation (NFWF) Weed Grant (#7430-00) - This two-year grant for noxious weed treatment is completed and does not include funding in FY 2017-18. Shane has been working with NFWF regarding an issue to do with the National Environmental Policy Act (NEPA) for the grant.

BLM Weed Grant (#7431-00) – This is the second year of a two-year grant from the Bureau of Land Management for treating weed on BLM land adjacent to private/county-owned properties, budgeted for \$14,000 in FY 2017-18.

Alpine County CASGEM (#7600-09) - The California Statewide Groundwater Elevation Monitoring (CASGEM) is a program that California has initiated to monitor groundwater levels. Staff gathers and prepares the data. Alpine County reimburses CWSD for its time.

Regional Pipeline Payment to Douglas County (#7610-10) - Mr. James explained that CWSD committed \$125,000/yr. for 20 years to both Douglas County and Carson City toward the debt service on the Douglas County/Carson City Regional Pipeline Intertie. CWSD paid for upsizing the system. Public entities may use the additional capacity without cost, but if a private entity wants to use it, CWSD would recuperate its investment.

Regional Pipeline Payment to Carson City (#7620-11) – This is the on-going debt service payment to Carson City for the Douglas County/Carson City pipeline intertie.

Lahontan Valley Water Level Measurement Program (#7640-09) – Project Proposal #1 – This is a three-year contract. They didn't spend as much last year so there is more in the budget for this year.

Dixie Valley Water Level Measurement Program (#7640-16) – Project Proposal #2 – An agreement is in place for this unusual project because Dixie Valley could be a source of water for Churchill

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County. This is year two of three-year contract. Groundwater recharge takes a long time in Churchill County so it won't be greatly affected by this wet year.

Director Gray joined the meeting at 9:20 a.m. The committee to a brief break at 9:25 a.m., and the meeting resumed at 9:35 a.m.

County and Carson River Projects:

River Wranglers - Carson River Work Days & Vegetation Management (#7332-00) - Project proposal #3 – This funding is used to match other grants. Linda Conlin explained that they work with the conservation districts, county departments, and private contributors to conduct the Carson River Work Days. The program pairs two-to-five fourth and fifth grade elementary school students with a high school FFA and science student to mentor them on the field trips. The grant request would allow for \$2,500 per county for Work Days, and the remaining money is spent on conservation district needs that don't easily get covered in typical conservation group grants. River Wranglers is requesting \$2,000 for overhead and travel and an additional \$6,000 to help pay for half of the living expenses of the AmeriCorps volunteer who River Wranglers shares half time with Alpine Watershed Group. The total request for \$32,000 is to do education and outreach, as well as work with the conservation districts on projects. In 2016, the program conducted work days which involved 1,091 student participants from 12 elementary and six high schools. All funds from CWSD are used as match for other funding. Ms. Conlin requested that the program be granted at least as much as last year: \$26,000

Alpine Watershed Group – Upper Carson River Watershed Programs (#7600-05) – Project proposal #3 – Sarah Green requested \$25,000 and explained that funding from CWSD is at the core of the Alpine Watershed Group (AWG) program and used as leverage for bigger grants. AWG's four primary programs are water monitoring, water quality, youth education, and community outreach, most focused in the Carson River watershed. Markleeville Creek Day is the largest work day and has received an outpouring of volunteer support. The East Fork Carson River restoration is an Off-Highway Vehicles (OHV) restoration project to keep OHV out of the stream corridor. To date, 1.2 miles of corridor and five miles of habitat has been restored. The Hope Valley Restoration Project is completing this year but another reach has been identified for work between two restored areas. AWG is working with broad spectrum of partnerships. CWSD's grant funding is critical to their program infrastructure/general program management. When asked their minimum amount to function, Sarah responded that they needed at least the same as this year: \$22,000.

"Living with Beaver" Project - Dan Kaffer – Project proposal #4A – Mr. Kaffer explained that tens of thousands of dollars are spent in beaver trapping. The population has skyrocketed. There are 100 beaver dams between Sorensen's and Red Lake. This project proposes to do stabilization of an area in Faith Valley eroded by beaver dam head cut. The total project cost is \$11,000, with \$6,600 in donated materials and labor and a request for \$4,000 from CWSD. Mr. Kaffer will come before the CWSD Board with a presentation on beaver management. River otters kill beaver so introducing river otters back into the system that may be a solution to controlling the beaver population.

Carson Valley Conservation District (CVCD) - Carson Valley Streambank Bioengineering and Erosion Control Project (#7337-15) - Project proposal #5 - Mike Hayes explained that CVCD is

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active in river restoration and repairs. His meeting with most of the ranchers and the East Fork Fire Protection District prior to atmospheric rivers coming through and removing 50,000 cubic yards of material near the hospital was very successful. CVCD is active with entities in the county to assess damage and grade control structure damage. He noted that residents of the Aspen Trailer Park must be evacuated during flooding.

Carson Valley Conservation District (CVCD) – Bank Stabilization Cradlebaugh Phase #1 (#7337-17) – Mr. Hayes explained that Rich Wilkinson would do hard rock repairs while Mr. Hayes does bioengineering/revegetation. Their request is modified to request that CWSD grant funds to CVCD and let the CVCD Board determine how to use the resources. Mr. Hayes spoke with Nevada Department of Transportation (NDOT) who is on board to be a partner upstream of Cradlebaugh Bridge. High water events has impacted NDOT structures. NDOT wants to do work like that done at Cradlebaugh to other six bridges in Carson Valley. He requested that funding be more flexible to use as CVCD Board determines to be higher priorities. They will work on getting NDWP and EQUIP grants. Spring runoff can create additional flooding. Conservation districts need state clearing and snagging funding as soon as possible.

Director Penzel asked about the source of flooding on Hwy. 395 between Minden and Carson City. Unless NDOT increases the capacity of water under the highway, it will flood there during high water events. Mr. Hayes noted that NDOT might add a culvert in the future. The Fire Chief is concerned about road closure for emergency services.

Dayton Valley Conservation District – Lyon County Rolling A Open Space below River Park (#7337-31) – Project proposal #7 – Rob Holley explained that Dayton Valley Conservation District (DVCD) requested carry over of \$65,747 from FY 2016-17 because of the continued delays in the permitting process to get work done last fall. He has received estimates of FEMA funding to help address the project on the Minor Ranch. He is hopeful to get grant from the U.S. Forest Service (USFS) through Lyon County Open Space. The area is covered in uncontrolled vegetation and perennial pepperweed at Rolling A. Lyon County now has water to those open space areas so that range seedings can be irrigated. This grant is a stop gap until the Fire Protection grant comes through for floodplain restoration with the additional benefit of reducing fire hazard to the nearby subdivision.

Dayton Valley Conservation District – Project MCR 020C (#7337-31) – Project proposal #8 – \$87,500. Mr. Holley explained that grants to Dayton Valley Conservation District (DVCD) is match for NDEP funding on bends of the river where no rip rap was installed. They have started the archeological part of the project using NDEP funding and want to stabilize the banks so water won't continue to encroach on four private properties.

Storey County Weed Abatement (#7337-32) - Project proposal #9 - Austin Osborne, via teleconference, explained that Storey County is requesting \$2,500 to continue the progress made on the weed treatment they've accomplished over the past several years. Weed abatement started in 2008-2009 in Six and Seven Mile Canyons and expanded to Gold Hill and Silver City. DVCD and Storey County shares resources. Storey County will contribute \$12,000, and DVCD and Storey County will make in-kind contributions. The focus is on hoary cress and other invasive weeds, supporting progress made from past years' spraying.

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Lahontan Conservation District – Lower Carson River Clearing and Snagging (#7337-04) - Project proposal #10 - Jackie Bogdanovicz asked for \$20,000 for Clearing and Snagging projects in the lower Carson River. From Diversion Dam to Sagouspi Lane, Lahontan Conservation District (LCD) removed most beaver dams last year so there are fewer beavers to relocate. They have had vegetation ingrowth which has been addressed by Nevada Division of Forestry (NDF) crews by scalping islands and removed large trees. The recent influx of water is expecting increase the beaver population. LCD would be grateful to receive \$15,000.

Lahontan Conservation District – Carson River Channel Below Diversion Dam to the Carson River Sink (#7337-___) – Project Proposal #11 – Ms. Bogdanovicz explained that funds are for sand bar removal and bank stabilization. The channel capacity has increased and will need bank stabilization after the water recedes.

Sierra Nevada Journeys (SNJ) Family Night (#7404-00) - Project proposal #12 – Sean Hill presented Sierra Nevada Journey’s (SNJ) funding request and explained that he oversees the educational programs to teach kids about outdoor sciences. Also, their mission is to get kids to think critically--how to think, not what to think. They conduct family science nights with stations for stormwater and groundwater models. Regarding funding and sustainability, they charge a small program fee to the schools, but this funding request is for background support for five family nights. The request is for \$3,800, but they could do four events for \$3,000.

A short break was taken at 10:40 a.m. The meeting resumed at 10:57 a.m.

USGS Projects

USGS Stream Gages (#7500-00) – Director Schank asked why more was budgeted this year than last year for stream gages. Mr. James responded that this is a multi-year contract, and the USGS didn’t bill us enough last year, so we make up for it this year. Steve Berris, Data Chief for the State of Nevada, and Kip Allander, Studies Chief for Northern Nevada, explained that the USGS provides a matching funds shortage allocation, but the Data Center’s matching funds have decreased by 15%, causing the customer’s portion to increase by 9%. The surface water monitoring program consists of nine gaging stations in the Carson Basin (under proposal #15). The agreements are for two years. The cost to CWSD will be \$76,500/yr. USGS has been running cost scenarios to decrease costs by dropping real time on the Daggett Creek gage (#4). This gage is not used for flood warning so real time readings are not as necessary. This saves \$1,030/yr., and the USGS could transfer those matching funds to the Dayton Bridge gage. Director Penzel asked why there are such large differences between the costs of the gages. Mr. Berris explained that some of the gages have other funding partners. The cost is \$18,000 annually per gage which includes O&M every six weeks or more often as warranted.

Lyon County Utilities Department – USGS Maintenance Costs for River Gage in Dayton (#7630-10) – Project proposal #14 – The request from Mike Workman is for \$10,750, but the request may be reduced to \$5,375. Steve Berris noted that USGS does not fund this gage.

USGS – Douglas County Groundwater Collection Data (#7508-00) – Project proposal #16 – Mr. Berris noted that the \$16,620 request measures 100 groundwater wells quarterly and 10 annually to

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determine many factors, such as nitrates and water level. If the USGS changes to semi-annual measurements, it would reduce the costs by \$2,180/yr. Matching funds from the USGS could be reapplied to another task.

USGS – Arsenic Study (New Project) – Project Proposal #17- Kip Allandar explained that this study is an extension of work done with CWSD last year looking at existing data and conditions which allows arsenic to be mobile. Arsenic concentrations increase with the depth of aquifer which may affect public supply wells. This proposal is to gather additional information to help characterize arsenic concentration for public supply wells, such as geochemical conditions, depth profile, and coordination with water purveyors to understand the mobility potential for arsenic. The total cost is \$43,000. The USGS is matching 30%, with an additional \$700 from the Nevada Bureau of Mines. They are asking CWSD for \$29,400 to collect additional data to make the findings from last year's project more conclusive.

New Projects

Planet Savvy – 2017 Carson Canyon Mill Site Discharge Mapping (New Project) – Project Proposal #18 – Requesting \$3,500, Lynn Zonge from Resource Concepts Inc. (RCI) explained that this project is to capitalize on the fresh cut banks and lack of vegetation from the flood waters. It is for soils to be sampled for mercury. While on a float down the river she noticed yellow mercury markings along banks which would be helpful to map and easier to do this year. Mr. James asked if EPA or NDEP could help fund the project. Ms. Zonge said they would like to come and take some random sampling but weren't offering funding. Shane Fryer would be the drone operator, and RCI has the boating equipment to take the group downstream.

NSHE DRI – Revised Review of Streamflow and Climate Records in the Carson System 1940-2017 (New Project) – Project Proposal #19 -- Dr. Alexandra Lutz explained that in 2009 DRI helped evaluate climate records. With the spring happening earlier the plants are blooming earlier. From 1940-2009, DRI looked at four gages which showed a forward shift of spring flow which is statistically significant from March to June. This could possibly be because the minimum average temperature is higher, a suggested loss of streamflow between the upper and lower gages, and relatively more streamflow at Fort Churchill because of a decrease of agriculture since 1940. There has been no change in overall precipitation, rainfall, or snow water equivalent. This is to update the charts to include 2017. The study would start in October. Technology has made it easier to access data trends. DRI would update all charts, maps, and plots and provide the information to CWSD to help inform decision making for the future. Dr. Lutz would like to publish this information in comparison with the Walker River Watershed to get a better idea of the climate in our area. Their initial request of \$18,178 was reduced by \$5,000. DRI will cover one-third and two-thirds coming from CWSD.

The committee took a break for lunch at 12:20 p.m. and resumed the meeting at 12:50 p.m.

Item #4 - Discussion regarding the tentative Acquisition/Construction and tentative Floodplain Management Funds FY 2016-17 budgets.

Mr. James explained that the Acquisition/Construction Fund is for regional projects. There is not a lot of activity in this fund; it is more identifying and holding funds for projects.

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In the Floodplain Management Fund, with all the flood damage that has occurred it is anticipated there will be requests for funding assistance.

Item #5 - Discussion for possible action regarding recommendations for the tentative General Fund, Acquisition/Construction Fund, and Floodplain Management Fund FY 2016-17 budgets.

The Finance Committee agreed to the following changes to the proposed budget:

- Outside Professional Services – 10,000
- Sierra Nevada Journeys' Family Nights - \$3,000
- USGS Stream Gauges - \$75,530
- USGS Groundwater Collection – Douglas County - \$14,440
- Carson River Work Days - \$26,000
- Combined CVCD Projects- \$80,000
- Combined DVCD Projects - \$75,000
- Storey County Weed Management - \$2,000
- Combined Lahontan Conservation District Projects - \$30,000
- Alpine Watershed Group - \$20,000
- Lyon County's Dayton Gage - \$5,375
- USGS Dayton Flood Gage - \$3,925
- Preliminary Planning reduced by \$20,000

Director Penzel made the motion that the Finance Committee recommend that the tentative budget General Fund be approved as adjusted above. Director Jardine seconded the motion which was unanimously approved by the Finance Committee.

Director Bonkowski made the motion that the Finance Committee recommend that the tentative budgets for the Acquisition/Construction and Flood Management Funds be approved as submitted. Director Gray seconded the motion which was unanimously approved by the Finance Committee.

No public comment. There being no further business to come before the Finance Committee, Director Bonkowski made a motion to adjourn which was seconded by Director Gray, and the meeting was adjourned at 12:40 p.m.

Respectfully submitted,

Toni Leffler
Secretary

**CARSON WATER SUBCONSERVANCY DISTRICT AND
CARSON RIVER/ALPINE COUNTY WATER SUBCONSERVANCY
JOINT POWERS AUTHORITY BOARD**

TO: FINANCE COMMITTEE

FROM: EDWIN D. JAMES

DATE: AUGUST 23, 2017

DISCUSSION: In May 2017, Steve Lewis with the UNR Cooperative Extension conducted a Strategic Planning Session with the Board to prioritize programs and projects that CWSD would want to pursue in the future. Attached are the meeting minutes from the May 17 meeting.

Based on the priorities established at the May Board meeting and the follow up discussion at the July Board meeting, the General Manager has created a draft five-year budget that reflects the priorities of the Board. Attached are two spreadsheets showing the various incomes and expenses for this current fiscal year and for the next five fiscal years. The first spreadsheet assumes CWSD will continue to receive various grants over the next five years. The second spreadsheet assumes the grant funding will go away over the next five years. The grant funding is only shown for the portion that is used to cover CWSD salary and benefits.

STAFF RECOMMENDATION: Provide feedback on whether the projects listed and the funding allowed meet the priorities set at the Strategic Planning Session.

CARSON WATER SUBCONSERVANCY DISTRICT General Fund With Grants

	Jul '17 - Jun '18	Jul '18 - Jun '19	Jul '19 - Jun '20	Jul '20 - Jun '21	Jul '21 - Jun '22	Jul '21 - Jun '23	Percent increase/yr
Income							
Alpine County	9,500.00	9,737.50	9,980.94	10,230.46	10,486.22	10,748.38	
Churchill County Ad Valorem	202,623.80	207,689.40	212,881.63	218,203.67	223,658.76	229,250.23	2.5
Lyon County Ad Valorem	159,278.00	163,259.95	167,341.45	171,524.98	175,813.11	180,208.44	2.5
Douglas County Ad Valorem	509,928.53	522,676.74	535,743.66	549,137.25	562,865.68	576,937.33	2.5
Carson City Ad Valorem	392,614.77	402,430.14	412,490.89	422,803.17	433,373.24	444,207.58	2.5
Mud Lake & Lost Lake Water Leases	52,500.00	53,550.00	54,621.00	55,713.42	56,827.69	57,964.24	2.5
Interest Income	4,020.00	6,020.00	6,035.05	6,050.14	6,065.26	6,080.43	2
Watershed Grants	60,000.00	78,660.00	83,773.00	87,961.65	92,359.73	96,977.72	0.25
Misc. Income / Watershed Tour	5,900.00	5,900.00	5,900.00	5,900.00	5,900.00	5,900.00	5
CASGEM	1,000.00	1,000.00	1,100.00	1,200.00	1,300.00	1,400.00	
Alpine Co Mesa GW Study	700.00	750.00	0.00	0.00	0.00	0.00	
FEMA - MAS Grants	45,000.00	40,000.00	45,200.00	49,500.00	53,000.00	59,000.00	
Watershed Literacy Grants	2,600.00	2,200.00	2,500.00	2,800.00	3,000.00	3,400.00	
Weed Grant	6,600.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	
Total Income	1,452,265.10	1,496,373.73	1,540,067.62	1,583,524.74	1,627,149.71	1,674,574.34	
Percent Increase From Following Year		3.0%	2.9%	2.8%	2.8%	2.9%	
Expense							
ADMINISTRATIVE EXPENSES:							
7015-00 - Salaries & Wages	375,000.00	385,200.00	395,800.00	413,000.00	431,000.00	450,000.00	4
7020-00 - Employee Benefits	149,000.00	153,000.00	157,000.00	164,000.00	171,000.00	178,000.00	5.6
General Administrative Expenses	136,100.00	133,160.00	135,662.00	138,259.00	140,954.00	143,851.00	
Subtotal-Administrative Expenses	660,100.00	671,360.00	688,462.00	715,259.00	742,954.00	771,851.00	
	Budget	Budget	Budget	Budget	Budget	Budget	
PROJECTS:							
Prof. Outside Services	10,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	5
Lost Lakes & Mud Lake Expenses	12,000.00	12,600.00	13,230.00	13,891.50	14,586.08	15,315.38	
Integrated Watershed Planning	0.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	
Watershed Tour	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	
Sierra NV Journeys - Family Night	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	
Noxious Weeds Control	77,000.00	77,000.00	77,000.00	77,000.00	77,000.00	77,000.00	5
USGS Stream Gage Contracts	84,830.00	84,830.00	89,071.50	93,525.08	98,201.33	103,111.40	5
USGS Water Quality & GW Collection Data	33,635.00	41,635.00	43,716.75	45,902.59	48,197.72	50,607.60	
Subtotal Projects	226,465.00	250,065.00	257,018.25	264,319.16	271,985.12	280,034.38	
Counties and River Projects							
Carson River Work Days	26,000.00	26,000.00	26,000.00	26,000.00	26,000.00	26,000.00	
Carson River Restoration	240,000.00	240,000.00	250,000.00	250,000.00	250,000.00	250,000.00	
Alpine Co. Watershed Group.	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	
Douglas Co Regional Pipeline	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	
Carson City Regional Pipeline	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	
Churchill County Water Quality & GW levels	54,300.00	45,000.00	20,000.00	20,000.00	20,000.00	20,000.00	
Subtotal Carson River Projects	590,300.00	581,000.00	566,000.00	566,000.00	566,000.00	566,000.00	
Total Expenditures	1,476,865.00	1,502,425.00	1,511,480.25	1,545,578.16	1,580,939.12	1,617,885.38	
Percent Increase From Following Year		1.7%	0.6%	2.3%	2.3%	2.3%	
Net Income	-24,599.90	-6,051.27	28,587.37	37,946.58	46,210.59	56,688.96	
Preliminary Planning - Reserves	\$410,000.00	\$410,000.00	\$410,000.00	\$410,000.00	\$410,000.00	\$410,000.00	
Beginning Equity	301,400.00	276,800.10	170,748.83	119,336.20	87,282.78	88,493.36	
Other Expense							
Transfer from Gen. Fd. to Floodplain Fd.	0.00	50,000.00	30,000.00	30,000.00	20,000.00	30,000.00	
Transfer from Gen. Fd. to Future Projects	0.00	50,000.00	50,000.00	40,000.00	25,000.00	25,000.00	
Transfer from Gen. Fd. to Acqu./Const. Fd.	0.00	0.00	0.00	0.00	0.00	0.00	
Total Other Expense	0.00	100,000.00	80,000.00	70,000.00	45,000.00	55,000.00	
Net Balance & Other Expense	301,400.00	176,800.10	90,748.83	49,336.20	42,282.78	33,493.36	
ENDING BALANCE	276,800.10	170,748.83	119,336.20	87,282.78	88,493.36	90,182.32	

CARSON WATER SUBCONSERVANCY DISTRICT General Fund Without Grants

	Jul '17 - Jun '18	Jul '18 - Jun '19	Jul '19 - Jun '20	Jul '20 - Jun '21	Jul '21 - Jun '22	Jul '21 - Jun '23	Percent increase/yr
Income:							
Alpine County	9,500.00	9,737.50	9,980.94	10,230.46	10,486.22	10,748.38	2.5
Churchill County Ad Valorem	202,623.80	207,689.40	212,881.63	218,203.67	223,658.76	229,250.23	2.5
Lyon County Ad Valorem	159,278.00	163,259.95	167,341.45	171,524.98	175,813.11	180,208.44	2.5
Douglas County Ad Valorem	509,928.53	522,676.74	535,743.66	549,137.25	562,865.68	576,937.33	2.5
Carson City Ad Valorem	392,614.77	402,430.14	412,490.89	422,803.17	433,373.24	444,207.58	2.5
Mud Lake & Lost Lake Water Leases	52,500.00	53,550.00	54,621.00	55,713.42	56,827.69	57,964.24	2
Interest Income	4,020.00	6,020.00	6,035.05	6,050.14	6,065.26	6,080.43	0.25
Watershed Grants	60,000.00	78,660.00	83,773.00	0.00	0.00	0.00	5
Misc. Income / Watershed Tour	5,900.00	5,900.00	5,900.00	5,900.00	5,900.00	5,900.00	
CASGEM	1,000.00	1,000.00	1,100.00	1,200.00	1,300.00	1,400.00	
Alpine Co Mesa GW Study	700.00	750.00	0.00	0.00	0.00	0.00	
FEMA - MAS Grants	45,000.00	40,000.00	5,200.00	0.00	0.00	0.00	
Watershed Literacy Grants	2,600.00	2,200.00	0.00	0.00	0.00	0.00	
Weed Grant	6,600.00	2,500.00	0.00	0.00	0.00	0.00	
Total Income	1,452,265.10	1,496,373.73	1,495,067.62	1,440,763.09	1,476,289.97	1,512,696.62	
Percent Increase From Following Year		3.0%	-0.1%	-3.6%	2.5%	2.5%	
ADMINISTRATIVE EXPENSES:							
7015-00 - Salaries & Wages	375,000.00	385,200.00	395,800.00	343,000.00	357,000.00	372,000.00	4
7020-00 - Employee Benefits	149,000.00	153,000.00	157,000.00	147,000.00	153,000.00	159,000.00	5.6
General Administrative Expenses	136,100.00	133,160.00	135,662.00	138,259.00	140,954.00	143,851.00	
Subtotal-Administrative Expenses	660,100.00	671,360.00	688,462.00	628,259.00	650,954.00	674,851.00	
PROJECTS:							
Prof. Outside Services	10,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	
Lost Lakes & Mud Lake Expenses	12,000.00	12,600.00	13,230.00	13,891.50	14,586.08	15,315.38	5
Integrated Watershed Planning	0.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	
Watershed Tour	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	6,000.00	
Sierra NV Journeys - Family Night	3,000.00	3,000.00	3,000.00	0.00	0.00	0.00	
Noxious Weeds Control	77,000.00	77,000.00	77,000.00	75,000.00	75,000.00	75,000.00	
USGS Stream Gage Contracts	84,830.00	84,830.00	89,071.50	87,599.00	91,978.95	96,577.90	5
USGS Water Quality & GW Collection Data	33,635.00	41,635.00	43,716.75	45,902.59	48,197.72	50,607.60	5
Subtotal Projects	226,465.00	250,065.00	257,018.25	253,393.09	260,762.74	268,500.88	
Counties and River Projects							
Carson River Work Days	26,000.00	26,000.00	26,000.00	20,000.00	20,000.00	20,000.00	
Carson River Restoration	240,000.00	240,000.00	250,000.00	200,000.00	210,000.00	210,000.00	
Alpine Co. Watershed Group.	20,000.00	20,000.00	20,000.00	10,000.00	10,000.00	10,000.00	
Douglas Co Regional Pipeline	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	
Regional Pipeline Payment to Carson City	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	
Churchill County Water Quality & GW levels	54,300.00	45,000.00	20,000.00	20,000.00	20,000.00	20,000.00	
Subtotal Carson River Projects	590,300.00	581,000.00	566,000.00	500,000.00	510,000.00	510,000.00	
Total Expenditures	1,476,865.00	1,502,425.00	1,511,480.25	1,381,652.09	1,421,716.74	1,453,351.88	
Percent Increase From Following Year		1.7%	0.6%	-8.6%	2.9%	2.2%	
Net Income	-24,599.90	-6,051.27	-16,412.63	59,111.01	54,573.23	59,344.74	
Preliminary Planning - Reserves	\$410,000.00	\$410,000.00	\$410,000.00	\$410,000.00	\$410,000.00	\$410,000.00	
Beginning Equity	301,400.00	276,800.10	170,748.83	79,336.20	78,447.20	78,020.44	
Other Expense							
Transfer from Gen. Fd. to Floodplain Fd.	0.00	50,000.00	30,000.00	30,000.00	25,000.00	25,000.00	
Transfer from Gen. Fd. to Future Projects	0.00	50,000.00	45,000.00	30,000.00	30,000.00	30,000.00	
Transfer from Gen. Fd. to Acqu./Const. Fd.	0.00	0.00	0.00	0.00	0.00	0.00	
Total Other Expense	0.00	100,000.00	75,000.00	60,000.00	55,000.00	55,000.00	
Net Balance w/ Other Expense	301,400.00	176,800.10	95,748.83	19,336.20	23,447.20	23,020.44	
ENDING BALANCE	276,800.10	170,748.83	79,336.20	78,447.20	78,020.44	82,365.17	

CARSON WATER SUBCONSERVANCY DISTRICT
BOARD OF DIRECTORS MEETING
May 17, 2017, 6:30 P.M.
DRAFT Minutes

Directors present:

Karen Abowd, Chairman
Brad Bonkowski
Carl Erquiaga, Vice Chairman
David Griffith
Don Jardine, Treasurer
Doug Johnson
Austin Osborne, Storey County representative
Barry Penzel
Ernie Schank
Fred Stodieck
Steve Thaler

Directors not present:

Don Frensdorff
Ken Gray
Chuck Roberts

Staff present:

George Benesch, Legal Counsel
Edwin James, General Manager
Toni Leffler, Administrative Assistant/Secretary to the Board
Debbie Neddenriep, Water Resource Specialist II

Also present:

Steve Lewis, UNCE

Chairman Abowd called the meeting to order at 6:50 p.m. in the Douglas County Commission Chambers, 1616 8th St., Minden, NV. The CWSD/Alpine County Joint Powers Board was convened. Roll call was taken and a quorum was determined to be present. The Pledge of Allegiance was led by Director Osborne.

Item #5 - Approval of Agenda. Director Abowd requested that Item #6 be pulled from the agenda for reconsideration at the June meeting. *Director Schank made the motion to approve the agenda as amended. The motion was seconded by Director Penzel and unanimously approved by the Board.*

Item #6 - Approval of the Board Meeting Minutes from April 19, 2017. This item was pulled from the agenda, to be reconsidered at the June Board meeting.

Item #7 - Public Comment – None.

CONSENT AGENDA

Item #8 - Approval of Treasurer's Report for March 2017. -

Item #9 - Payment of Bills for March 2017.

Item #10 – Discussion for possible action to surplus office equipment.

Item #11 – Discussion for possible action regarding CWSD partnering with the USGS to collect data on mercury and methylmercury in the Carson River Watershed.

Item #12 – Discussion for possible action regarding various bills that CWSD may want to support, oppose, or monitor during the 2017 Legislative Session.

Director Johnson made the motion to approve Items #8-9 and #11-12 of the consent agenda. The motion was seconded by Director Bonkowski and unanimously approved by the Board. In Item #10, the date of purchase of Item #00148 was corrected to 4/28/10. Director Schank then made the motion to approve Item #10 with correction. Director Jardine seconded the motion which was unanimously approved by the Board.

END OF CONSENT AGENDA

Item #13 – PUBLIC HEARING – The Carson Water Subconservancy District will hold a Public Hearing on its FY 2017-18 Tentative Budget. Chairman Abowd opened the public hearing of the CWSD on its FY 2017-18 Tentative Budget. There being no questions or comments, the hearing was closed.

Item #14 – Discussion for possible action regarding rejection, modification, or adoption of the FY 2017-18 Final Budget. Mr. James explained the changes between the tentative and final FY 2017-18 budgets. He went over page 53 of Board package and explained changes from Tentative Budget to Final Budget and a revised Final Budget was handed out. Also included were the requests by Dayton Valley Conservation District (DVCD), Carson Valley Conservation District (CVCD), and Carson City to carry over funds from FY 2016-17 to FY 2017-18.

Mr. James pointed out that the revisions were mostly to include an increase in interest on the Local Government Investment Pool (LGIP) and Mutual of Omaha CD in the Acquisition/Construction and Floodplain Management Fund budgets.

Director Thaler asked what ending fund balance goes toward. Mr. James explained that the Tax Department requires an ending balance of 4% of the budget to cover cash flow. The beginning balance for this fiscal year will be ending balance from FY 2016-17. "Equity" is the same thing as beginning balance.

Director Schank made the motion to adopt the FY 2017-18 Final Budgets. The motion was seconded by Director Erquiaga and unanimously approved by the Board.

Item #17 – Discussion for possible action regarding the Strategic Planning Session to discuss and prioritize CWSD’s future activities. Mr. James went over the outline of the proposed three-part Strategic Planning. Part One, Orientation/Review, was covered at last month’s meeting. Part Two, establishing short- and long-term goals, will be facilitated by Steve Lewis at this month’s Board meeting. Part Three, to review the five- and ten-year budgets developed by staff to achieve the list of priorities developed by the Board in Part Two, will be included in June’s meeting.

Mr. James showed the CWSD overview video which is in the process of being updated. Then Steve Lewis took over running the Strategic Planning Session. He went over an abbreviated version of the CRC Mission Statement:

“To promote cooperative action across agency and political boundaries in the Carson River Watershed, using integrated watershed management.”

The CRC Vision Statement is:

“A healthy sustainable Carson River Watershed, led by community and private/public partnerships, plans and projects, where all lands and waterways (surface and underground) safely receive, store, and release clean water for the good of all peoples, environments and natural resources of the Carson River Basin.”

CWSD is the lead agency for integrated watershed planning and management for the Carson River Watershed. Balancing environmental, agricultural and municipal water needs requires diligent planning and management. CWSD works with local, state, and federal entities to plan, fund, and implement projects and programs to address challenges in the manner that provides regional benefits. Challenges include:

- Protecting critical floodplain lands from development
- Meeting demands for future water supply
- Managing and promoting use of reclaimed water
- Enhancing water quality and riparian habitat throughout the watershed
- Tracking and controlling invasive species
- Raising awareness of watershed issues with general public.

Mr. Lewis pointed out that the lists on the wall in white represent programs/projects funded by grants and those on yellow paper are non-grant funded projects over the past five years. The categories and programs/projects, along with comments added during discussion, are as listed below:

- Future integrated planning:
 - Non-grant funded:
 - analyze potential storage sites – surface and groundwater – build relationships, regional infiltration
 - instream flow
 - pursue legislation regarding Carson River channel – weed problem, clearing and snagging, state ownership, fencing, SHPO, permits, federal legislation
 - monitor legislative action
 - cloud seeding

- modifying grade control structures so river sediment and recreation users can get through the structures
 - landscape scale approach including forest
 - Grant funded:
 - NDEP – Watershed Management Program
- Outreach and Education:
 - Non-grant funded:
 - Carson River Work Days
 - Alpine Watershed Group – watershed coordination
 - Sierra Nevada Journeys – Family Night at elementary schools STEM nights
 - Churchill County Ag Expo
 - Grant funded:
 - NDEP – Environmental Education Coordinator Program
 - NDEP – Carson River Conservation Tours
 - NDEP – provide funding assistance (cash or in-kind match) for CRC grant projects)
 - Watershed Literacy II Outreach
 - Watershed Literacy III
 - Watershed Education
 - Watershed Bus Tour
- Water Quality:
 - Non-grant funded:
 - Watershed coordinating activities
 - USGS Churchill County Groundwater and Water Quality Data Collection
 - USGS Groundwater Study – Eagle, Dayton, and Churchill
 - USGS water quality studies – Douglas County
 - Nitrate studies
 - Arsenic studies
 - USGS water quality studies – Lyon County
 - Nitrate study
 - Dayton Valley Septic Tank Project
 - Regional MS4 Stormwater Master Plan
 - Water quality enhancement projects
 - Grant funded:
 - NDEP Clean Water Act 208 – East Fork Algae Study
 - NDEP Clean Water Act 208 – Low Impact Development Project
 - NDEP – Clear Creek Non-Point Sources Program

 - NDEP – Carson City Non-Point Source Program
 - NDEP – Carson City Non-Point Source Pilot Program
- Rehabilitation and Stabilization:
 - Non-grant funded:

- CVCD bioengineering/erosion control projects
 - CVCD clearing and snagging project (Virginia/Rocky)
 - DVCD restoration projects
 - Eagle Creek streambank restoration
 - Buzzy Ranch streambank project
 - LCD clearing and snagging project
 - LCD sand bar removal project
 - Virginia/Rocky streambank design project
 - Grant funded:
 - NDEP – Virginia/Rocky streambank design project
 - CVCD bank stabilization
 - Carson City Golden Eagle Lane project
 - DVCD projects
 - LCD sandbar removal
 - Virginia/Rocky project
 - Forest management in the upper watershed
- Invasive Species:
 - Non-grant funded:
 - Noxious weed control: Alpine, Douglas, Carson City, Lyon, Churchill, and Storey Counties
 - Invasive Species Program
 - Grant funded:
 - State Parks – motorized noxious weed signs – Carson City and Churchill County
 - Federal – ARRA weed control project
 - Noxious weed control
 - BLM weed grant
 - NFWF weed grant
 - Invasive species programs
 - Dayton Valley Storey County weed abatement
 - LCD weed programs
- Recreation:
 - Non-grant funded:
 - Churchill County River Park Design
 - Carson City River Park
 - Carson River vehicle removal project
 - Carson River mosquito control
 - Grant funded:
 - Q1 – Habitat Conservation Program
- Water Supply
 - Non-grant funded: (We get 15% less today in ad valorem property taxes than what we got in 2009 and 2010.)
 - Douglas County Regional Pipeline - CWSD pays \$125,000/yr. to CC and Douglas County to pay for pipeline debt service.

- Carson City Regional Pipeline
 - Lyon County – Dayton stream gage
 - Lahontan Valley Water Level Program
 - Dixie Valley Water Level Measurement
 - Water rights dedication tracking database
 - Assisted Alpine County with state-mandated South Carson Valley groundwater elevation monitoring
 - Assisted Alpine County with Mesa groundwater elevation monitoring
 - Water conservation programs
 - Water and Sewer Rate Report
 - USGS stream gage contracts
 - USGS Douglas County groundwater data collection
 - Lahontan Valley Water Level Program
 - State Engineer Groundwater Inventory
- Grant-funded:
 - Alpine County – California mandated Carson Valley groundwater elevation monitoring
 - Alpine County – assisted Alpine County with Mesa groundwater elevation monitoring
 - USBR – Carson River Water Plan Study
 - Churchill County – groundwater study in Churchill County
- Floodplain Management:
 - Non-grant funded:
 - Churchill County Drainage Study
 - Douglas County Drainage Study
 - Pine Nut Soil Infiltration Study
 - Grant funded: (grants cover staff time to administer)
 - FEMA – restudy and remapping the Carson River upstream of Lahontan Reservoir
 - FEMA – restudy and remapping of the:
 - Alpine View Estates
 - Voltaire Canyon
 - Goni Canyon
 - Eagle Canyon
 - Ramsey Canyon
 - FEMA – Johnson Lane Area Drainage Master Plan
 - FEMA – Sheckler Shunt Study
 - FEMA – Smelter Creek Study
 - FEMA – update to the Regional Floodplain Management Plan
 - FEMA – review of counties’ floodplain ordinances and mitigation options
 - NDEP – LiDAR for Carson Valley
 - NDEP – Hydrology and Hydraulic Model Manual

Then Mr. Lewis posed the question: “Are we on the right path and where do we want to go?”

Mr. James explained that the Acquisition/Construction Fund was created to purchase water rights and fund construction. In the past, the majority of the funds going into the Acquisition Construction Fund came from the General Fund. In 2010, CWSD identified approximately \$1.5 million in future projects. Today, the Acquisition/Construction Fund has a little under \$700,000. In 2009, the Floodplain Management Fund was created to deal with flood planning and projects. After 2010, when there was a downturn in the economy, we began dealing with current demands for funding each year instead of being able to put money away for future projects. People have come to depend on us for most of their funding. If we want to dedicate money to future projects, we will have less money to fund year-to-year projects.

Director Schank noted that one of his concerns is the need to address the true ownership of the riverbed to the average high-water mark. It is also important to streamline the process to get permits to work on state lands. Director Johnson noted that we may need to address Federal legislation. Legislation needs to be one of our greatest priorities.

Director Penzel noted that there are eight broad categories of projects/programs to pursue but CWSD has a very limited staff. Director Johnson noted that the committees were designed for the Board to participate.

Director Griffith noted that it is helpful to show which are grant vs. non-grant projects. CWSD is one of few organizations that looks at a watershed-wide approach. He suggested also looking at forest health as part of the water quality and take measurements of project impacts.

Director Johnson asked about where we are with invasive species programs. Mr. James responded that we have a National Fish and Wildlife Foundation (NFWF) grant and a Bureau of Land Management (BLM) grant for weed treatment on BLM land. He reminded the Board that we have provided funding assistance to our weed partners since 1999. CWSD staff coordinates the efforts. Director Schank suggested teaching the State what we have learned about capitalizing on available funding. Mr. James noted that we are able to do things that the State can't do, like FEMA funded projects. We work with the counties and get consultants to do the studies.

Director Abowd stressed the importance of the State defining their river ownership. Director Penzel said that he doesn't feel we are organized to work on legislation, but a partnership group of counties can help impact legislation. Debbie Neddenriep noted that members of our Board used to be more active in the National Association of County Organizations (NACO), etc., to address more activities.

Director Johnson noted that we are still capped in our ad valorem tax income. Mr. James noted that interest income on our investments has also gone down due to the reduction in interest rates.

Director Schank suggested that we can get someone from the state's interim legislative committees to take river tours so they can relate first hand to what's going on.

A new prioritization sheet was handed out. The Board was asked to identify four of the seven categories of activities as their greatest priorities. Directors Penzel and Bonkowski identified floodplain management as a plan to control the river, then rehabilitation and stabilization, then

water supply and water quality. Director Schank suggested that floodplain management and rehabilitation/stabilization are on equal footing. Perhaps rehabilitation/stabilization is a subcategory under floodplain management.

Mr. James explained the Acquisition/Construction Fund budget on p. 79 of the Board package and the Floodplain Management Fund budget on p. 80. The Acquisition/Construction Fund money was used to buy Mud Lake and other water rights and for upsizing regional pipelines. He Floodplain Management Fund is for flooding repairs. Under future integrated planning, Director Johnson suggested that cloud seeding be crossed off the list.

Director Griffith asked how purchasing water rights enhances integrated planning. Mr. James explained that Lost Lakes and Mud Lake water rights enhance river flow and generates income by leasing the water to Carson City. If we had purchased Red Lake when we had the opportunity, we could have managed that water body better than how it is being managed now. Director Griffith asked why we need to keep river flow when there was no historic flow. Mr. James explained that historically there was an active fishery on the Carson River as far down as the Dayton area before changes in land use and the environment.

Director Penzel suggested that under the “other” priorities category, we could cut down on dust problems by using magnesium chloride.

Director Schank commented that we need to be careful when it comes to analyzing better storage sites because any change will end up in Court. Instead, build relationships for interbasin transfers, etc. Dams are cost prohibitive, and the Alpine Decree would be debated in Court. Director Bonkowski noted that we don’t necessarily have to build structure for water storage but can infiltrate water to bank it.

Ed went through the activities under each main category of work that CWSD does. Director Bonkowski noted that there are high priority items under each category.

The Board took a break at 8:10 p.m. The meeting was resumed at 8:15 pm.

Mr. Lewis went over the Board’s prioritization:

1. Tie between Floodplain Management and Rehabilitation/Stabilization
2. Tie between Water Supply/Demand and Water Quality
3. Tie between Invasive Species and Outreach/Education
4. Recreation

Future project reserves priorities:

1. Floodplain Management Fund
2. Future integrated planning
3. Acquisition/Construction Fund

Director Bonkowski suggested taking the priorities and making allocations for each category, then use a scoring system for rating the project funding requests which will be heard next year. Director Penzel agreed that this would be an ideal system since it gives CWSD the tool to

allocate the money. The justification for approving funding for request is following the priorities set by the policy makers.

Mr. James will develop proposed five-year and 10-year budgets which he will review with the Finance Committee and then present to the full Board. Director Schank noted that the availability of grants will run the priorities more than what the Board developed tonight. Some projects may be pursued depending on whether grant funding becomes available.

Mr. James thanked Mr. Lewis for his help with the strategic planning process.

No action was required on this item; receive and file.

Item #15 - Discussion for possible action regarding the proposed federal FY 2018 budget's potential impacts to the Carson River Watershed. Mr. James explained that proposed FY 2018 federal budget would cut 319 and other needed EPA funding. He asked for the Board's direction in how to address our concerns to our federal representatives. Mr. James suggested that we need to at least make our federal representatives aware of our concerns. Director Schank noted that it is his experience that more gets done when you get the federal representatives to come visit and see the on-the-ground projects. He suggested also inviting the Governor. With the current flooding situation, it is a good time for them to see the impacts in person. Director Bonkowski offered to set up meetings the representatives who grew up in Carson City, Congressman Amodei and Senator Heller. Director Johnson suggested writing a letter explaining our work which can be handed to them after a tour. Director Griffith noted that lobbying is our best approach; join with other organizations, like NACO, Rural County Representatives of California (RCRC), and League of Cities to lobby for us. The majority of the population is urban, so it is hard to get rural projects funded. It is good to have those on this Board with personal connections to contact our federal representatives.

No action was required on this item; receive and file.

Item #16 – Discussion for possible action regarding an update on the grade control/diversion structures in the Carson River damaged by the January and February floods. Mr. James explained that he, George Benesch, and Director Roberts had a meeting with representatives from the Nevada Departments of Emergency Management and State Lands. The State doesn't claim ownership of structures in the river, so even if CWSD wanted to take the lead regarding repairs to the diversion/grade control structures, State Lands cannot give CWSD the legal responsible authority for those structures. CWSD will meet with other agencies to see if they can help with repair costs. Mr. James suggested meeting with the Regional Water System and Flood Committee to see what assistance CWSSD can provide regarding the diversion/grade control structures.

Director Thaler noted that the State doesn't clear and snag the river that they claim ownership of, so how can they expect someone else to take responsibility for their inaction? Mr. James noted that when the State took ownership of Lake Tahoe, they took ownership of the piers, and users must have a permit. But in the case of riverbed ownership, the State did not claim the structures.

Director Schank suggested finding someone in the Attorney General's office to talk with, help them understand the situation, and ask them to help us. Perhaps Mr. James and Director Abowd could talk with the Attorney General. Mr. Benesch noted that the protocol to meet with the Attorney General must be through a State agency. The Attorney General's office first talks with their client, the Director of State Lands. Perhaps Senator Settelmeyer could talk with the Governor to get the conversation rolling.

Item #18 –Staff Reports

General Manager - Mr. James reported:

- Get on the Bus Tour will be on June 6-7. Directors are encouraged to participate, paid for by the District.
- TCID has released enough water out of Lahontan Reservoir that the threat of flooding in Churchill County is reduced.
- Shane Fryer has been flying his drone over the river and watershed taking wonderful video footage.
- Orangetree Studios is creating the "Floodplains as Community Assets" videos which may be completed by the bus tour.

Legal –Mr. Benesch did not have anything specific to report.

Correspondence – As handed out at the meeting.

Item #19 - Directors' Reports

Director Schank reported that 371,000 af of water was let out of Lahontan Reservoir as of today and about 90% of that is going to the sink. Lahontan has a 313,000 af capacity.

Director Johnson thanked Mr. Hussman for his part in the Board's tour before this meeting.

Director Thaler reported that Douglas County used trap bags behind Alpine Trailer Park to protect the park from flooding.

There were no other Directors' reports.

Item #20 - Public Comment. None.

There being no further business to come before the Board, Director Schank made the motion to adjourn. The meeting was adjourned at 8:52 p.m.

Respectfully submitted,

Toni Leffler
Secretary