

**CARSON WATER SUBCONSERVANCY DISTRICT
BOARD OF DIRECTORS
AND CARSON RIVER WATERSHED COMMITTEE**

NOTICE OF PUBLIC MEETING

DATE: August 21, 2019
TIME: 6:30 pm
LOCATION: NAI Alliance Conference Room
1000 N. Division St., Ste. 202
Carson City, NV 89701

**REVISED
AGENDA**

The meeting will be preceded by a tour of the Quill Water Treatment Plant in Carson City. **The Board will meet at 3:30 pm at 2944 Kings Canyon Road, Carson City, 89701.** We will have dinner at 5 pm at San Marcos Grill, 260 E. Winnie Lane, Carson City, 89706 and our meeting will be at 6:30 pm in the NAI Alliance Conference Room, 1000 N. Division St., Ste. 202, Carson City, 89701. A quorum of the CWSD Directors may be present at the events preceding the board meeting but no action will be taken.

AGENDA

***Please Note:** The Carson Water Subconservancy District (CWSD) Board may: 1) take agenda items out of order; 2) combine two or more items for consideration; and/or 3) remove an item from the agenda or delay discussion related to an item at any time. All votes will be conducted by CWSD Board of Directors. Reasonable efforts will be made to assist and accommodate individuals with disabilities who wish to attend the meeting. Please contact Catrina Schambra at (775)887-7450 (catrina@cwsd.org), at least two business days in advance so that arrangements can be made.*

1. Call to Order the CWSD Board of Directors/Carson River Watershed Committee.
2. Roll Call
3. Pledge of Allegiance
4. For 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.
5. For Possible Action: Approval of Agenda.
6. For Possible Action: Approval of the Board Meeting Minutes of July 17, 2019

CONSENT AGENDA

***Please Note:** All matters listed under the consent agenda are considered routine and may be acted upon by the Board of Directors with one action and without an extensive hearing. Any member of the board or any citizen may request that an item be taken from the consent agenda, discussed and acted upon separately during this meeting.*

7. For Possible Action: Approval of Treasurer's Report for July 2019 & Review of FY 18-19
8. For Possible Action: Approval of Payment of Bills for July 2019
9. For Possible Action: Approval of an amendment to the NEON contract in an amount not to exceed \$8,000.

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

10. For Discussion Only: A presentation by JE Fuller on the Dayton Valley Area Drainage Master Plan

11. For Discussion Only: Presentation by the USGS on the Arsenic and Nitrate Data Collection in Carson Valley
12. For Possible Action: Request from DVCD and CVCD to extend the Flood Assistance grant through June 30, 2019
13. For Discussion Only: An update on the Watershed Literacy Program
14. For Possible Action: Approve agreement with HDR Engineering to update the Carson Valley Flood Model in an amount not to exceed \$21,500
15. For Discussion Only: Staff Reports - General Manager
- Legal
- Correspondence
16. For Discussion Only: Directors Reports
17. For Discussion Only: Update on activities in Alpine County
18. For Discussion Only: Update on activities in Storey County
19. For 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.
20. For Possible Action: Adjournment

Supporting material for this meeting may be requested from Catrina Schambra at 775-887-7450 (catrina@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 |
| -Alpine County Administrative Building 99 Water St. Markleeville, CA | -CWSD website: http://www.cwsd.org -State public meetings website: http://notice.nv.gov |

AFFIDAVIT OF POSTING

The undersigned affirms that on or before 9:00 A.M. on August 14, 2019, he/she posted a copy of the *Notice of Public Meeting and Agenda* for the August 21, 2019, regular meeting of the Carson Water Subconservancy District and the Carson River Watershed Committee, in accordance with NRS 241.020; said agenda was posted at the following location:

.

SIGNATURE

Name: _____ **Title:** _____ **Date & Time of Posting:** _____

AGENDA ITEM #6

**MINUTES OF LAST
BOARD MEETING**

CARSON WATER SUBCONSERVANCY DISTRICT
BOARD OF DIRECTORS AND
CARSON RIVER WATERSHED COMMITTEE MEETING
July 17, 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 conference room at Turtle Rock Park Community Center, 17300 State Route 89, Markleeville, CA. Roll call of the CWSD Board was taken and a quorum was determined to be present.

CWSD Directors present:

Brad Bonkowski, Treasurer
Carl Erquiaga, Chairman
Stacey Giomi, Director
Ken Gray, Director
Jack Jacobs, Director
Barry Penzel, Director
Ernie Schank, Director
Fred Stodieck, Director
Larry Walsh, Director
Mike Workman, Director

Absent CWSD Directors: Steve Thaler

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

Others present:

Kathy Canfield, Storey County
Shane Fryer, Watershed Program Manager
Hannah Gray, Public
Edwin James, General Manager
Mo Loden, Alpine Watershed Group
Rob Loveberg, Consultant
Kimra McAfee, Alpine Watershed Group
Debbie Neddenriep, Water Resource Specialist II
Catrina Schambra, Administrative Assistant/Secretary to the Board
Nate Schank, Public
Debbi Waldear, Friends of Hope Valley
JE Warren-Wickwire, Friends of Hope Valley

The Pledge of Allegiance was led by Chairman Erquiaga.

Item #4 – Discussion Only: Public Comment – Mr. James announced that Austin Osborne, who was recently named the new Storey County Manager, will be resigning from our Board and Kathy Canfield, Storey County Senior Planner will be his replacement. He welcomed her as a guest tonight.

No action was taken.

Item #5 – For Possible Action: Approval of Agenda.

Director Schank made the motion to approve the agenda. The motion was seconded by Director Gray and unanimously approved by the Board.

Item #6 – For Possible Action: Approval of the Board Meeting Minutes of June 19, 2019.

Director Giomi made the motion to approve the Board Meeting Minutes of June 19, 2019 as presented. The motion was seconded by Director Stodieck and was approved by the Board 9-0-1, with Director Penzel abstaining due to absence.

CONSENT AGENDA

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

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

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

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

Item #9 – For Discussion only: Presentation by Rob Loveberg on draft Regional Floodplain Ordinance Language.

Rob Loveberg gave a presentation on the Regional Floodplain Ordinance Language he has been working on for Carson City, Alpine County, Lyon County and Douglas County. He explained the purpose and progress of his work. He explained the importance of consistency in common Floodplain language among the counties. Managing restrictions to development and improving CRS scores for better insurance rates are some of the goals. He also announced there is a new requirement for Floodplain Disclosure in real estate transactions.

Director Jacobs said it is complicated understanding the Ordinance language. How will it affect the actual homeowners? Mr. Loveberg explained there are new requirements, such as compensatory storage if water displaced. Director Jacobs asked how would it be managed or be enforced? Mr. Loveberg explained the disclosure requirement; however, jurisdictions would need to enforce these new rules.

Director Penzel asks why the ordinance is even required? Mr. Loveberg responded that because these counties participate in a national flood insurance program this is a requirement. Minimum requirements are set so communities can participate in the National Flood Insurance Program. A discussion of insurance coverage followed. Director Penzel says not building in the Floodplain has been working for Douglas County. He wonders how the ranchers can be in compliance, regarding the compensatory storage requirement. He says it should be a policy – not an ordinance or law in his opinion.

Director Gray says NRS covers these requirements in regard to disclosure of flood zone and environmental hazards.

Director Giomi asks are they specific to flood zones or specific to the river corridor? Mr. Loveberg says it varies by the ordinance and they are county specific.

Mr. James says consistency is basis for Carson River floodplain. He discussed the floodways in the watershed (Lyon County & Carson City) and restriction of building in the floodway. Every ordinance is specific to each county.

Committee Member Griffith asked what are the changes to the CRS rating by being part of the program? Mr. Loveberg responds that Alpine County is not in the program at this time. It will be a discount to insurance rates. Currently Carson City is at a 5 (25% discount) and Douglas County is at 6 (20% discount). He thinks Alpine County could get close to them in their rate discount.

Committee Member Griffith asks what type of delay is this causing in home building? Mr. Loveberg replies, two weeks, which is not bad at all. And only a couple of weeks delay in the permitting program.

Mr. James states this model actually streamlines the process in some cases and will expedite process for less cost. Mr. Loveberg says it is not expensive to use preexisting model.

Director Jacobs asks what is the urgency for this? Mr. Loveberg explains it is up to each entity. CWSD contract with him is over at the end of August 2019.

No action was taken.

Item #10 – For Discussion only: Presentation by Friends of Hope Valley.

Debbi Waldear described Hope Valley as the Headwaters of the West Fork and explained the origins Friends of Hope Valley (FOHV), stressing that it is public land and FOHV are the stewards of the land. They petitioned Congress to get the appropriation dollars to make the land public. They work with the Forest Service and the Department of Fish and Game. She reported that Judy Warren-Wickwire, who was in attendance, personally has planted thousands of willows every year over the 35+ years of their stewardship and that's why their section of the river looks so beautiful. She praised the ranchers for also taking care of the meadows. FOHV recently worked specifically on handicapped all-access to piers for fishing. They do their best to stay on top of agencies to make sure the public lands are protected.

Committee Member David Griffith said Friends of Hope Valley have made a substantial contribution to their community and expressed kudos for their work.

No action was taken.

Item #11 – For Discussion only: Presentation by Alpine Watershed Group.

Kimra McAfee gave a presentation on Alpine Watershed Group (AWG) and their river projects. Ms. McAfee explained how AWG is a different sort of watershed organization which is defined by county boundaries. Alpine County holds the headwaters of five watersheds—the Carson River on the east slope, the Upper Truckee, and on the west slope the South Fork American, the Mokelumne, and the Stanislaus. The Carson River Watershed (CRW) encompasses about 2/3 of Alpine County, so the majority of their work is in the CRW. Ms. McAfee also talked about their current workforce, which consists of two full-time employees and two AmeriCorps workers; but they have just received a two-year BOR grant that will allow for a third full-time employee. AWG is excited for the opportunity presented by this grant and the continuity it brings to the program by having another full-time permanent employee committed to their goals over the next two years. Unfortunately, AWG will not be having an AmeriCorps partnership during this grant period.

No action was taken.

Item #12 – For Discussion only: Presentation by Shane Fryer on the Watershed Literacy Program.

Shane Fryer, CWSD Watershed Program Manager, gave a verbal report due to technical difficulties in presenting his Power Point presentation. He asked to be put on the agenda for the August meeting so the Board may view it at that time.

Mr. Fryer explained that the original intent had been a “Drinking Water” campaign, but the EPA wanted more of a Watershed connection or theme, so CWSD changed the direction of the project. The new theme and related registered domain name is “www.iamcarsonriver.org” and the target demographic age is 30s Female. Our local News Anchor, Vanessa Vancour is slated to be the spokesperson. Mr. Fryer is eager for the Board to see the 90-second video as he is happy with the results.

Director Bonkowski commented that he thinks the length is good: 90 seconds, with 7-second scenes. There was discussion about being interesting and holding the attention of the audience.

Director Giomi asks that it be conveyed that the urban environment is in the watershed, even if you’re 7 miles from the river. It’s important to know you’re living in the watershed.

Mr. Fryer mentioned will be using watershed moments in history with the 2020-2021 grant as a theme to introduce the Watershed. He assured the Board they would see and approve the final video before it was released.

Director Jacobs asked if any agricultural information would be included in the video. The response was no, just the urban connection for this video.

Debbie Neddenriep explained the background of the project for the new Board Members. A previous CWSD survey had revealed that residents in the community didn’t know they lived in a watershed. The signs along the US 50 were another resulting project. This video is another tool to educate the public.

Mr. Fryer added the example of residents dumping motor oil down storm drains. Many residents didn’t know this is a problem.

No action was taken.

Item #13 – For Discussion Only: Staff Reports – Mr. James reported the following:

- Mr. James and Ms. Neddenriep met with the U.S. Forest Service regarding the public use of the hot springs and its impact on the river. They plan to address the situation with wall-to-wall people at the hot springs and the resulting human waste issues.
- Mr. James announced the August field trip will be a tour of the Quill Water Treatment Plant in Carson City.
- CWSD Attorney, Patrick King, was absent due to the passing of his beloved Great Dane.
- Mr. James and Ms. Schambra will be meeting with Mr. King this Friday to begin working on standardizing our contract language for the future.

Director Schank asked Mr. James about the Cradlebaugh Bridge project and the erosion since last season. Mr. James says it is losing land. Director Penzel asks for an update on the erosion at the next meeting.

Legal – None

Correspondence – None

No action was taken.

Item #14– For Discussion Only: Directors Reports

Director Schank thanks Mr. Fryer, the evening's Grill Master and all those involved for the great BBQ dinner.

No action was taken.

Item #15 – For Discussion Only: Update on activities in Alpine County –

Committee Member Jardine reported the following:

- He attended meeting in Bishop of "LAMP" (Local Area Management Program) that was discussing septic tanks that were leaking to the river.
- A new program of CA Fish & Wildlife is putting Rotenone in Wolf Creek. CWSD has opposed this chemical use in the past and now.
- Sierra Summit is at Kings Beach, September 12-13. He says this is an important meeting and everyone is welcome!
- Leviathan Mine Tour is September 6 or September 20. He will update when date is set.

Committee Member Griffith reported the Excess Biomass in Forest Study has started and is to be finished in January or February 2020. The funding is \$100,000.

No action was taken.

Item #16 – For Discussion Only: Update on activities in Storey County. –

Ms. Canfield reported the following:

- The EPA is trying out new equipment along 6 Mile Canyon Road looking for mercury levels.
- Storey County has also started working with Rob Loveberg on Floodplain Ordinance Language.

Item #17 – For Discussion Only: Public Comment –

Ms. Warren-Wickwire, Friends of Hope Valley, thanked all for coming to Alpine County.

There being no further business to come before the Board, Chairman Erquiaga adjourned the meeting at 8:04 p.m.

Respectfully submitted,

Catrina Schambra
Secretary to the Board

AGENDA ITEM #7

TREASURER'S REPORT

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: AUGUST 21, 2019

SUBJECT: Agenda Item #7 – For Possible Action: Approval of Treasurer's Report for July 2019 and Review of Fiscal Year 2018-19

DISCUSSION: Attached is the Treasurer's Reports for July 2019 and the unaudited fiscal year 2018-19 for review. There are a few transactions we are still awaiting to completely close out FY 2018-19. Those transactions are:

- End of the fiscal year salary and benefits corrections. (Only 4 days overlap)
- Income for Account # 5099-00 NDEP WS Literacy (\$8413.70/pending deposit)
- Income for Account # 5096-00 NFWF – Weed Mgt (Approx. \$3803)

FYI – the reason the Net Income shows a negative \$53,745.25 is the number does not include the Beginning Equity of \$593,258.29. This has to do with how Quick Books shows expenses for the fiscal year.

STAFF RECOMMENDATION: Approve the Treasurer's Report for July 2019.

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/12/19

Balance Sheet

Accrual Basis

As of July 31, 2019

| | Jul 31, 19 |
|---|-------------------|
| ASSETS | |
| Current Assets | |
| Checking/Savings | |
| 1010-00 · Cash in Checking - B of A | 43,810.43 |
| 1011-00 · Petty Cash | 100.00 |
| 1013-00 · Cash in Checking - U. S. Bank | 6,432.72 |
| 1014-00 · Local Gov't Inv. Pool-Regular | 659,080.29 |
| 1029-00 · Bank of America-Savings | 149.09 |
| Total Checking/Savings | 709,572.53 |
| Other Current Assets | |
| 1055-00 · Payroll Deposit - Carson City | 500.00 |
| Total Other Current Assets | 500.00 |
| Total Current Assets | 710,072.53 |
| TOTAL ASSETS | 710,072.53 |
| LIABILITIES & EQUITY | |
| Liabilities | |
| Current Liabilities | |
| Accounts Payable | |
| 2000 · *Accounts Payable | -7,004.20 |
| Total Accounts Payable | -7,004.20 |
| Other Current Liabilities | |
| 3360-00 · Accrued Vacation | 33,836.79 |
| 3362-00 · Accrued sick leave | 48,198.10 |
| Total Other Current Liabilities | 82,034.89 |
| Total Current Liabilities | 75,030.69 |
| Total Liabilities | 75,030.69 |
| Equity | |
| 4000-00 · Fund Balance | 580,297.18 |
| Net Income | 54,744.66 |
| Total Equity | 635,041.84 |
| TOTAL LIABILITIES & EQUITY | 710,072.53 |

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/12/19

Profit & Loss Budget vs. Actual

Accrual Basis

July 2019 through June 2020

| | Jul '19 - Jun 20 | Budget | \$ Over Budget | % of Budget |
|---|------------------|--------------|----------------|-------------|
| Ordinary Income/Expense | | | | |
| Income | | | | |
| 5008-00 · Alpine Co. Joint Powers contrib | | 10,400.00 | -10,400.00 | |
| 5009-00 · Churchill County Ad Valorem | | 213,817.00 | -213,817.00 | |
| 5010-00 · Lyon County Ad Valorem | | 176,286.00 | -176,286.00 | |
| 5011-00 · Douglas County Ad Valorem | | 588,466.00 | -588,466.00 | |
| 5012-00 · Carson City Ad Valorem | | 434,373.00 | -434,373.00 | |
| 5022-00 · Water Lease - Mud Lake | | 51,000.00 | -51,000.00 | |
| 5031-00 · Interest Income-LGIP Reg. | 1,533.42 | 14,984.70 | -13,451.28 | 10.2% |
| 5045-00 · Interest Income-B of A Savings | 0.01 | | 0.01 | 100.0% |
| 5050-00 · Watershed Coordinator Grant | | 50,000.00 | -50,000.00 | |
| 5050-13 · NDEP-WS Coord IV 2019-2022 | | 48,037.00 | -48,037.00 | |
| 5050-00 · Watershed Coordinator Grant - Other | | | | |
| Total 5050-00 · Watershed Coordinator Grant | | 98,037.00 | -98,037.00 | |
| 5058-00 · 208 Water Quality Plan | | 24,478.00 | -24,478.00 | |
| 5060-00 · Misc. Income | | 6,000.00 | -6,000.00 | |
| 5060-02 · Watershed Tour | | | | |
| Total 5060-00 · Misc. Income | | 6,000.00 | -6,000.00 | |
| 5082-00 · Alpine Co.-CASGEM Grant | | 1,000.00 | -1,000.00 | |
| 5096-00 · NFWF-Weed Mgmt. | -619.28 | 19,963.00 | -20,582.28 | -3.1% |
| 5098-00 · FEMA-MAS #7 | -6.00 | | -6.00 | 100.0% |
| 5099-00 · NDEP-WS Lit.Implement.-Phase 3 | | 23,310.00 | -23,310.00 | |
| 6000-00 · FEMA-MAS #8 | | 34,101.00 | -34,101.00 | |
| 6003-00 · FEMA-MAS #9 | | 393,170.00 | -393,170.00 | |
| 6004-00 · BOR WaterSMART Grant | | 50,000.00 | -50,000.00 | |
| Total Income | 908.15 | 2,139,385.70 | -2,138,477.55 | 0.0% |
| Expense | | | | |
| 7015-00 · Salaries & Wages | 44,693.86 | 396,400.00 | -351,706.14 | 11.3% |
| 7020-00 · Employee Benefits | 17,771.92 | 159,000.00 | -141,228.08 | 11.2% |
| 7021-00 · Workers Comp Ins. | 556.15 | 1,400.00 | -843.85 | 39.7% |
| 7101-00 · Director's Fees | | | | |
| 7101-01 · Director Benefits | 13.92 | | 13.92 | 100.0% |
| 7101-02 · Director's Fees-Alpine Co. | 160.00 | | 160.00 | 100.0% |
| 7101-00 · Director's Fees - Other | 880.00 | 16,000.00 | -15,120.00 | 5.5% |
| Total 7101-00 · Director's Fees | 1,053.92 | 16,000.00 | -14,946.08 | 6.6% |
| 7102-00 · Insurance | 4,985.12 | 5,100.00 | -114.88 | 97.7% |
| 7103-00 · Office Supplies | 17.74 | 3,000.00 | -2,982.26 | 0.6% |
| 7104-00 · Postage | | 850.00 | -850.00 | |
| 7105-00 · Rent | 6,108.00 | 36,648.00 | -30,540.00 | 16.7% |
| 7106-00 · Telephone/Internet | 299.94 | 4,000.00 | -3,700.06 | 7.5% |
| 7107-00 · Travel-transport/meals/lodging | | | | |
| 7107-01 · Car Allowance | 849.63 | | 849.63 | 100.0% |
| 7107-00 · Travel-transport/meals/lodging - Other | 681.40 | 20,400.00 | -19,718.60 | 3.3% |
| Total 7107-00 · Travel-transport/meals/lodging | 1,531.03 | 20,400.00 | -18,868.97 | 7.5% |
| 7108-00 · Dues & Publications | | 1,100.00 | -1,100.00 | |
| 7109-00 · Miscellaneous Expense | 423.50 | 1,000.00 | -576.50 | 42.4% |
| 7110-00 · Seminars & Education | | 3,000.00 | -3,000.00 | |
| 7111-00 · Office Equipment | | 3,000.00 | -3,000.00 | |
| 7112-00 · Bank Charges | | 50.00 | -50.00 | |
| 7114-00 · Outside Professional Services | 10,099.19 | 20,000.00 | -9,900.81 | 50.5% |
| 7115-00 · Accounting | | 16,000.00 | -16,000.00 | |
| 7116-00 · Legal | 2,000.00 | 36,000.00 | -34,000.00 | 5.6% |
| 7117-00 · Lost Lakes Expenses | | 12,700.00 | -12,700.00 | |
| 7118-00 · Mud Lake O & M | | 1,000.00 | -1,000.00 | |
| 7120-00 · Integrated Watershed Programs | | | | |

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/12/19

Profit & Loss Budget vs. Actual

Accrual Basis

July 2019 through June 2020

| | Jul '19 - Jun 20 | Budget | \$ Over Budget | % of Budget |
|--|------------------|--------------|----------------|-------------|
| 7524-00 · USGS-GW Lvl & WQ in Ch.Co. | | | | |
| 7524-02 · USGS-GW Lvl & WQ-ChCo 2018-22 | | 5,800.00 | -5,800.00 | |
| Total 7524-00 · USGS-GW Lvl & WQ in Ch.Co. | | 5,800.00 | -5,800.00 | |
| 7526-00 · USGS-Eagle/Dayt/Ch.Vly. 2016-20 | | 3,225.00 | -3,225.00 | |
| 7600-00 · Alpine County Projects | | | | |
| 7600-09 · Al.Co.-CASGEM | | 10.00 | -10.00 | |
| 7600-11 · AWG CR Upper WS Prog 2019-20 | | 25,000.00 | -25,000.00 | |
| Total 7600-00 · Alpine County Projects | | 25,010.00 | -25,010.00 | |
| 7610-00 · Douglas County Projects | | | | |
| 7610-10 · Do.Co.Reg.Pipeline Debt Service | | 125,000.00 | -125,000.00 | |
| Total 7610-00 · Douglas County Projects | | 125,000.00 | -125,000.00 | |
| 7620-00 · Carson City Projects | | | | |
| 7620-11 · CC Reg.Pipeline Debt Service | | 125,000.00 | -125,000.00 | |
| 7620-16 · CC Reuse Master Plan 2019-20 | | 50,000.00 | -50,000.00 | |
| 7620-17 · Mexican Dam Portage 2019-20 | | 25,000.00 | -25,000.00 | |
| Total 7620-00 · Carson City Projects | | 200,000.00 | -200,000.00 | |
| 7640-00 · Churchill County Projects | | | | |
| 7640-09 · Lahontan Vly.Wtr.Lvl. 2018-21 | | 18,000.00 | -18,000.00 | |
| 7640-17 · TCID Carson Diversion Dam 19-20 | | 50,000.00 | -50,000.00 | |
| 7640-18 · Dixie Vlt Wtr Lvl Meas 2019-22 | | 28,000.00 | -28,000.00 | |
| Total 7640-00 · Churchill County Projects | | 96,000.00 | -96,000.00 | |
| Total Expense | 121,429.97 | 2,240,330.00 | -2,118,900.03 | 5.4% |
| Net Ordinary Income | -120,521.82 | -100,944.30 | -19,577.52 | 119.4% |
| Other Income/Expense | | | | |
| Other Income | | | | |
| 8005-00 · Beginning Equity | | 599,388.00 | -599,388.00 | |
| Total Other Income | | 599,388.00 | -599,388.00 | |
| Other Expense | | | | |
| 8008-00 · Preliminary Planning | | 392,000.00 | -392,000.00 | |
| Total Other Expense | | 392,000.00 | -392,000.00 | |
| Net Other Income | | 207,388.00 | -207,388.00 | |
| Net Income | -120,521.82 | 106,443.70 | -226,965.52 | -113.2% |

CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION

08/12/19

Balance Sheet

As of July 31, 2019

| | Jul 31, 19 |
|--|-------------------|
| ASSETS | |
| Current Assets | |
| Checking/Savings | |
| 1013-01 · Local Gov't Inv.Pool-Reserve | 767,849.64 |
| Total Checking/Savings | 767,849.64 |
| Total Current Assets | 767,849.64 |
| TOTAL ASSETS | 767,849.64 |
| LIABILITIES & EQUITY | |
| Equity | |
| 4000-01 · Fund Balance - Capital Project | 766,270.77 |
| Net Income | 1,578.87 |
| Total Equity | 767,849.64 |
| TOTAL LIABILITIES & EQUITY | 767,849.64 |

Profit & Loss Budget vs. Actual

July 2019

| | Jul 19 | Budget | \$ Over Budget | % of Budget |
|---|----------|-------------|----------------|-------------|
| Ordinary Income/Expense | | | | |
| Income | | | | |
| 5032-01 · Interest Income - LGIP Res. | 1,578.87 | 19,106.33 | -17,527.46 | 8.3% |
| Total Income | 1,578.87 | 19,106.33 | -17,527.46 | 8.3% |
| Expense | | | | |
| 7341-01 · Upsize LyCo/Stagecoach Pipeline | | 250,000.00 | -250,000.00 | |
| 7342-01 · Upstream Storage Evaluation | | 22,000.00 | -22,000.00 | |
| 7343-01 · Construction Projects | | 475,000.00 | -475,000.00 | |
| Total Expense | | 747,000.00 | -747,000.00 | |
| Net Ordinary Income | 1,578.87 | -727,893.67 | 729,472.54 | -0.2% |
| Net Income | 1,578.87 | -727,893.67 | 729,472.54 | -0.2% |

Floodplain Management Fund
Balance Sheet
As of July 31, 2019

| | Jul 31, 19 |
|---------------------------------------|-------------------|
| ASSETS | |
| Current Assets | |
| Checking/Savings | |
| 1013-03 · LGIP - Floodplain | 403,589.56 |
| Total Checking/Savings | 403,589.56 |
| Total Current Assets | 403,589.56 |
| TOTAL ASSETS | 403,589.56 |
| LIABILITIES & EQUITY | |
| Equity | |
| 32000 · Retained Earnings | 401,936.34 |
| Net Income | 1,653.22 |
| Total Equity | 403,589.56 |
| TOTAL LIABILITIES & EQUITY | 403,589.56 |

Floodplain Management Fund
Profit & Loss Budget vs. Actual
July 2019

| | Jul 19 | Budget | \$ Over Budget | % of Budget |
|---|-----------------|------------------|-------------------|-------------|
| Ordinary Income/Expense | | | | |
| Income | | | | |
| 5032-03 · Int. Inc.-LGIP-Floodplain | 1,653.22 | 9,699.30 | -8,046.08 | 17.0% |
| Total Income | 1,653.22 | 9,699.30 | -8,046.08 | 17.0% |
| Expense | | | | |
| 7203-03 · Reg. Flood Preliminary Planning | 0.00 | 300,000.00 | -300,000.00 | 0.0% |
| 7206-03 · Flood Project Along SR88-Minden | 0.00 | 40,000.00 | -40,000.00 | 0.0% |
| 7212-03 · CVCD-2017 Flood Permit/Repairs | 0.00 | 0.00 | 0.00 | 0.0% |
| 7213-03 · DVCD-2017 Flood Permit/Repairs | 0.00 | 0.00 | 0.00 | 0.0% |
| 7214-03 · ChCo Floodplain Evaluation | 0.00 | 35,000.00 | -35,000.00 | 0.0% |
| Total Expense | 0.00 | 375,000.00 | -375,000.00 | 0.0% |
| Net Ordinary Income | 1,653.22 | -365,300.70 | 366,953.92 | -0.5% |
| Other Income/Expense | | | | |
| Other Income | | | | |
| 8000-03 · Beginning Equity | 0.00 | 387,972.00 | -387,972.00 | 0.0% |
| Total Other Income | 0.00 | 387,972.00 | -387,972.00 | 0.0% |
| Other Expense | | | | |
| 8002-03 · Trans.Out-General Fund | 0.00 | 0.00 | 0.00 | 0.0% |
| Total Other Expense | 0.00 | 0.00 | 0.00 | 0.0% |
| Net Other Income | 0.00 | 387,972.00 | -387,972.00 | 0.0% |
| Net Income | 1,653.22 | 22,671.30 | -21,018.08 | 7.3% |

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/13/19

Profit & Loss Budget vs. Actual

Accrual Basis

July 2018 through June 2019

| | Jul '18 - Jun 19 | Budget | \$ Over Budget | % of Budget |
|--|---------------------|---------------------|-------------------|---------------|
| Ordinary Income/Expense | | | | |
| Income | | | | |
| 5008-00 · Alpine Co. Joint Powers contrib | 9,800.00 | 9,800.00 | | 100.0% |
| 5009-00 · Churchill County Ad Valorem | 198,336.75 | 201,065.00 | -2,728.25 | 98.6% |
| 5010-00 · Lyon County Ad Valorem | 166,243.24 | 166,458.00 | -214.76 | 99.9% |
| 5011-00 · Douglas County Ad Valorem | 556,242.89 | 551,915.00 | 4,327.89 | 100.8% |
| 5012-00 · Carson City Ad Valorem | 399,010.76 | 412,592.00 | -13,581.24 | 96.7% |
| 5022-00 · Water Lease - Mud Lake | 53,450.97 | 55,000.00 | -1,549.03 | 97.2% |
| 5031-00 · Interest Income-LGIP Reg. | 16,558.93 | 9,500.00 | 7,058.93 | 174.3% |
| 5045-00 · Interest Income-B of A Savings | 0.11 | 6.00 | -5.89 | 1.8% |
| 5050-00 · Watershed Coordinator Grant | | | | |
| 5050-12 · NDEP-WS Coord III 2018-2020 | 70,551.51 | 121,400.00 | -50,848.49 | 58.1% |
| Total 5050-00 · Watershed Coordinator Grant | 70,551.51 | 121,400.00 | -50,848.49 | 58.1% |
| 5058-00 · 208 Water Quality Plan | | | | |
| 5058-04 · NDEP-LID Implementation 2018-19 | 12,227.53 | 17,850.00 | -5,622.47 | 68.5% |
| Total 5058-00 · 208 Water Quality Plan | 12,227.53 | 17,850.00 | -5,622.47 | 68.5% |
| 5060-00 · Misc. Income | | | | |
| 5060-02 · Watershed Tour | 5,740.00 | 6,000.00 | -260.00 | 95.7% |
| Total 5060-00 · Misc. Income | 5,755.00 | 6,000.00 | -245.00 | 95.9% |
| 5063-00 · Environmental Education Program | | | | |
| 5063-06 · NDEP-Env.Ed.Coord. 2018-19 | 6,976.63 | 5,100.00 | 1,876.63 | 136.8% |
| Total 5063-00 · Environmental Education Program | 6,976.63 | 5,100.00 | 1,876.63 | 136.8% |
| 5082-00 · Alpine Co.-CASGEM Grant | 1,385.57 | 300.00 | 1,085.57 | 461.9% |
| 5083-00 · Al.Co.-Mesa GW Monitoring Grant | 2,026.06 | 300.00 | 1,726.06 | 675.4% |
| 5095-00 · NDEP-WS Literacy Implementation | | 26,300.00 | -26,300.00 | |
| 5096-00 · NFWF-Weed Mgmt. | 619.28 | 17,240.00 | -16,620.72 | 3.6% |
| 5097-00 · BLM-Weed Mgmt. Grant | 1,208.82 | 750.00 | 458.82 | 161.2% |
| 5098-00 · FEMA -MAS #7 | 87,342.59 | 82,650.00 | 4,692.59 | 105.7% |
| 5099-00 · NDEP-WS Lit.Implement.-Phase 3 | 40,458.90 | 17,670.00 | 22,788.90 | 229.0% |
| 6000-00 · FEMA-MAS #8 | 297,814.00 | 247,890.00 | 49,924.00 | 120.1% |
| 6002-00 · NDA Weed Mgmt-Starthistle | 15,486.75 | 2,050.00 | 13,436.75 | 755.5% |
| 6003-00 · FEMA-MAS #9 | 189,215.17 | | 189,215.17 | 100.0% |
| Total Income | 2,130,711.46 | 1,951,836.00 | 178,875.46 | 109.2% |
| Expense | | | | |
| 7015-00 · Salaries & Wages | 385,148.96 | 385,000.00 | 148.96 | 100.0% |
| 7020-00 · Employee Benefits | 144,279.36 | 145,500.00 | -1,220.64 | 99.2% |
| 7021-00 · Workers Comp Ins. | 1,579.62 | 1,100.00 | 479.62 | 143.6% |
| 7101-00 · Director's Fees | | | | |
| 7101-01 · Director Benefits | 159.11 | | 159.11 | 100.0% |
| 7101-00 · Director's Fees - Other | 10,750.46 | 14,500.00 | -3,749.54 | 74.1% |
| Total 7101-00 · Director's Fees | 12,029.57 | 14,500.00 | -2,470.43 | 83.0% |
| 7102-00 · Insurance | 4,958.95 | 6,000.00 | -1,041.05 | 82.6% |
| 7103-00 · Office Supplies | 3,627.72 | 2,500.00 | 1,127.72 | 145.1% |
| 7104-00 · Postage | 872.75 | 850.00 | 22.75 | 102.7% |
| 7105-00 · Rent | 34,836.71 | 26,555.00 | 8,281.71 | 131.2% |
| 7106-00 · Telephone/Internet | 4,158.28 | 3,800.00 | 358.28 | 109.4% |
| 7107-00 · Travel-transport/meals/lodging | | | | |
| 7107-01 · Car Allowance | 7,193.53 | | 7,193.53 | 100.0% |
| 7107-00 · Travel-transport/meals/lodging - Other | 7,969.57 | 14,000.00 | -6,030.43 | 56.9% |
| Total 7107-00 · Travel-transport/meals/lodging | 15,282.05 | 14,000.00 | 1,282.05 | 109.2% |
| 7108-00 · Dues & Publications | 1,396.60 | 1,100.00 | 296.60 | 127.0% |
| 7109-00 · Miscellaneous Expense | 146.79 | 1,000.00 | -853.21 | 14.7% |
| 7110-00 · Seminars & Education | 610.00 | 3,000.00 | -2,390.00 | 20.3% |

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/13/19

Profit & Loss Budget vs. Actual

Accrual Basis

July 2018 through June 2019

| | Jul '18 - Jun 19 | Budget | \$ Over Budget | % of Budget |
|---|------------------|------------|----------------|-------------|
| 7111-00 · Office Equipment | 1,293.95 | 3,000.00 | -1,706.05 | 43.1% |
| 7112-00 · Bank Charges | 2.00 | 100.00 | -98.00 | 2.0% |
| 7114-00 · Outside Professional Services | 14,058.18 | 10,000.00 | 4,058.18 | 140.6% |
| 7115-00 · Accounting | 10,550.00 | 16,000.00 | -5,450.00 | 65.9% |
| 7116-00 · Legal | 28,500.00 | 40,700.00 | -12,200.00 | 70.0% |
| 7117-00 · Lost Lakes Expenses | 10,750.98 | 11,500.00 | -749.02 | 93.5% |
| 7118-00 · Mud Lake O & M | 986.30 | 1,000.00 | -13.70 | 98.6% |
| 7120-00 · Integrated Watershed Programs | | | | |
| 7120-07 · Watershed Tour | 1,701.62 | 6,000.00 | -4,298.38 | 28.4% |
| 7120-31 · Watershed Coord Expenses 17-19 | 2,135.00 | 9,850.00 | -7,715.00 | 21.7% |
| Total 7120-00 · Integrated Watershed Programs | 3,836.62 | 15,850.00 | -12,013.38 | 24.2% |
| 7125-00 · Environmental Ed.Coord.Exp. | | | | |
| 7125-03 · Env. Ed. Coord. Exp. 2017-18 | 6,626.77 | 4,800.00 | 1,826.77 | 138.1% |
| Total 7125-00 · Environmental Ed.Coord.Exp. | 6,626.77 | 4,800.00 | 1,826.77 | 138.1% |
| 7215-00 · Sierra NV Journeys-Family Night | 3,000.00 | 3,000.00 | | 100.0% |
| 7332-00 · Carson River Work Days | | | | |
| 7332-04 · CR Work Days 2018-19 | 25,999.80 | 26,000.00 | -0.20 | 100.0% |
| Total 7332-00 · Carson River Work Days | 25,999.80 | 26,000.00 | -0.20 | 100.0% |
| 7337-00 · Carson River Restoration | | | | |
| 7337-01 · Carson Valley Conserv District | | | | |
| 7337-17 · CVCD-CV Clearing & Snagging | 5,916.49 | | 5,916.49 | 100.0% |
| 7337-19 · CVCD-Bioengineering, 2018-20 | 6,488.78 | 50,000.00 | -43,511.22 | 13.0% |
| 7337-91 · CVCD-Cradlebaugh #1 2018-20 EXT | 18,394.00 | 100,000.00 | -81,606.00 | 18.4% |
| Total 7337-01 · Carson Valley Conserv District | 30,799.27 | 150,000.00 | -119,200.73 | 20.5% |
| 7337-03 · Dayton Valley Conserv | | | | |
| 7337-33 · DVCD--Restoration 2017-20 EXT | 67,486.18 | 75,000.00 | -7,513.82 | 90.0% |
| 7337-35 · DVCD Post Flood Repairs #18-11A | 75,000.00 | | 75,000.00 | 100.0% |
| Total 7337-03 · Dayton Valley Conserv | 142,486.18 | 75,000.00 | 67,486.18 | 190.0% |
| 7337-04 · Lahontan Conserv.Dist | | | | |
| 7337-41 · LCD-Clearing & Snagging | 19,619.84 | 20,000.00 | -380.16 | 98.1% |
| Total 7337-04 · Lahontan Conserv.Dist | 19,619.84 | 20,000.00 | -380.16 | 98.1% |
| Total 7337-00 · Carson River Restoration | 192,905.29 | 245,000.00 | -52,094.71 | 78.7% |
| 7404-00 · Noxious Weeds Control-CR Wtrshd | | | | |
| 7404-01 · Noxious Weed Control-Alpine Co. | 15,000.00 | 15,000.00 | | 100.0% |
| 7404-02 · Noxious Weed Control-Douglas Co | 15,000.00 | 15,000.00 | | 100.0% |
| 7404-03 · Noxious Weed Control-CarsonCity | 15,000.00 | 15,000.00 | | 100.0% |
| 7404-04 · Noxious Weed Control-Lyon Co. | 15,000.00 | 15,000.00 | | 100.0% |
| 7404-05 · Noxious Weed Control-Churchill | 15,000.00 | 15,000.00 | | 100.0% |
| Total 7404-00 · Noxious Weeds Control-CR Wtrshd | 75,000.00 | 75,000.00 | | 100.0% |
| 7406-00 · 208 Water Quality Mgmt. Plan | 11,232.29 | 30,080.00 | -18,847.71 | 37.3% |
| 7429-00 · NDEP-Wtrshd Lit.Implementation | 4.14 | 25,510.00 | -25,505.86 | 0.0% |
| 7430-00 · NFWF - Weed Mgmt. | 876.23 | 15,240.00 | -14,363.77 | 5.7% |
| 7431-00 · BLM - Weed Mgmt. | 15.74 | | 15.74 | 100.0% |
| 7432-00 · FEMA MAS #7 | | | | |
| 7432-01 · Voltaire Cyn.(Cardno) | 77,693.28 | | 77,693.28 | 100.0% |
| 7432-02 · Johnson Ln. ADMP (JE Fuller) | 10.48 | | 10.48 | 100.0% |
| 7432-00 · FEMA MAS #7 - Other | 304.91 | 75,800.00 | -75,495.09 | 0.4% |
| Total 7432-00 · FEMA MAS #7 | 78,008.67 | 75,800.00 | 2,208.67 | 102.9% |
| 7433-00 · NDEP-WS Lit.Impl.-Phase 3 | 46,109.79 | 25,260.00 | 20,849.79 | 182.5% |
| 7434-00 · FEMA MAS #8 | | | | |
| 7434-02 · Update Floodplain Ord.(Loveberg | 18,128.00 | | 18,128.00 | 100.0% |

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/13/19

Profit & Loss Budget vs. Actual

Accrual Basis

July 2018 through June 2019

| | Jul '18 - Jun 19 | Budget | \$ Over Budget | % of Budget |
|---|------------------|--------------|----------------|-------------|
| 7434-00 · FEMA MAS #8 - Other | 2,759.59 | 225,160.00 | -222,400.41 | 1.2% |
| Total 7434-00 · FEMA MAS #8 | 289,984.63 | 225,160.00 | 64,824.63 | 128.8% |
| 7436-00 · NDA Weed Mgmt - Starthistle | 12,367.28 | 1,000.00 | 11,367.28 | 1,236.7% |
| 7437-00 · FEMA MAS #9 | 199,119.54 | | 199,119.54 | 100.0% |
| 7438-00 · BOR WaterSMART Market Program | 50.76 | | 50.76 | 100.0% |
| 7500-00 · USGS Stream Gage Contract | | | | |
| 7500-02 · Stream Gages 2017-19 | 78,405.25 | 78,405.00 | 0.25 | 100.0% |
| Total 7500-00 · USGS Stream Gage Contract | 78,405.25 | 78,405.00 | 0.25 | 100.0% |
| 7508-00 · USGS Do.Co.WQ & GW Monitoring | | | | |
| 7508-02 · DoCo WQ/GW Mon. 2017-19 | 16,755.00 | 16,890.00 | -135.00 | 99.2% |
| Total 7508-00 · USGS Do.Co.WQ & GW Monitoring | 16,755.00 | 16,890.00 | -135.00 | 99.2% |
| 7524-00 · USGS-GW Lvl & WQ in Ch.Co. | | | | |
| 7524-01 · USGS-GW Lvl & WQ-ChCo 2014-18 | 1,116.00 | | 1,116.00 | 100.0% |
| 7524-02 · USGS-GW Lvl & WQ-ChCo 2018-22 | 5,758.00 | 5,630.00 | 128.00 | 102.3% |
| Total 7524-00 · USGS-GW Lvl & WQ in Ch.Co. | 6,874.00 | 5,630.00 | 1,244.00 | 122.1% |
| 7526-00 · USGS-Eagle/Dayt/Ch.Vly. 2016-20 | 15,600.00 | 27,680.00 | -12,080.00 | 56.4% |
| 7527-00 · USGS-Arsenic Data Collection-CV | | | | |
| 7527-01 · USGS-CV Arsenic Study 2018-19 | 28,055.00 | 28,055.00 | | 100.0% |
| Total 7527-00 · USGS-Arsenic Data Collection-CV | 28,055.00 | 28,055.00 | | 100.0% |
| 7528-00 · USGS-Mercury/Arsenic/Lead Mon. | 15,000.00 | 15,000.00 | | 100.0% |
| 7600-00 · Alpine County Projects | | | | |
| 7600-05 · Alpine Watershed Programs | 25,000.00 | 25,000.00 | | 100.0% |
| 7600-09 · Al.Co.-CASGEM | 6.01 | 10.00 | -3.99 | 60.1% |
| 7600-10 · Al.Co.-Mesa GW Monitoring | 33.78 | 10.00 | 23.78 | 337.8% |
| Total 7600-00 · Alpine County Projects | 25,039.79 | 25,020.00 | 19.79 | 100.1% |
| 7610-00 · Douglas County Projects | | | | |
| 7610-10 · Do.Co.Reg.Pipeline Debt Service | 125,000.00 | 125,000.00 | | 100.0% |
| Total 7610-00 · Douglas County Projects | 125,000.00 | 125,000.00 | | 100.0% |
| 7620-00 · Carson City Projects | | | | |
| 7620-11 · CC Reg.Pipeline Debt Service | 125,000.00 | 125,000.00 | | 100.0% |
| Total 7620-00 · Carson City Projects | 125,000.00 | 125,000.00 | | 100.0% |
| 7640-00 · Churchill County Projects | | | | |
| 7640-09 · Lahontan Vly.Wtr.Lvl. 2018-21 | 16,296.50 | 18,000.00 | -1,703.50 | 90.5% |
| 7640-16 · Dixie Vly.Wtr.Lvl.Meas 2016-19 | 18,546.16 | 24,400.00 | -5,853.84 | 76.0% |
| Total 7640-00 · Churchill County Projects | 35,742.66 | 42,400.00 | -6,657.34 | 84.3% |
| Total Expense | 2,091,678.02 | 1,943,985.00 | 147,693.02 | 107.6% |
| Net Ordinary Income | 39,033.44 | 7,851.00 | 31,182.44 | 497.2% |
| Other Income/Expense | | | | |
| Other Income | | | | |
| 8005-00 · Beginning Equity | | 593,258.29 | -593,258.29 | |
| 8009-00 · Trans. In-Floodplain Mgmt. Fd. | 7,221.31 | | 7,221.31 | 100.0% |
| Total Other Income | 7,221.31 | 593,258.29 | -586,036.98 | 1.2% |
| Other Expense | | | | |
| 8002-00 · Transfer Out-Acq/Const Fund | 50,000.00 | 50,000.00 | | 100.0% |
| 8008-00 · Preliminary Planning | | 405,000.00 | -405,000.00 | |
| 8014-00 · Trans. Out-Floodplain Mgmt. Fd. | 50,000.00 | 50,000.00 | | 100.0% |

2:12 PM

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/13/19

Profit & Loss Budget vs. Actual

Accrual Basis

July 2018 through June 2019

| | Jul '18 - Jun 19 | Budget | \$ Over Budget | % of Budget |
|---------------------|-------------------|------------------|--------------------|---------------|
| Total Other Expense | 100,000.00 | 505,000.00 | -405,000.00 | 19.8% |
| Net Other Income | -92,778.69 | 88,258.29 | -181,036.98 | -105.1% |
| Net Income | <u>-53,745.25</u> | <u>96,109.29</u> | <u>-149,854.54</u> | <u>-55.9%</u> |

AGENDA ITEM #8

PAYMENT OF BILLS

10:44 AM

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/08/19

Transaction Detail by Account

Accrual Basis

July 2019

| Type | Date | Num | Name | Memo | Amount | Balance |
|--|------------|------|--|--|------------|------------|
| 1010-00 · Cash in Checking - B of A | | | | | | |
| Depo... | 07/05/2019 | | | Deposit | 5,701.57 | 5,701.57 |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | -19,601.34 | -13,899.77 |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | -8,318.34 | -22,218.11 |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | -2,666.66 | -24,884.77 |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | -3,039.00 | -27,923.77 |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | -1,450.00 | -29,373.77 |
| Check | 07/23/2019 | ACH | U.S. Geological Survey | Quarterly Payment | -12,567.00 | -41,940.77 |
| Total 1010-00 · Cash in Checking - B of A | | | | | -41,940.77 | -41,940.77 |
| 1011-00 · Petty Cash | | | | | | |
| Check | 07/01/2019 | 9606 | cash | June petty cash reimbursement | 59.28 | 59.28 |
| Total 1011-00 · Petty Cash | | | | | 59.28 | 59.28 |
| 1013-00 · Cash in Checking - U. S. Bank | | | | | | |
| Check | 07/01/2019 | 9606 | cash | June 2019 petty cash reimbursement | -59.28 | -59.28 |
| Bill P... | 07/01/2019 | 9607 | Truckee Meadows Parks Foundation | Americorps 4th Qtr Payment - Inv #106 | -3,362.50 | -3,421.78 |
| Depo... | 07/02/2019 | | | Deposit | 55,852.25 | 52,430.47 |
| Bill P... | 07/02/2019 | 9608 | JE Fuller Hydrology & Geomorpholo... | DV ADMP INV#P2921.01-15 (6/1-6/30/19) | -23,375.00 | 29,055.47 |
| Bill P... | 07/02/2019 | 9609 | RDM Infinity, LLC | Professional Services Inv# 2038 | -1,950.00 | 27,105.47 |
| Bill P... | 07/03/2019 | 9610 | Nevada Retail Network SIG | 2nd Qtr 2019 Pymt | -387.58 | 26,717.89 |
| Check | 07/10/2019 | 9611 | Michael Baker International, Inc. | Inv#1053375 Proj#170572 NCC ADMP Professional Svcs. thru June ... | -6,276.00 | 20,441.89 |
| Check | 07/10/2019 | 9612 | Konica Minolta Business Solutions U... | Acct#3091 6/1/19-6/30/19 | -120.42 | 20,321.47 |
| Check | 07/10/2019 | 9613 | Robert Loveberg | Inv#P18030101-06 April - June 2019; 208 LID | -3,550.00 | 16,771.47 |
| Check | 07/10/2019 | 9614 | Robert Loveberg | Inv#P17111501-15; June 2019; Floodplain Ordinance Language Upd... | -3,810.00 | 12,961.47 |
| Check | 07/11/2019 | 9615 | Carson City | CWSD Payroll #14 (6/21/19-7/4/19) | -20,419.50 | -7,458.03 |
| Check | 07/12/2019 | 9616 | King & Russo, Ltd. | Professional Services June 2019 | -2,000.00 | -9,458.03 |
| Depo... | 07/15/2019 | | | Deposit | 3,320.16 | -6,137.87 |
| Check | 07/15/2019 | 9617 | HDR Engineering, Inc. | Inv# 1200201115; Pinenut Creek LOMR, Svcs. 5/26-6/29/19 | -16,581.63 | -22,719.50 |
| Check | 07/15/2019 | 9618 | JE Fuller Hydrology & Geomorpholo... | Inv.#P3121.01-6 -SDVADMP Project P3121.01 Professional Svcs. 6/... | -2,874.90 | -25,594.40 |
| Check | 07/16/2019 | 9619 | Sierra Nevada Journeys | Family Watershed Nights 2018-19 | -3,000.00 | -28,594.40 |
| Depo... | 07/17/2019 | | | Deposit | 29,779.91 | -1,185.51 |
| Check | 07/19/2019 | 9620 | NEON Agency | Inv#1398 Professional Services | -3,000.00 | -1,814.49 |
| Check | 07/19/2019 | 9621 | Charter Communications | Acct#8354110010917880 | -299.94 | -2,114.43 |
| Check | 07/19/2019 | 9622 | Edwin James | Reimbursement for 7/17/19 Board Meeting Meal | -174.77 | -2,289.20 |
| Depo... | 07/19/2019 | | | Deposit | 18,035.73 | 15,746.53 |
| Depo... | 07/19/2019 | | | Deposit | 3,747.88 | 19,494.41 |
| Check | 07/22/2019 | 9623 | Orange Tree Production Studio LLC | Invoice #3636, CWSD Contract #2019-17: CWSD Video | -9,850.00 | 9,644.41 |
| Check | 07/22/2019 | 9624 | Nevada State Engineer | Lost Lakes Temporary Permit | -180.00 | 9,464.41 |
| Check | 07/22/2019 | 9625 | Office Depot Business Credit | Acct #6011 5685 11775 7761 | -365.30 | 9,099.11 |
| Depo... | 07/22/2019 | | | Deposit | 27,155.78 | 36,254.89 |
| Check | 07/23/2019 | 9626 | Bank of America | Acct# 4024 4910 0003 3949 | -679.79 | 35,575.10 |
| Check | 07/23/2019 | 9627 | HDR Engineering, Inc. | Inv# 120010148141; Pinenut Creek LOMR, Svcs. 6/30/19 | -18,869.90 | 16,705.20 |
| Check | 07/23/2019 | 9628 | VOID | VOID | | 16,705.20 |
| Check | 07/24/2019 | 9629 | VOID | VOID | | 16,705.20 |
| Check | 07/24/2019 | 9630 | Stacey Giomi | 7/17/19 Bd Mtg Mileage Reimbursement | -39.96 | 16,665.24 |
| Check | 07/24/2019 | 9631 | Carl Erquiaga | 7/17/19 Bd Mtg Mileage Reimbursement | -109.52 | 16,555.72 |
| Check | 07/24/2019 | 9632 | Ken Gray | 7/17/19 Bd Mtg Mileage Reimbursement | -58.37 | 16,497.35 |
| Check | 07/24/2019 | 9633 | David Griffith | 7/17/19 Bd Mtg Mileage Reimbursement | -11.57 | 16,485.78 |
| Check | 07/24/2019 | 9634 | Jack Jacobs | 7/17/19 Bd Mtg Mileage Reimbursement | -21.23 | 16,464.55 |
| Check | 07/24/2019 | 9635 | Donald Jardine | 7/17/19 Bd Mtg Mileage Reimbursement | -4.58 | 16,459.97 |
| Check | 07/24/2019 | 9636 | Barry Penzel | 7/17/19 Bd Mtg Mileage Reimbursement | -30.77 | 16,429.20 |
| Check | 07/24/2019 | 9637 | Ernest Schank | 7/17/19 Bd Mtg Mileage Reimbursement | -111.67 | 16,317.53 |
| Check | 07/24/2019 | 9638 | Fred Stodieck | 7/17/19 Bd Mtg Mileage Reimbursement | -20.01 | 16,297.52 |
| Check | 07/24/2019 | 9639 | VOID | VOID | | 16,297.52 |
| Check | 07/24/2019 | 9640 | Mike Workman | 7/17/19 Bd Mtg Mileage Reimbursement | -52.19 | 16,245.33 |
| Check | 07/24/2019 | 9641 | VOID | VOID | | 16,245.33 |
| Check | 07/24/2019 | 9642 | David Griffith | July Director Fee | -80.00 | 16,165.33 |
| Check | 07/24/2019 | 9643 | Donald Jardine | July Director Fee | -80.00 | 16,085.33 |
| Check | 07/25/2019 | 9644 | Carson City | CWSD Payroll #15 (7/5/19-7/4/18/19) | -22,043.83 | -5,958.50 |
| Check | 07/29/2019 | 9645 | Nevada Retail Network SIG | 2018 Audit Reconciliation-Policy #NRN10861-2018-01 | -329.00 | -6,287.50 |
| Check | 07/29/2019 | 9646 | A-1 National Fire Co. | Inv#32662 Annual Fire Extinguisher Inspection | -69.19 | -6,356.69 |
| Check | 07/29/2019 | 9647 | Carson Valley Conservation District | Inv#003 CWSD #2018-11, 1/1/19-6/30/19 | -6,484.06 | -12,840.75 |
| Check | 07/29/2019 | 9648 | River Wranglers | Inv#CCRWD 2018-19 #5;6/1/19-6/30/19 | -7,796.69 | -20,637.44 |
| Check | 07/29/2019 | 9649 | Nevada Retail Network SIG | Inv#527753 1st Qtr Revision-Policy #NRN10861-2018-01 | -227.15 | -20,864.59 |
| Check | 07/30/2019 | 9650 | Dayton Valley Conservation District | INV# DVCD-4; 4/1/19-6/30/19 River Restoration Projects | -19,187.89 | -40,052.48 |
| Check | 07/30/2019 | 9651 | Churchill County | Contract #2018-13 Lahontan Valley WL Meas. Program Q4 2019 | -4,128.75 | -44,181.23 |
| Check | 07/30/2019 | 9652 | Churchill County | Contract #2016-10; Dixie Valley Valley WL Meas. Program Q4 2019 | -497.18 | -44,678.41 |
| Check | 07/30/2019 | 9653 | cash | July 2019 Petty Cash Reimbursement | -54.19 | -44,732.60 |
| Total 1013-00 · Cash in Checking - U. S. Bank | | | | | -44,732.60 | -44,732.60 |
| 1014-00 · Local Gov't Inv. Pool-Regular | | | | | | |
| Depo... | 07/31/2019 | | | Interest | 1,533.42 | 1,533.42 |
| Total 1014-00 · Local Gov't Inv. Pool-Regular | | | | | 1,533.42 | 1,533.42 |
| 1029-00 · Bank of America-Savings | | | | | | |

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/08/19

Transaction Detail by Account

Accrual Basis

July 2019

| Type | Date | Num | Name | Memo | Amount | Balance |
|--|------------|----------|--------------------------------------|---------------------------------------|------------|------------|
| Depo... | 07/31/2019 | | | Interest | 0.01 | 0.01 |
| Total 1029-00 · Bank of America-Savings | | | | | 0.01 | 0.01 |
| 2000 · *Accounts Payable | | | | | | |
| Bill P... | 07/01/2019 | 9607 | Truckee Meadows Parks Foundation | Americorps 4th Qtr Payment - Inv #106 | 3,362.50 | 3,362.50 |
| Bill | 07/01/2019 | Inv #... | RDM Infinity, LLC | Professional Services Inv# 2038 | -1,950.00 | 1,412.50 |
| Bill | 07/01/2019 | Proj... | JE Fuller Hydrology & Geomorpholo... | DV ADMP INV#P2921.01-15 (6/1-6/30/19) | -23,375.00 | -21,962.50 |
| Bill P... | 07/02/2019 | 9608 | JE Fuller Hydrology & Geomorpholo... | DV ADMP INV#P2921.01-15 (6/1-6/30/19) | 23,375.00 | 1,412.50 |
| Bill P... | 07/02/2019 | 9609 | RDM Infinity, LLC | Professional Services Inv# 2038 | 1,950.00 | 3,362.50 |
| Bill P... | 07/03/2019 | 9610 | Nevada Retail Network SIG | 2nd Qtr 2019 Pymt | 387.58 | 3,750.08 |
| Bill | 07/25/2019 | Invoi... | Truckee Meadows Parks Foundation | Americorps 4th Qtr Payment - Inv #106 | -3,362.50 | 387.58 |
| Total 2000 · *Accounts Payable | | | | | 387.58 | 387.58 |
| 3307-00 · CC Payroll Due | | | | | | |
| Gene... | 07/11/2019 | | | Salary Payroll #14 Fryer | -20,419.50 | -20,419.50 |
| Check | 07/11/2019 | 9615 | Carson City | Payroll #14 (6/21/19-7/4/19) | 20,419.50 | |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Bonkowski | -22,043.83 | -22,043.83 |
| Check | 07/25/2019 | 9644 | Carson City | Payroll #15 (7/5/19-7/18/19) | 22,043.83 | |
| Total 3307-00 · CC Payroll Due | | | | | | |
| 5009-00 · Churchill County Ad Valorem | | | | | | |
| Depo... | 07/19/2019 | 1180... | Churchill County Clerk/Treasurer | 4th Qtr Ad Valorem Taxes | -9,980.12 | -9,980.12 |
| Total 5009-00 · Churchill County Ad Valorem | | | | | -9,980.12 | -9,980.12 |
| 5010-00 · Lyon County Ad Valorem | | | | | | |
| Depo... | 07/19/2019 | 0013... | Lyon County | 4th Qtr Ad Valorem Taxes | -8,055.61 | -8,055.61 |
| Total 5010-00 · Lyon County Ad Valorem | | | | | -8,055.61 | -8,055.61 |
| 5011-00 · Douglas County Ad Valorem | | | | | | |
| Depo... | 07/15/2019 | 6933... | Douglas County Treasurer | June Ad Valorem Taxes | -976.34 | -976.34 |
| Total 5011-00 · Douglas County Ad Valorem | | | | | -976.34 | -976.34 |
| 5012-00 · Carson City Ad Valorem | | | | | | |
| Depo... | 07/02/2019 | 3885... | Carson City | May Ad Valorem | -2,401.28 | -2,401.28 |
| Total 5012-00 · Carson City Ad Valorem | | | | | -2,401.28 | -2,401.28 |
| 5022-00 · Water Lease - Mud Lake | | | | | | |
| Depo... | 07/02/2019 | 3885... | Carson City | Mud Lake Water Usage FY 2018-19 | -53,450.97 | -53,450.97 |
| Total 5022-00 · Water Lease - Mud Lake | | | | | -53,450.97 | -53,450.97 |
| 5031-00 · Interest Income-LGIP Reg. | | | | | | |
| Depo... | 07/31/2019 | | | Interest | -1,533.42 | -1,533.42 |
| Total 5031-00 · Interest Income-LGIP Reg. | | | | | -1,533.42 | -1,533.42 |
| 5045-00 · Interest Income-B of A Savings | | | | | | |
| Depo... | 07/31/2019 | | | Interest | -0.01 | -0.01 |
| Total 5045-00 · Interest Income-B of A Savings | | | | | -0.01 | -0.01 |
| 5058-00 · 208 Water Quality Plan | | | | | | |
| 5058-04 · NDEP-LID Implementation 2018-19 | | | | | | |
| Depo... | 07/19/2019 | 9494... | Nevada State Controller | April-June FY 18-19 | -3,747.88 | -3,747.88 |
| Total 5058-04 · NDEP-LID Implementation 2018-19 | | | | | -3,747.88 | -3,747.88 |
| Total 5058-00 · 208 Water Quality Plan | | | | | -3,747.88 | -3,747.88 |
| 5082-00 · Alpine Co.-CASGEM Grant | | | | | | |
| Depo... | 07/15/2019 | 2628... | Alpine County | Inv#3 1/1-6/30/19 | -770.53 | -770.53 |
| Total 5082-00 · Alpine Co.-CASGEM Grant | | | | | -770.53 | -770.53 |
| 5083-00 · Al.Co.-Mesa GW Monitoring Grant | | | | | | |
| Depo... | 07/15/2019 | 2628... | Alpine County | Inv#4 1/1-6/30/19 | -1,232.27 | -1,232.27 |
| Total 5083-00 · Al.Co.-Mesa GW Monitoring Grant | | | | | -1,232.27 | -1,232.27 |
| 5098-00 · FEMA -MAS #7 | | | | | | |
| Depo... | 07/05/2019 | | FEMA | Draw 23 (FINAL -FYE 2019) | -5,701.57 | -5,701.57 |
| Total 5098-00 · FEMA -MAS #7 | | | | | -5,701.57 | -5,701.57 |
| 6000-00 · FEMA-MAS #8 | | | | | | |
| Depo... | 07/17/2019 | | FEMA | Draw 14 | -29,779.91 | -29,779.91 |

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/08/19

Transaction Detail by Account

Accrual Basis

July 2019

| Type | Date | Num | Name | Memo | Amount | Balance |
|---|------------|------|--|---------------------------------------|------------|------------|
| Total 6000-00 · FEMA-MAS #8 | | | | | -29,779.91 | -29,779.91 |
| 6003-00 · FEMA-MAS #9 | | | | | | |
| Depo... | 07/22/2019 | | FEMA | Draw 7 | -27,155.78 | -27,155.78 |
| Total 6003-00 · FEMA-MAS #9 | | | | | -27,155.78 | -27,155.78 |
| 7015-00 · Salaries & Wages | | | | | | |
| Gene... | 07/11/2019 | | | Salary Payroll #14 Fryer | 2,327.47 | 2,327.47 |
| Gene... | 07/11/2019 | | | Salary Payroll #14 Hunt | 2,286.04 | 4,613.51 |
| Gene... | 07/11/2019 | | | Salary Payroll #14 James | 5,357.86 | 9,971.37 |
| Gene... | 07/11/2019 | | | Salary Payroll #14 Neddenriep | 2,119.36 | 12,090.73 |
| Gene... | 07/11/2019 | | | Salary Payroll #14 Schambra | 2,217.57 | 14,308.30 |
| Gene... | 07/25/2019 | | | Salary Payroll #15 Fryer | 2,672.32 | 16,980.62 |
| Gene... | 07/25/2019 | | | Salary Payroll #15 Hunt | 2,357.94 | 19,338.56 |
| Gene... | 07/25/2019 | | | Salary Payroll #15 James | 5,533.00 | 24,871.56 |
| Gene... | 07/25/2019 | | | Salary Payroll #15 Neddenriep | 2,188.21 | 27,059.77 |
| Gene... | 07/25/2019 | | | Salary Payroll #15 Schambra | 2,290.08 | 29,349.85 |
| Total 7015-00 · Salaries & Wages | | | | | 29,349.85 | 29,349.85 |
| 7020-00 · Employee Benefits | | | | | | |
| Gene... | 07/11/2019 | | | Benies Payroll #14 Fryer | 350.03 | 350.03 |
| Gene... | 07/11/2019 | | | Benies Payroll #14 Hunt | 1,221.17 | 1,571.20 |
| Gene... | 07/11/2019 | | | Benies Payroll #14 James | 2,147.12 | 3,718.32 |
| Gene... | 07/11/2019 | | | Benies Payroll #14 Neddenriep | 1,030.89 | 4,749.21 |
| Gene... | 07/11/2019 | | | Benies Payroll #14 Schambra | 997.36 | 5,746.57 |
| Gene... | 07/25/2019 | | | Benies Payroll #15 Fryer | 405.13 | 6,151.70 |
| Gene... | 07/25/2019 | | | Benies Payroll #15 Hunt | 1,242.34 | 7,394.04 |
| Gene... | 07/25/2019 | | | Benies Payroll #15 James | 2,198.80 | 9,592.84 |
| Gene... | 07/25/2019 | | | Benies Payroll #15 Neddenriep | 1,051.27 | 10,644.11 |
| Gene... | 07/25/2019 | | | Benies Payroll #15 Schambra | 1,009.03 | 11,653.14 |
| Total 7020-00 · Employee Benefits | | | | | 11,653.14 | 11,653.14 |
| 7021-00 · Workers Comp Ins. | | | | | | |
| Check | 07/29/2019 | 9645 | Nevada Retail Network SIG | 2018 Audit Reconciliation | 329.00 | 329.00 |
| Check | 07/29/2019 | 9649 | Nevada Retail Network SIG | 1st Qtr Revision | 227.15 | 556.15 |
| Total 7021-00 · Workers Comp Ins. | | | | | 556.15 | 556.15 |
| 7101-00 · Director's Fees | | | | | | |
| 7101-01 · Director Benefits | | | | | | |
| Gene... | 07/11/2019 | | | Director Benies Payroll #14 Walsh | 1.42 | 1.42 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Bonkowski | 1.26 | 2.68 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Erquiaga | 1.16 | 3.84 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Giomi | 1.26 | 5.10 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Gray | 1.26 | 6.36 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Jacobs | 1.26 | 7.62 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Penzel | 1.26 | 8.88 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Schank | 1.26 | 10.14 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Stodieck | 1.26 | 11.40 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Walsh | 1.26 | 12.66 |
| Gene... | 07/25/2019 | | | Director Benies Payroll #15 Workman | 1.26 | 13.92 |
| Total 7101-01 · Director Benefits | | | | | 13.92 | 13.92 |
| 7101-02 · Director's Fees-Alpine Co. | | | | | | |
| Check | 07/24/2019 | 9642 | David Griffith | July Director Fee | 80.00 | 80.00 |
| Check | 07/24/2019 | 9643 | Donald Jardine | July Director Fee | 80.00 | 160.00 |
| Total 7101-02 · Director's Fees-Alpine Co. | | | | | 160.00 | 160.00 |
| 7101-00 · Director's Fees - Other | | | | | | |
| Gene... | 07/11/2019 | | | Director Fee Payroll #14 Walsh | 80.00 | 80.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Bonkowski | 80.00 | 160.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Erquiaga | 80.00 | 240.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Giomi | 80.00 | 320.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Gray | 80.00 | 400.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Jacobs | 80.00 | 480.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Penzel | 80.00 | 560.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Schank | 80.00 | 640.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Stodieck | 80.00 | 720.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Walsh | 80.00 | 800.00 |
| Gene... | 07/25/2019 | | | Director Fee Payroll #15 Workman | 80.00 | 880.00 |
| Total 7101-00 · Director's Fees - Other | | | | | 880.00 | 880.00 |
| Total 7101-00 · Director's Fees | | | | | 1,053.92 | 1,053.92 |
| 7103-00 · Office Supplies | | | | | | |
| Check | 07/10/2019 | 9612 | Konica Minolta Business Solutions U... | June Copies | 120.42 | 120.42 |

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/08/19

Transaction Detail by Account

Accrual Basis

July 2019

| Type | Date | Num | Name | Memo | Amount | Balance |
|---|------------|----------|-----------------------------------|---|-----------|-----------|
| Check | 07/22/2019 | 9625 | Office Depot Business Credit | Office Supplies | 365.30 | 485.72 |
| Check | 07/23/2019 | 9626 | Bank of America | Microsoft online services 6/12/19-7/11/19 | 67.50 | 553.22 |
| Check | 07/23/2019 | 9626 | Bank of America | WiFi Extender (Match to WS LIT-3) | 94.99 | 648.21 |
| Check | 07/30/2019 | 9653 | cash | extension cords | 4.00 | 652.21 |
| Check | 07/30/2019 | 9653 | cash | kitchen supplies | 14.96 | 667.17 |
| Check | 07/30/2019 | 9653 | cash | dish soap | 2.58 | 669.75 |
| Check | 07/30/2019 | 9653 | cash | Paper Towels | 9.06 | 678.81 |
| Check | 07/30/2019 | 9653 | cash | File Cabinet Keys | 5.38 | 684.19 |
| Total 7103-00 · Office Supplies | | | | | 684.19 | 684.19 |
| 7104-00 · Postage | | | | | | |
| Check | 07/23/2019 | 9626 | Bank of America | Board Agenda Package Mailing | 58.80 | 58.80 |
| Total 7104-00 · Postage | | | | | 58.80 | 58.80 |
| 7106-00 · Telephone/Internet | | | | | | |
| Check | 07/19/2019 | 9621 | Charter Communications | July Phone/Internet Svcs. | 299.94 | 299.94 |
| Total 7106-00 · Telephone/Internet | | | | | 299.94 | 299.94 |
| 7107-00 · Travel-transport/meals/lodging | | | | | | |
| 7107-01 · Car Allowance | | | | | | |
| Gene... | 07/11/2019 | | | Car Allowance Payroll #14 James | 283.21 | 283.21 |
| Gene... | 07/25/2019 | | | Car Allowance Payroll #15 James | 283.21 | 566.42 |
| Total 7107-01 · Car Allowance | | | | | 566.42 | 566.42 |
| 7107-00 · Travel-transport/meals/lodging - Other | | | | | | |
| Depo... | 07/15/2019 | 1452 | Truckee Meadows Parks Foundation | Reimbursement for 5/31/19 AmeriCorps River Float Meal | -341.02 | -341.02 |
| Check | 07/19/2019 | 9622 | Edwin James | Reimbursement for 7/17/19 Board Meeting Meal | 174.77 | -166.25 |
| Check | 07/23/2019 | 9626 | Bank of America | Legislative Update Breakfast Meeting | 35.00 | -131.25 |
| Check | 07/24/2019 | 9630 | Stacey Giomi | 7/17/19 Bd Mtg Mileage Reimbursement | 39.96 | -91.29 |
| Check | 07/24/2019 | 9631 | Carl Erquiaga | 7/17/19 Bd Mtg Mileage Reimbursement | 109.52 | 18.23 |
| Check | 07/24/2019 | 9632 | Ken Gray | 7/17/19 Bd Mtg Mileage Reimbursement | 58.37 | 76.60 |
| Check | 07/24/2019 | 9633 | David Griffith | 7/17/19 Bd Mtg Mileage Reimbursement | 11.57 | 88.17 |
| Check | 07/24/2019 | 9634 | Jack Jacobs | 7/17/19 Bd Mtg Mileage Reimbursement | 21.23 | 109.40 |
| Check | 07/24/2019 | 9635 | Donald Jardine | 7/17/19 Bd Mtg Mileage Reimbursement | 4.58 | 113.98 |
| Check | 07/24/2019 | 9636 | Barry Penzel | 7/17/19 Bd Mtg Mileage Reimbursement | 30.77 | 144.75 |
| Check | 07/24/2019 | 9637 | Ernest Schank | 7/17/19 Bd Mtg Mileage Reimbursement | 111.67 | 256.42 |
| Check | 07/24/2019 | 9638 | Fred Stodieck | 7/17/19 Bd Mtg Mileage Reimbursement | 20.01 | 276.43 |
| Check | 07/24/2019 | 9640 | Mike Workman | 7/17/19 Bd Mtg Mileage Reimbursement | 52.19 | 328.62 |
| Check | 07/30/2019 | 9653 | cash | Food 7/17/19 Board Meeting | 11.76 | 340.38 |
| Total 7107-00 · Travel-transport/meals/lodging - Other | | | | | 340.38 | 340.38 |
| Total 7107-00 · Travel-transport/meals/lodging | | | | | 906.80 | 906.80 |
| 7109-00 · Miscellaneous Expense | | | | | | |
| Check | 07/23/2019 | 9626 | Bank of America | Annual Payment - Symantec Anti-Virus Service | 224.00 | 224.00 |
| Check | 07/23/2019 | 9626 | Bank of America | IDrive - Cloud Storage - Annual Payment | 199.50 | 423.50 |
| Total 7109-00 · Miscellaneous Expense | | | | | 423.50 | 423.50 |
| 7114-00 · Outside Professional Services | | | | | | |
| Bill | 07/01/2019 | Inv #... | RDM Infinity, LLC | Inv #2038 (WS LIT 3 - MATCH) | 1,950.00 | 1,950.00 |
| Check | 07/22/2019 | 9623 | Orange Tree Production Studio LLC | Invoice #3636, CWSD Contract #2019-17: CWSD Video (WS LIT 3-... | 9,850.00 | 11,800.00 |
| Check | 07/22/2019 | 9624 | Nevada State Engineer | Lost Lakes Temporary Permit | 180.00 | 11,980.00 |
| Bill | 07/25/2019 | Invol... | Truckee Meadows Parks Foundation | AmeriCorps 4th Qtr Pymt | 3,362.50 | 15,342.50 |
| Check | 07/29/2019 | 9646 | A-1 National Fire Co. | Annual Fire Extinguisher Inspection | 69.19 | 15,411.69 |
| Total 7114-00 · Outside Professional Services | | | | | 15,411.69 | 15,411.69 |
| 7116-00 · Legal | | | | | | |
| Check | 07/12/2019 | 9616 | King & Russo, Ltd. | Professional Services June 2019 | 2,000.00 | 2,000.00 |
| Total 7116-00 · Legal | | | | | 2,000.00 | 2,000.00 |
| 7215-00 · Sierra NV Journeys-Family Night | | | | | | |
| Check | 07/16/2019 | 9619 | Sierra Nevada Journeys | SJC Family WS Nights 2018-19 | 3,000.00 | 3,000.00 |
| Total 7215-00 · Sierra NV Journeys-Family Night | | | | | 3,000.00 | 3,000.00 |
| 7332-00 · Carson River Work Days | | | | | | |
| 7332-04 · CR Work Days 2018-19 | | | | | | |
| Check | 07/29/2019 | 9648 | River Wranglers | 6/1/19-6/30/19 | 7,796.69 | 7,796.69 |
| Total 7332-04 · CR Work Days 2018-19 | | | | | 7,796.69 | 7,796.69 |
| Total 7332-00 · Carson River Work Days | | | | | 7,796.69 | 7,796.69 |
| 7337-00 · Carson River Restoration | | | | | | |
| 7337-01 · Carson Valley Conserv District | | | | | | |

For internal & discussion purposes only.

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CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/08/19

Transaction Detail by Account

Accrual Basis

July 2019

| Type | Date | Num | Name | Memo | Amount | Balance |
|--|------------|---------|--------------------------------------|--|-----------|-----------|
| 7337-91 · CVCD-Cradlebaugh #1 2018-20 EXT | | | | | | |
| Check | 07/29/2019 | 9647 | Carson Valley Conservation District | Inv#003 CWSD #2018-11, 1/1/19-6/30/19 | 6,484.06 | 6,484.06 |
| Total 7337-91 · CVCD-Cradlebaugh #1 2018-20 EXT | | | | | 6,484.06 | 6,484.06 |
| Total 7337-01 · Carson Valley Conserv District | | | | | 6,484.06 | 6,484.06 |
| 7337-03 · Dayton Valley Conserv | | | | | | |
| 7337-33 · DVCD--Restoration 2017-20 EXT | | | | | | |
| Check | 07/30/2019 | 9650 | Dayton Valley Conservation District | 4/1/19-6/30/19 River Restoration Projects | 19,187.89 | 19,187.89 |
| Total 7337-33 · DVCD--Restoration 2017-20 EXT | | | | | 19,187.89 | 19,187.89 |
| Total 7337-03 · Dayton Valley Conserv | | | | | 19,187.89 | 19,187.89 |
| Total 7337-00 · Carson River Restoration | | | | | 25,671.95 | 25,671.95 |
| 7406-00 · 208 Water Quality Mgmt. Plan | | | | | | |
| 7406-03 · LID Implementation 2018-19 | | | | | | |
| Check | 07/10/2019 | 9613 | Robert Loveberg | April - June 2019; 208 LID | 3,550.00 | 3,550.00 |
| Total 7406-03 · LID Implementation 2018-19 | | | | | 3,550.00 | 3,550.00 |
| Total 7406-00 · 208 Water Quality Mgmt. Plan | | | | | 3,550.00 | 3,550.00 |
| 7433-00 · NDEP-WS Lit.Impl.-Phase 3 | | | | | | |
| Check | 07/19/2019 | 9620 | NEON Agency | INV# 1398 Logo redesign and scriptwork for video | 3,000.00 | 3,000.00 |
| Total 7433-00 · NDEP-WS Lit.Impl.-Phase 3 | | | | | 3,000.00 | 3,000.00 |
| 7434-00 · FEMA MAS #8 | | | | | | |
| 7434-01 · Dayton ADMP(JE Fuller) | | | | | | |
| Bill | 07/01/2019 | Proj... | JE Fuller Hydrology & Geomorpholo... | DV ADMP INV#P2921.01-15 (6/1-6/30/19) | 23,375.00 | 23,375.00 |
| Total 7434-01 · Dayton ADMP(JE Fuller) | | | | | 23,375.00 | 23,375.00 |
| 7434-02 · Update Floodplain Ord.(Loveberg) | | | | | | |
| Check | 07/10/2019 | 9614 | Robert Loveberg | June 2019; Floodplain Ordinance Language Update | 3,810.00 | 3,810.00 |
| Total 7434-02 · Update Floodplain Ord.(Loveberg) | | | | | 3,810.00 | 3,810.00 |
| Total 7434-00 · FEMA MAS #8 | | | | | 27,185.00 | 27,185.00 |
| 7437-00 · FEMA MAS #9 | | | | | | |
| 7437-01 · South Dayton Valley ADMP(JEF) | | | | | | |
| Check | 07/15/2019 | 9618 | JE Fuller Hydrology & Geomorpholo... | SDADMP Project P3121.01 Professional Svcs. 6/1-6/30/19 | 2,874.90 | 2,874.90 |
| Total 7437-01 · South Dayton Valley ADMP(JEF) | | | | | 2,874.90 | 2,874.90 |
| 7437-02 · North CC ADMP (MB) | | | | | | |
| Check | 07/10/2019 | 9611 | Michael Baker International, Inc. | Professional Svcs. thru June 30, 2019 | 6,276.00 | 6,276.00 |
| Total 7437-02 · North CC ADMP (MB) | | | | | 6,276.00 | 6,276.00 |
| 7437-03 · Pinenut Cr. Restudy-Remap.(HDR) | | | | | | |
| Check | 07/15/2019 | 9617 | HDR Engineering, Inc. | Pinenut Creek LOMR, Svcs. 5/26-6/29/19 | 16,581.63 | 16,581.63 |
| Check | 07/23/2019 | 9627 | HDR Engineering, Inc. | Pinenut Creek LOMR, Svcs. 6/30/19 | 18,869.90 | 35,451.53 |
| Total 7437-03 · Pinenut Cr. Restudy-Remap.(HDR) | | | | | 35,451.53 | 35,451.53 |
| 7437-04 · Flood Awareness 2019 | | | | | | |
| Check | 07/30/2019 | 9653 | cash | Hex Key Set | 6.45 | 6.45 |
| Total 7437-04 · Flood Awareness 2019 | | | | | 6.45 | 6.45 |
| Total 7437-00 · FEMA MAS #9 | | | | | 44,608.88 | 44,608.88 |
| 7500-00 · USGS Stream Gage Contract | | | | | | |
| 7500-02 · Stream Gages 2017-19 | | | | | | |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | 4th Qtr Payment 2018-19 | 19,601.34 | 19,601.34 |
| Total 7500-02 · Stream Gages 2017-19 | | | | | 19,601.34 | 19,601.34 |
| Total 7500-00 · USGS Stream Gage Contract | | | | | 19,601.34 | 19,601.34 |
| 7508-00 · USGS Do.Co.WQ & GW Monitoring | | | | | | |
| 7508-02 · DoCo WQ/GW Mon. 2017-19 | | | | | | |
| Check | 07/23/2019 | ACH | U.S. Geological Survey | 2nd, 3rd & 4th Qtr Pymts 2018-19 | 12,567.00 | 12,567.00 |
| Total 7508-02 · DoCo WQ/GW Mon. 2017-19 | | | | | 12,567.00 | 12,567.00 |
| Total 7508-00 · USGS Do.Co.WQ & GW Monitoring | | | | | 12,567.00 | 12,567.00 |
| 7524-00 · USGS-GW Lvl & WQ in Ch.Co. | | | | | | |
| 7524-02 · USGS-GW Lvl & WQ-ChCo 2018-22 | | | | | | |

For internal & discussion purposes only.

10:44 AM

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

08/08/19

Transaction Detail by Account

Accrual Basis

July 2019

| Type | Date | Num | Name | Memo | Amount | Balance |
|--|------------|------|------------------------|--|----------|----------|
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | 1,450.00 | 1,450.00 |
| Total 7524-02 · USGS-GW Lvl & WQ-ChCo 2018-22 | | | | | 1,450.00 | 1,450.00 |
| Total 7524-00 · USGS-GW Lvl & WQ in Ch.Co. | | | | | 1,450.00 | 1,450.00 |
| 7526-00 · USGS-Eagle/Dayt/Ch.Vly. 2016-20 | | | | | | |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Qtrly billing - Eagle/Dayton/Ch Vly Montioring | 3,039.00 | 3,039.00 |
| Total 7526-00 · USGS-Eagle/Dayt/Ch.Vly. 2016-20 | | | | | 3,039.00 | 3,039.00 |
| 7527-00 · USGS-Arsenic Data Collection-CV | | | | | | |
| 7527-01 · USGS-CV Arsenic Study 2018-19 | | | | | | |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | 8,318.34 | 8,318.34 |
| Total 7527-01 · USGS-CV Arsenic Study 2018-19 | | | | | 8,318.34 | 8,318.34 |
| Total 7527-00 · USGS-Arsenic Data Collection-CV | | | | | 8,318.34 | 8,318.34 |
| 7528-00 · USGS-Mercury/Arsenic/Lead Mon. | | | | | | |
| Check | 07/15/2019 | ACH | U.S. Geological Survey | Quarterly Payment | 2,666.66 | 2,666.66 |
| Total 7528-00 · USGS-Mercury/Arsenic/Lead Mon. | | | | | 2,666.66 | 2,666.66 |
| 7640-00 · Churchill County Projects | | | | | | |
| 7640-09 · Lahontan Vly.Wtr.Lvl. 2018-21 | | | | | | |
| Check | 07/30/2019 | 9651 | Churchill County | Apr.-Jun 2019 | 4,128.75 | 4,128.75 |
| Total 7640-09 · Lahontan Vly.Wtr.Lvl. 2018-21 | | | | | 4,128.75 | 4,128.75 |
| 7640-16 · Dixie Vly.Wtr.Lvl.Meas 2016-19 | | | | | | |
| Check | 07/30/2019 | 9652 | Churchill County | Apr.-Jun 2019 | 497.18 | 497.18 |
| Total 7640-16 · Dixie Vly.Wtr.Lvl.Meas 2016-19 | | | | | 497.18 | 497.18 |
| Total 7640-00 · Churchill County Projects | | | | | 4,625.93 | 4,625.93 |
| TOTAL | | | | | | |

CWSD Petty Cash Transaction Record
July 2019

| <u>Date</u> | <u>G/L No.</u> | <u>Description</u> | <u>Debits</u> | <u>Credits</u> | <u>Balance</u> |
|-------------|-----------------|---|---------------|----------------|----------------|
| | | 7/1/19 Petty Cash balance | | | \$100.00 |
| 7/9/19 | 7103-00 | Debbie Neddenriep | \$4.00 | | \$96.00 |
| | Office Supplies | Thrift Store - extension cords for office | | | |
| 7/16/19 | 7103-00 | Debbie Neddenriep | \$14.96 | | \$81.04 |
| | Office Supplies | Smith's - Misc kitchen supplies | | | |
| 7/17/19 | 7107-00 | Shane Fryer | \$11.76 | | \$69.28 |
| | Meals | Raley's - Food for 7/17/19 Board Meeting Meal | | | |
| 7/24/19 | 7103-00 | Debbie Neddenriep | \$2.58 | | \$66.70 |
| | Office Supplies | Smith's - Dish soap | | | |
| 7/24/19 | 7437-04 | Debbie Neddenriep | \$6.45 | | \$60.25 |
| | FEMA MAS 9 -FAW | Harbor Freight Tools -Hex Key Set | | | |
| 7/29/19 | 7103-00 | Catrina Schambra | \$9.06 | | \$51.19 |
| | Office Supplies | WalMart - Paper Towels | | | |
| 7/29/19 | 7103-00 | Catrina Schambra | \$5.38 | | \$45.81 |
| | Office Supplies | Alpine Lock - File Cabinet keys | | | |
| 7/30/19 | 1011-00 | Replenish Petty Cash | | \$54.19 | \$100.00 |
| | Petty Cash | Check # 9653 | | | |
| | | | | | |

Date: 7/30/19 Prepared by: C Schambra
Approved by: Edwin Jemer

:cat

AGENDA ITEM #9

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: August 21, 2019

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

DISCUSSION: CWSD has been approved to receive an additional \$2150 in funding from Nevada Department of Environmental Protection (NDEP) for the overarching 'Carson River Healthy Watershed' Campaign to be filmed and edited in Spanish. The talent we are using in the PSA is Vanessa Vancour who is bilingual, therefore, the additional funding allows for the efficient and economical filming of both English and Spanish versions while on location. Additionally, CWSD has revised the current grant budget to provide NEON Agency with \$1650 in additional contract funds to add five to seven video shoot locations, totaling 21 sites. This \$1650 in funding will be considered CWSD 'match' for the Watershed-Literacy Phase III NDEP grant and allows us to more fully show the diverse urban, rural and natural settings throughout the Carson River Watershed.

CWSD also plans to work with NEON Agency to revise the original "I Am 65% Carson River" draft campaign video. NEON Agency has provided a quote of approximately \$3500 to revise, re-film and re-edit the existing draft video to make it the drinking water focused portion of the "Carson River Healthy Watershed" Campaign. CWSD plans to fund this task and apply the funds as 'match' to the new Watershed Coordination NDEP Grant awarded in 2018.

The estimating amount for the two projects is between \$7200 - \$8000. CWSD staff is requesting the amendment to the contract does not exceed \$8000. Please see attached (#9A) Neon Agency contract amendment for details.

STAFF AND ADMINISTRATIVE COMMITTEE RECOMMENDATION: Approve amendment to Agency Agreement #2017-18 with NEON Agency as presented.

AMENDMENT TO AGENCY AGREEMENT #2017-18
Addressing Time Extension and Funding from Subconservancy District
to Neon Agency to Develop the “Carson River Healthy
Watershed Campaign”

WHEREAS, on August 24, 2017, the CARSON WATER SUBCONSERVANCY DISTRICT (hereinafter referred to "CWSD") and NEON AGENCY (hereinafter referred to as "NEON") entered into an Agency Agreement (hereinafter "Agency Agreement #2017-18") addressing funding from CWSD to NEON (Carson River Healthy Watershed Campaign"); and

WHEREAS, CWSD has received additional funding from Nevada Department of Environmental Protection (NDEP) for the Carson River Healthy Watershed Campaign; and

WHEREAS, CWSD has revised the budgets for Watershed Literacy Phase III and the Watershed Coordination NDEP grant to provide NEON with additional funding for the Carson River Healthy Watershed Campaign; and

WHEREAS, it has been determined that additional funds in the amount not to exceed \$8,000.00 be added to Agency Agreement #2017-18 with NEON.

NOW, THEREFORE IT IS AGREED:

1. An additional amount not to exceed \$8,000.00 will be provided to Agency Agreement #2017-18 with NEON.
2. All other terms of Agency Agreement #2017-18 shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Addendum on the day and year written below.

DATE: _____

NEON Agency

Randy Pease, Managing Director

DATE: _____

CARSON WATER
SUBCONSERVANCY DISTRICT

Carl Erquiaga, Chairman

DRAFT

AGENDA ITEM #10

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: AUGUST 21, 2019

SUBJECT: Agenda Item #10 – For Discussion Only: A presentation by JE Fuller on the Dayton Valley Area Drainage Master Plan.

DISCUSSION: As part of FEMA MAS #8 CWSD received funding to conduct an area drainage master plan for Dayton Valley area north of the Carson River. JE fuller will give a brief presentation on the study. Attached is the Table of Contents and Introduction of the Dayton Valley Area Drainage Master Plan report. The complete report is available on CWSD Website: Here are the links:

[Report: Dayton Valley Area Drainage Master Plan](#)

[Appendices A-B: Dayton Valley Area Drainage Master Plan](#)

[Appendices C-D: Dayton Valley Area Drainage Master Plan](#)

STAFF RECOMMENDATION: Receive and file.

FINAL DRAFT

Dayton Valley Area Drainage Master Plan

Technical Support Data Notebook



**August
2019**

prepared for
Lyon County | Storey County |
Carson Water Subconservancy District



8400 S Kyrene Rd, STE 201
Tempe, AZ 85284
www.jefuller.com

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Appendices

Appendix A – JE Fuller Hydrology Memorandum (dated August 14, 2018)

Appendix B – Digital Aerial Solutions, LLC LiDAR Reports

Appendix C – Digital Data Submittal

Appendix D – Concept Design Sheets, Construction Cost Estimates, and Life-Cycle Cost Estimates

1 INTRODUCTION

1.1 PROJECT PURPOSE

The Dayton Valley Area Drainage Master Plan (DVADMP) was developed to meet three primary objectives: First – evaluate and identify flooding and sedimentation hazards within the project area by the implementation of a work plan which includes data collection, review of previous studies, information gathering from public agencies and local residents, hydrologic and hydraulic modeling, geomorphic assessments, and field surveys. Second – develop a series of alternatives to either partially or wholly mitigate the hazards identified in the first objective. Third – provide stakeholder coordination and public outreach of the project through a series of public meetings to inform of the existing hazards and to present the mitigation alternatives.

Each major task of the project is presented herein with a description of the technical approach, analysis results, interpretation of results, and applicability to the overall project purpose. The results of this study can be used as a planning tool and as input to the design of potential future drainage infrastructure and flood mitigation measures that are appropriate for the physical environment for both existing and future development.

1.2 PROJECT LOCATION

The DVADMP study area is 68 square miles and is located on the southeastern slopes of the Virginia and Flowery Ranges, approximately 15 miles east of Carson City (Figure 1-1). Most of the study area spans Lyon and Storey Counties, with a small portion of the upper-watershed extending into Washoe County. The percent study area by county is: Storey County (60%), Lyon County (38%), and Washoe County (2%). The primary focus area of the DVADMP is the lower watershed area downstream of the mountains, also shown on Figure 1-1.

There are several unincorporated communities within the study area which are listed in Table 1-1 and shown in Figure 1-1.

Table 1-1. Communities within the study area

| Unincorporated Community | County |
|-----------------------------|--------|
| Virginia City (County Seat) | Storey |
| Gold Hill | Storey |
| Dayton | Lyon |
| Silver City | Lyon |

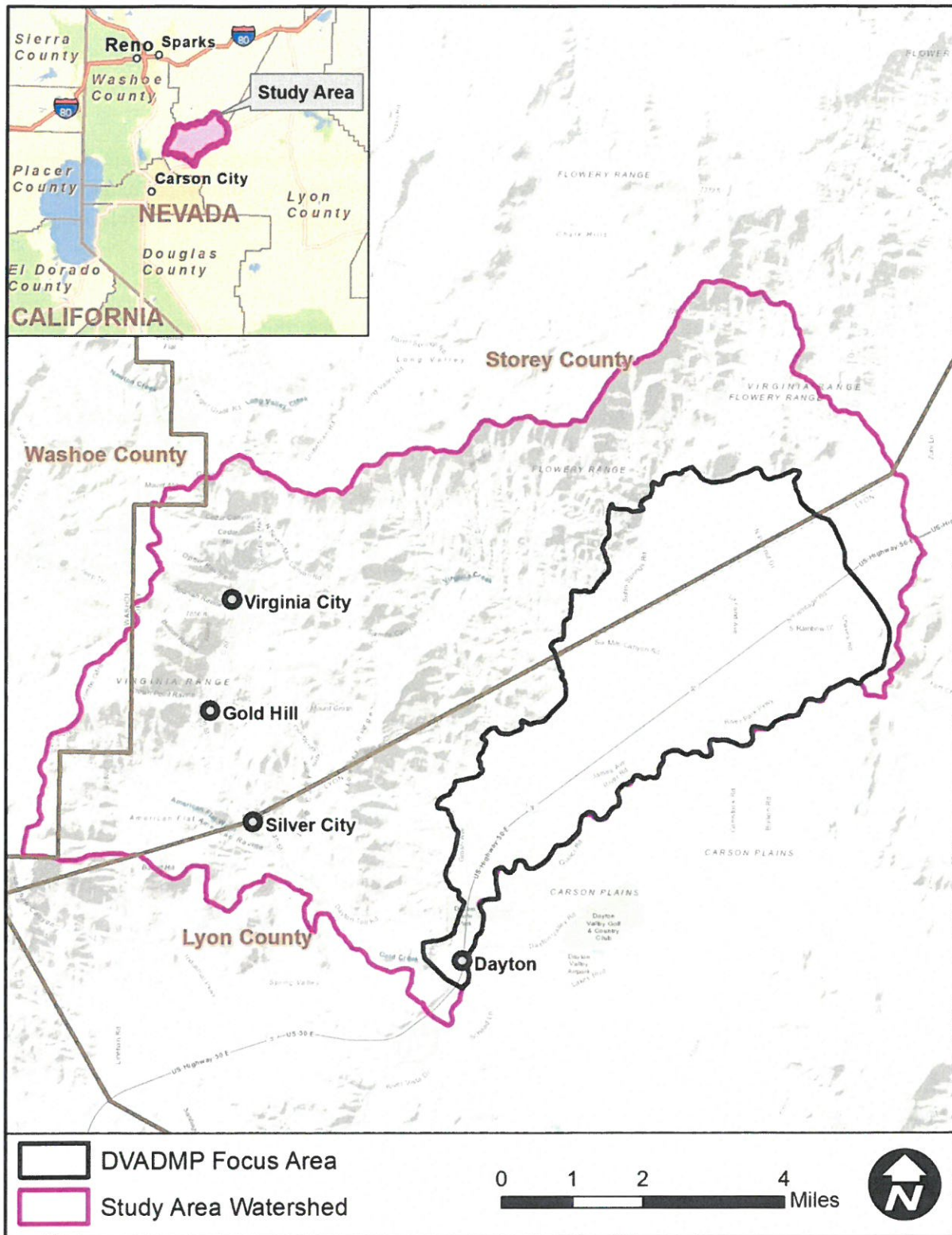


Figure 1-1. Study area vicinity map

1.3 PREVIOUS STUDIES

An early phase of the study included research and collection of previous reports and studies relevant to the ADMP area. These included drainage reports for local subdivisions, flood insurance studies (FIS), and geologic reports. A summary of the different types of reports are summarized in the following sections.

1.3.1 Subdivision Drainage Reports

Several drainage reports and drainage studies were collected from the county agencies and included information that was used directly in the development of the existing conditions hydraulic model (Section 3). The documents provided information on the location and design for drainage facilities within the individual subdivisions. All the collected drainage reports are included in the digital appendix (Appendix C). Table 1-2 lists the collected documents.

Table 1-2. Collected subdivision drainage reports

| Title | Author | Date | Subdivision |
|--|-----------------------------------|----------------|----------------------|
| Drainage Reports and Drainage Studies | | | |
| Revised Final Drainage Study for Riverpark Dunes II | TEC Civil Engineering Consultants | August 2005 | Riverpark Dunes II |
| Final Drainage Analysis for Traditions Phase 1, Unit 1, 2, 3 Revision | Capital Engineering | September 2005 | Traditions Phase 1 |
| Final Hydrologic Drainage Study for Riverpark Phase 3, Units 16-18 Residential Development | Manhard Consulting | June 2016 | Riverpark Phase 3 |
| Technical Drainage Study for the Gold Country Estates Tentative Subdivision – Map Phase 2A | Lumos & Associates, Inc. | October 2016 | Gold Country Estates |

1.3.2 Flood Insurance Studies

Federal Emergency Management Agency (FEMA) Flood Insurance Studies (FIS) for Lyon and Storey Counties were collected and reviewed for historical flooding records and regulatory discharge estimates for watercourses in the study area. Table 1-3 lists the collected studies and derived information. Although the goal of this study is not to “match” the FIS discharge estimates, they do provide a base-level comparison for the hydraulic model results (see Section 3.4). The consistency of discharges between years in Table 1-3 suggests that there has been no revision to the hydrology for FEMA regulatory studies since at least 1998.

Table 1-3. Flood Insurance Studies

| Study Date | County | DVADMP Watercourses | 10-year Discharge (cfs) | 50-year Discharge (cfs) | 100-year Discharge (cfs) |
|---------------|----------------------------|---------------------|-------------------------|-------------------------|--------------------------|
| July 1993 | Storey | No | - | - | - |
| January 1998 | Lyon | Gold Canyon Creek | 1,100 | 2,100 | 2,300 |
| | | Six Mile Canyon | 142 | 1,284 | 3,792 |
| February 2000 | Lyon | Gold Canyon Creek | 1,100 | 2,100 | 2,300 |
| | | Six Mile Canyon | 142 | 1,284 | 3,792 |
| January 2009 | Lyon | Gold Canyon Creek | 1,100 | 2,100 | 2,300 |
| | | Six Mile Canyon | 142 | 1,284 | 3,792 |
| January 2009 | Storey (current effective) | No | - | - | - |
| January 2016 | Lyon (current effective) | Gold Canyon Creek | 1,100 | 2,100 | 2,300 |
| | | Six Mile Canyon | 142 | 1,284 | 3,792 |

1.3.2.1 Effective FEMA Floodplain Mapping

As of the date of this study, Six Mile Canyon, Gold Canyon Creek, and the Carson River are the only watercourses in the study area with FEMA regulatory floodplains (Figure 1-2). Table 1-4 lists the descriptions for each flood zone within the study area. Like FIS data, FEMA floodplain mapping provides a base-level comparison of flood risk for the hydraulic modeling results from this study.

Table 1-4. FEMA flood zones within the study area

| Flood Zone | Definition | Flooding Type | Recurrence Interval |
|------------------|--|------------------------|---------------------|
| A | No base flood elevation is provided | Riverine | 1% chance |
| AE | Base flood elevation (BFE) is provided | Riverine | 1% chance |
| AE with Floodway | BFE and Floodway is provided | Riverine | 1% chance |
| AO 1, 4 | Depth 1 foot, Velocity 4 feet/second | Alluvial Fan | 1% chance |
| AO 1, 5 | Depth 1 feet, Velocity 5 feet/second | Alluvial Fan | 1% chance |
| AO 2, 7 | Depth 2 feet, Velocity 7 feet/second | Alluvial Fan | 1% chance |
| AO 3, 7 | Depth 3 feet, Velocity 7 feet/second | Alluvial Fan | 1% chance |
| AO 3, 8 | Depth 3 feet, Velocity 8 feet/second | Alluvial Fan | 1% chance |
| X | Flooding outside the SFHA | Riverine, Alluvial Fan | 0.2% chance |

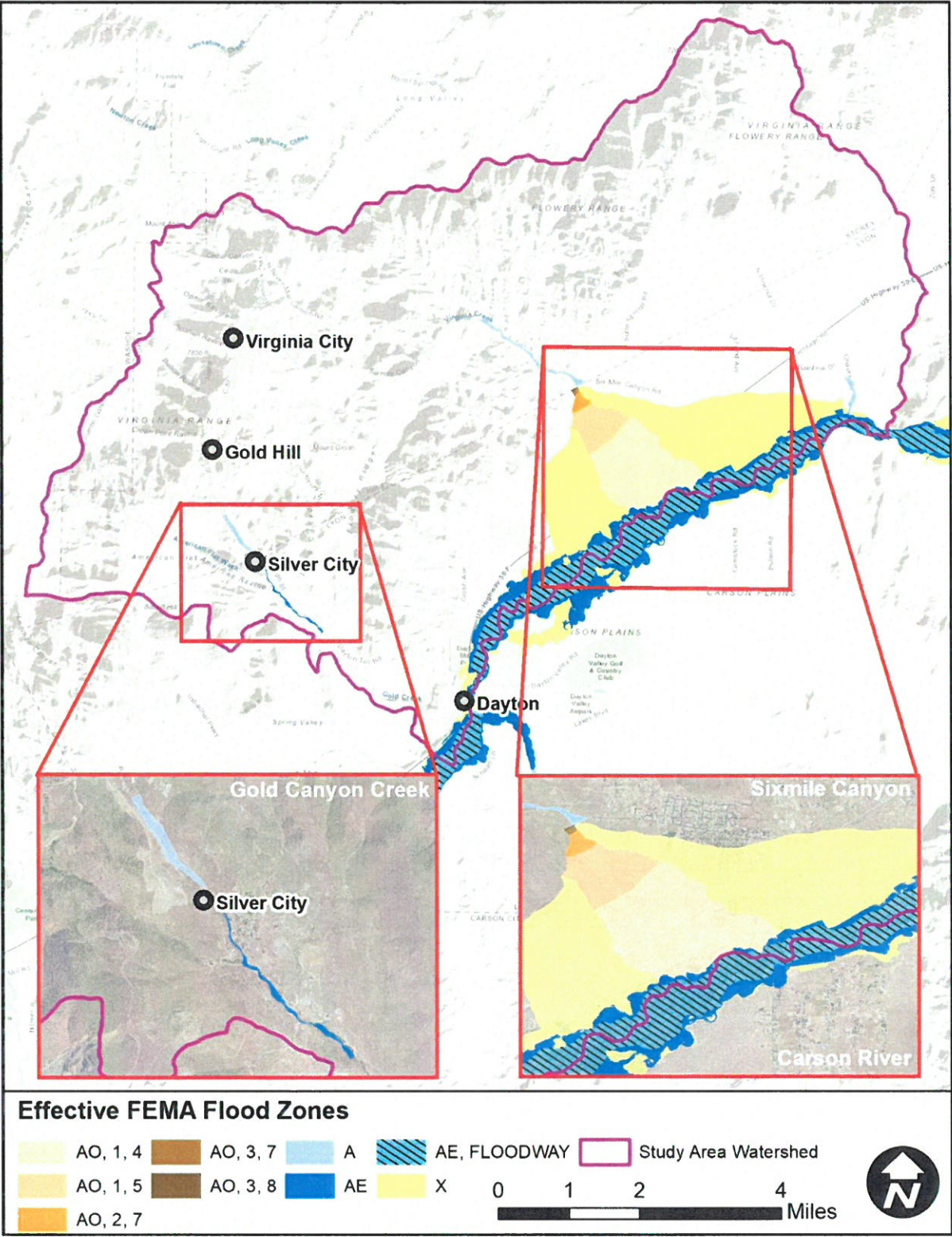


Figure 1-2. Effective FEMA Floodplains

1.3.3 U.S. Army Corps of Engineers Alluvial Fan Mapping

In December 2017 the U.S. Army Corps of Engineers (USACE), Sacramento District, published a study titled *Alluvial Fan Mapping for the Carson River Watershed Methodology* (Floyd, 2017) which included the DVADMP study area. The purpose of the mapping study was to classify the relative risk of alluvial fan landforms within the Carson River Watershed. Alluvial fan landforms were identified and assigned a risk ranking based on the following categories:

- Appearance of active or inactive
- Existence of disturbances
- Presence of infrastructure

Within each category, a series of risk factors were examined. For example, the Active/Inactive category included four risk factors:

- Soil Development
- Alluvium
- Unconfined Flow
- Incised Channels

The risk factors were assigned a relative score and summed to derive an overall hazard ranking by watershed. Figure 1-3 from the report depicts the distribution of relative risk rankings by watershed. Figure 1-4 shows the identified alluvial fan landforms within the DVADMP study area and their assigned risk.

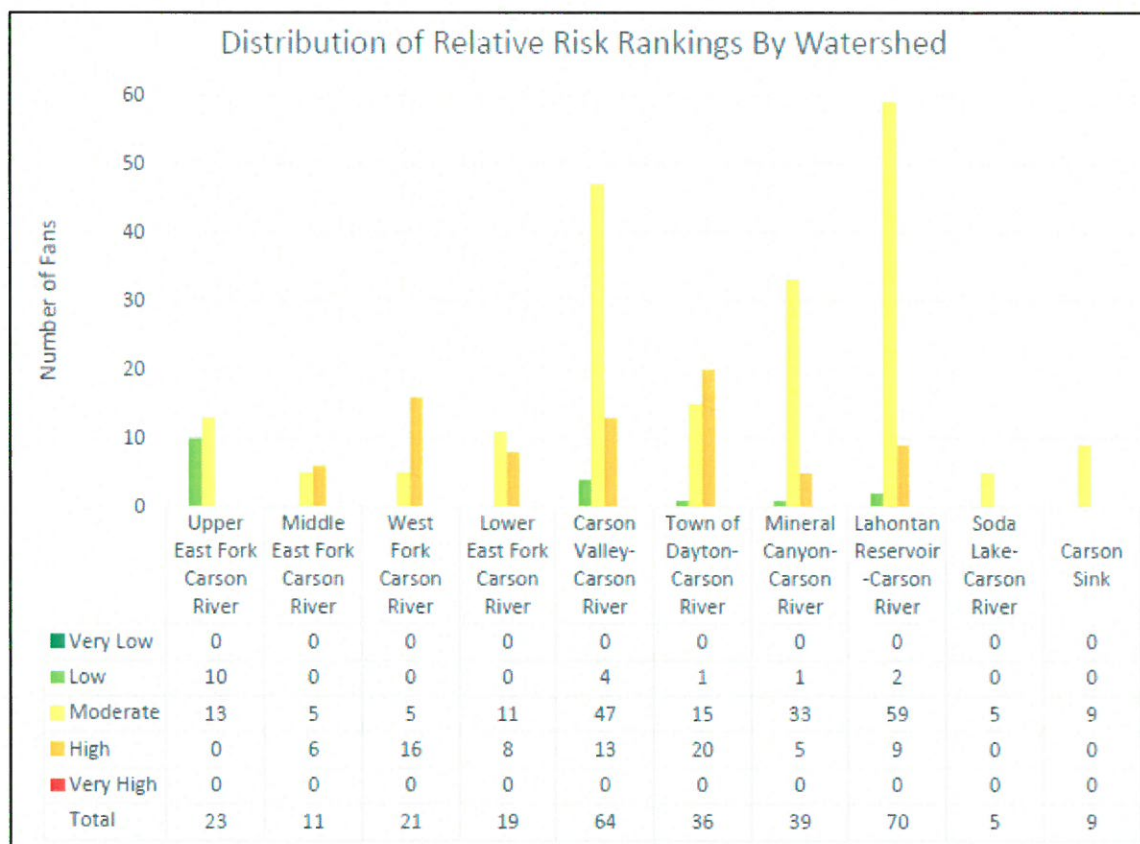


Figure 1-3. Distribution of relative risk rankings by watershed, from Floyd (2017)

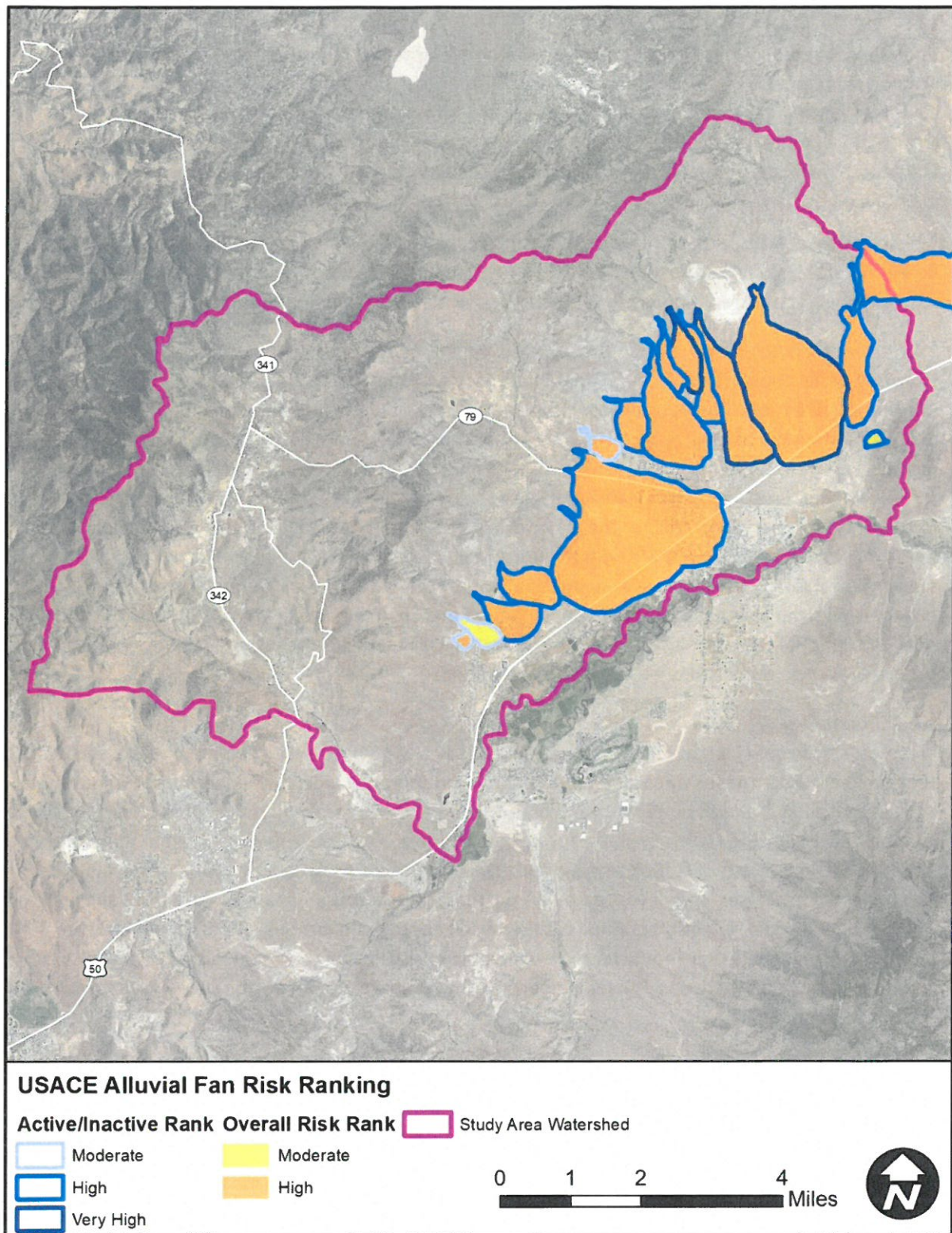


Figure 1-4. USACE alluvial fan risk ranking

1.4 HISTORICAL FLOW PATH ASSESSMENT

Understanding the historical evolution of a geomorphic system is critical to understanding present-day processes and predicting future trends. Natural systems can take hundreds of thousands of years to develop, and their morphology is a direct reflection of this long-development period. Anthropogenic changes to a natural system often result in abrupt changes that can be managed for a brief period, but quite often the disturbed system will trend back to its natural condition, despite efforts to change and maintain it.

A historical flow path assessment was conducted for the DVADMP study area to assess the natural flowpaths of the study watercourses with the goal that understanding the natural flowpaths will aid in understanding the current flooding patterns and potential future flooding trends.

1.4.1 Aerial Photography

Historical aerial photography from 1948 (earliest year available) was collected and semi-rectified using ArcGIS software tools. The natural flow paths for the project watercourses were identified and delineated from the photography. Figure 1-5 shows the 1948 aerial photography and Figure 1-6 the modern aerial photography (2017) for the ADMP focus area. The 1948 photographs pre-date much of the development within the focus area and shows the landforms in a (mostly) natural condition. The locations of the main flowpaths for the major drainage channels were interpreted and delineated from the 1948 photographs to compare with the present-day locations (Figure 1-7). The figure indicates that many of the main flowpaths have remained stable over the past 70 years. A few flowpaths have experienced significant changes due to development and channelization. Six Mile Canyon has shifted over 1,000 feet to the east since 1948. The flowpaths in the undeveloped portions of the eastern project area have remained relatively stable since 1948.

1.4.2 Summary

The most significant changes in flow path alignment since 1948 have occurred due to manmade channel realignments. Both the historical and modern aerial photography indicate evidence of distributary and active alluvial fan drainage patterns throughout the project focus area, but many of the main drainage channels have remained laterally stable for at least the past 70 years. This suggests that there may not have been a flood event of sufficient magnitude since at least 1948 to cause major channel avulsions. The major watercourses were investigated during the field verification phase of the ADMP and were not found to be incised or laterally confined within the lower project focus area. In other words there are no physical constraints that should have prevented historical channel avulsions since 1948, which further suggests that there hasn't been a flood event with sufficient energy to cause a major channel avulsion.

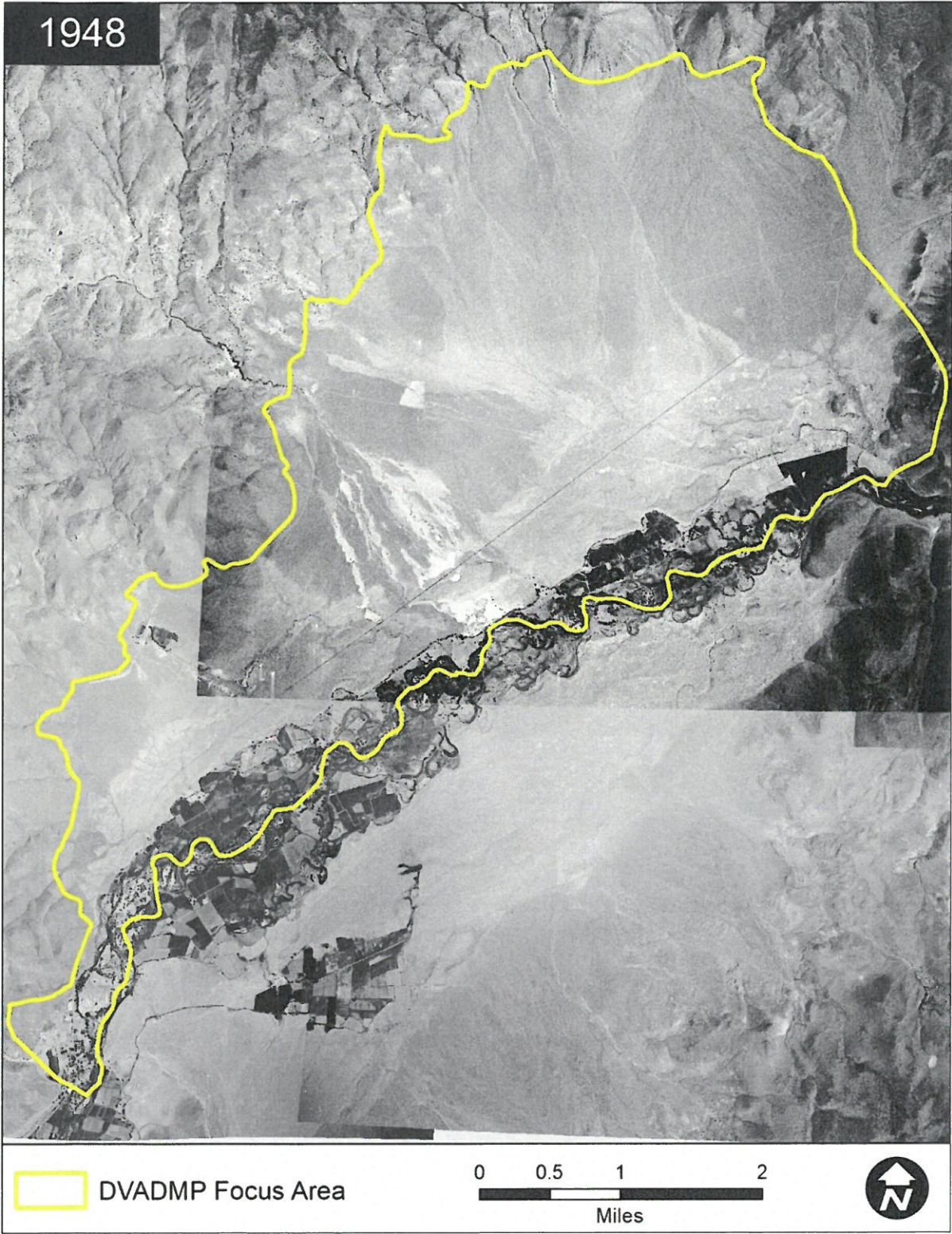


Figure 1-5. 1948 aerial photography



Figure 1-6. 2017 aerial photography

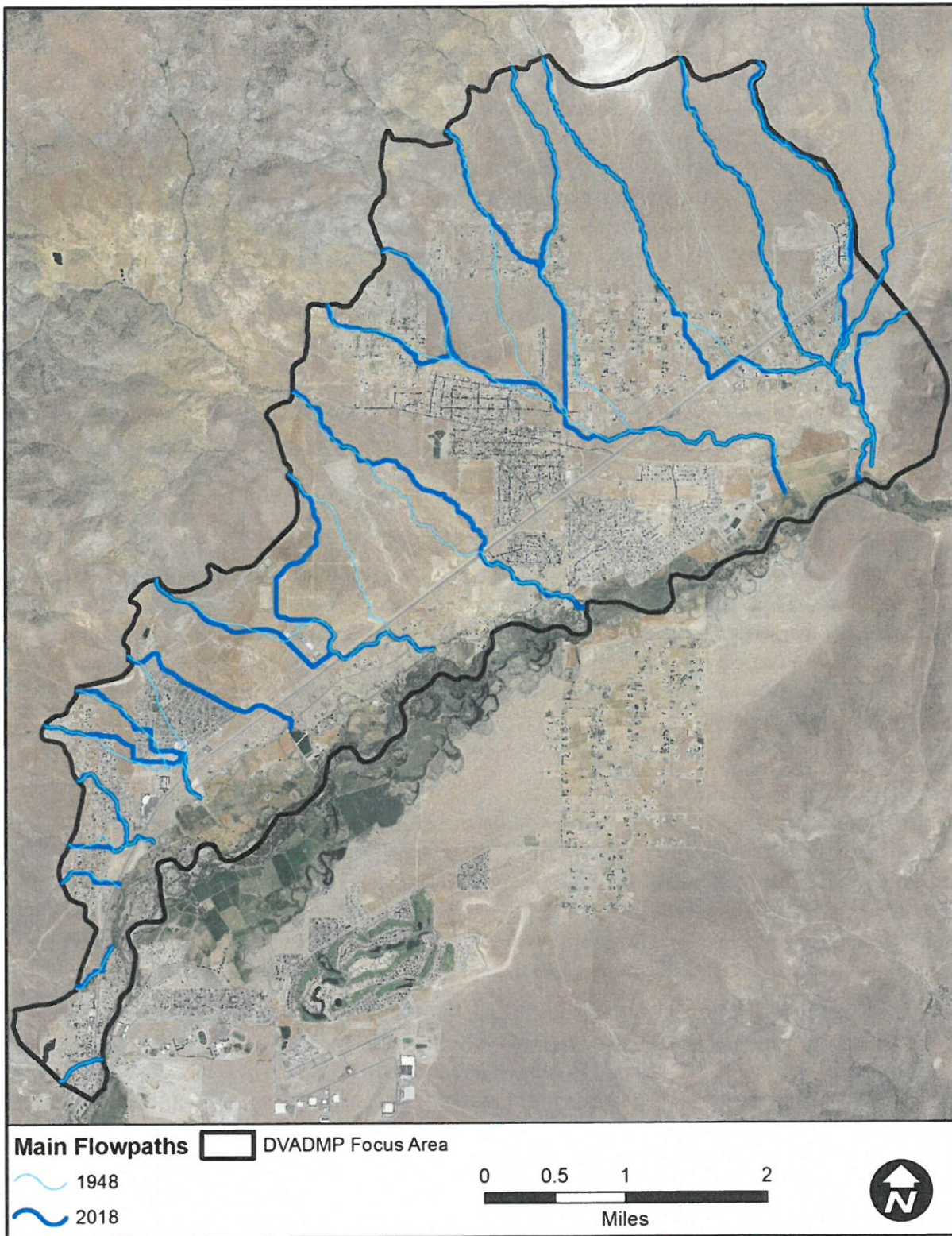


Figure 1-7. Main flowpath comparison (1948-2017)

2 PIEDMONT LANDFORMS

A piedmont is a broad, gently sloping and low relief plain located between mountain ranges and axial drainages and are part of an erosion-depositional system where sediment eroded from mountains is transported by a stream across the piedmont to a valley where it is deposited, or to an axial stream where it is transported out of the valley. Piedmont slopes range from less than 1 percent near the valley floors to more than 10 percent near the mountains. Typical piedmonts consist of pediments and relict fans on the upper slopes adjacent to the mountains and alluvial plains on the lower slopes adjacent to the valley floors or base level streams. Active alluvial fans (fans that are presently aggrading and eroding) can occur anywhere on the piedmont. Lower portions of many piedmonts consist of alluvial plains, low-relief aprons of mostly fine-grained deposits with small, discontinuous channel networks. Many piedmonts are formed by the lateral coalescence of separate alluvial fans into a landform called a bajada.

Piedmonts often have areas of tributary stream channels and distributary stream channels. Floodwater enters the piedmont in channels from the tributary mountain streams and as overland flow along the mountain front and from rainfall directly on the piedmont surface.

Active alluvial fan landforms function primarily as loci of deposition for sediment and detention and infiltration of floodwater, whereas the channels of pediments, relict fans and inactive alluvial fans function as transport corridors for sediment. Much of the deposited sediment on active alluvial fans can be remobilized by subsequent floodwater and redeposited down slope. A most significant difference between flood hazards on active alluvial fans and pediments, relict fans, and inactive alluvial fans is that paths of flow on active alluvial fans can change gradually or suddenly (avulsion) during flooding. The paths of flow on pediments, relict and inactive alluvial fans typically can be considered fixed for purposes of flood hazard assessment.

2.1 FLOWPATH UNCERTAINTY

An avulsion is the process by which flow is diverted out of an established channel into a new course on the adjacent floodplain (Slingerland & Smith, 2004). Avulsions divert flow from one channel into another, leading to a total or partial abandonment of the previous channel (Field, 2001; Bryant et. al., 1995), or may involve simple flowpath shifts in a braided or sheet flooding system (Slingerland & Smith, 2004). Avulsions are commonly associated with alluvial fan flooding, but are also known to occur on riverine systems and river deltas (Slingerland & Smith, 2004).

The occurrence of avulsions is what makes an alluvial fan “active.” Avulsions give the alluvial fan the ability to distribute water and sediment over the surface of the landform, which results in the radial “fan” shape. Avulsions influence flood hazards on an alluvial fan landforms by changing the location, concentration and severity of flooding on the fan surface. That is, an area not previously inundated by flooding (or inundated only by shallow flow) may in a subsequent flood become the locus of flood inundation, sediment deposition, and/or erosion. If an alluvial fan has no risk of avulsion, flood hazard delineation and mitigation become much simpler engineering problems, consisting only of modeling two-dimensional flow and/or normal riverine hydraulic and sedimentation issues.

The occurrence of major avulsions in an alluvial fan drainage system introduces the following complications into an engineering analysis of the flood hazard:

AGENDA ITEM #11

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: AUGUST 21, 2019

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

DISCUSSION: Ramon Naranjo and Angi Paul with the USGS will give a presentation on the water quality studies in Carson Valley related to arsenic and nitrates. CWSD has helped to fund the collection of this data.

STAFF RECOMMENDATION: Receive and file.

AGENDA ITEM #12

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: AUGUST 21, 2019

SUBJECT: Agenda Item # 12 – For Possible Action: Request from DVCD and CVCD to extend the Flood Assistance Contracts #2017-15 and #2017-16 through June 30, 2019.

DISCUSSION: In September of 2017, CWSD entered into agreements with Dayton Valley Conservation District (DVCD) and Carson Valley Conservation District (CVCD) to provide funds for them to assist ranchers with permitting and overseeing flood repairs caused by the flooding in 2017. CVCD Contract #2017-15 was for an amount not to exceed \$135,000 and DVCD Contract #2017-16 was for an amount not to exceed \$32,000. The funds were to come out of the Flood Fund Account. The termination date for both contracts was December 31, 2018. In February 2018, the Board modified the contracts to allow the funds to be used to assist ranchers with the state and federal reporting requirements. The amount and termination dates were not changed.

In July of this year, CWSD received a request for reimbursement from both DVCD and CVCD. The CVCD invoice is for the period of January 2019 to June 2019 for an amount of \$3,809.16 and the DVCD invoice is for the period of May 2019 to June 2019 for an amount of \$912.46. In reviewing the files, staff found that CWSD reimbursed DVCD for the period of January 2019 to April 2019 for an amount of \$4,039.20. This payment was made in error since the contract expired in December 31, 2018.

Attached are letters from DVCD and CVCD asking that the contracts be extended to June 30, 2019.

The total reimbursement amount for both DVCD and CVCD, if the contracts are extended, would be less than the amount approved by the Board in 2017. CVCD's total reimbursable costs would be \$31,570.84 and DVCD's total reimbursable costs would be \$8,420.94. If the Board does not approve the extension of the contracts, then staff will request that DVCD reimburse CWSD the amount of \$4,039.20 for the payment made this calendar year.

To ensure this error does not happen again, staff has prepared a list of all the current contracts with the term, total contract amount, amount paid as of June 30, 2019, and the remaining amount of the grant. Attached is the list of all the current contracts CWSD staff is administering.

STAFF RECOMMENDATION: Extend the DVCD and CVCD the Flood Assistance contracts #2017-15 and #2017-16 through June 30, 2019.

SECOND ADDENDUM TO REVISED INTERLOCAL CONTRACT #2017-15
Addressing Funding from Subconservancy District
to Carson Valley Conservation District
to Assist with Permitting and Overseeing Flood Repairs
Along the Carson River in Douglas County

WHEREAS, on October 4, 2017, the CARSON WATER SUBCONSERVANCY DISTRICT (hereinafter referred to "CWSD") and CARSON VALLEY CONSERVATION DISTRICT (hereinafter referred to as "DISTRICT") entered into an Interlocal Contract (hereinafter "Interlocal Contract #2017-15") addressing funding from CWSD to DISTRICT ('the Project"); and

WHEREAS, on February 21, 2018 Interlocal Contract #2017-15 was amended to determine how the funds could be spent; and

WHEREAS, it has been determined that Interlocal Contract #2017-15 needs to be amended to extend the contract termination date from December 31, 2018 to June 30, 2019 to allow DISTRICT the necessary time to complete this project.

NOW, THEREFORE IT IS AGREED:

1. Interlocal Contract #2017-15 is hereby amended to terminate on June 30, 2019.
2. All other terms of Interlocal Contract #2017-15 shall remain in full force and effect.

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IN WITNESS WHEREOF, the parties have executed this Addendum on the day
and year written below.

DATE_____

DATE_____

CARSON VALLEY
CONSERVATION DISTRICT

CARSON WATER
SUBCONSERVANCY DISTRICT

James Settelmeyer, Chairman

Carl Erquiaga, Chairman

ATTEST:

ATTEST:

J.B. Lekumberry, Secretary

Catrina Schambra, Secretary to the Board

SECOND ADDENDUM TO REVISED INTERLOCAL CONTRACT #2017-16
Addressing Funding from Subconservancy District
to Dayton Valley Conservation District
to Assist with Permitting and Overseeing Flood Repairs
Along the Carson River in Lyon County

WHEREAS, on September 26, 2017, the CARSON WATER
SUBCONSERVANCY DISTRICT (hereinafter referred to "CWSD") and DAYTON
VALLEY CONSERVATION DISTRICT (hereinafter referred to as "DISTRICT") entered
into an Interlocal Contract (hereinafter "Interlocal Contract #2017-16") addressing
funding from CWSD to DISTRICT ("the Project"); and

WHEREAS, on February 21, 2018 Interlocal Contract #2017-16 was amended to
determine how the funds could be spent; and

WHEREAS, it has been determined that Interlocal Contract #2017-16 needs to
be amended to extend the contract termination date from December 31, 2018 to
June 30, 2019 to allow DISTRICT the necessary time to complete this project.

NOW, THEREFORE IT IS AGREED:

1. Interlocal Contract #2017-16 is hereby amended to terminate on
June 30, 2019.
2. All other terms of Interlocal Contract #2017-16 shall remain in full force
and effect.

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/////

IN WITNESS WHEREOF, the parties have executed this Addendum on the day
and year written below.

DATE_____

DATE_____

DAYTON VALLEY
CONSERVATION DISTRICT

CARSON WATER
SUBCONSERVANCY DISTRICT

Chuck Roberts, Chairman

Carl Erquiaga, Chairman

ATTEST:

ATTEST:

Joseph Ricci, Secretary

Catrina Schambra, Secretary to the Board



July 23, 2019

Mr. Ed James
General Manager
Carson Water Subconservancy District
777 East William Street, Suite 101
Carson City, Nevada 89701

Subject: Contract extension #17-15

Dear Ed,

I am writing this letter to formally request that contract 17-15 be extended to cover costs incurred by the Carson Valley Conservation District (CVCD).

During the period of January 2019 and June 2019 CVCD assisted several agricultural producers with Pre-Construction Notification permits with the Army Corp. of Engineers. These documents were produced by staff in an effort to assist NRCS and local landowners with getting permits to do emergency flood damage repairs resulting from the two 2017 flooding events.

I was under the impression that the contract when originally modified had an extension through the end of this June.

Please contact me if you have any questions regarding this matter.

Respectfully,

Richard Wilkinson
Grant Manager/Watershed Coordinator
Carson Valley Conservation District



Dayton Valley Conservation District
P.O. Box 1807
Dayton, Nevada 89403

August 1, 2019

Mr. Ed James
Carson Water Subconservancy District
777 E. William St. , Suite 110A
Carson City, NV 89701

Re: Request for Extension Contract #2017-16

Dear Ed,

This letter is requesting an extension of Interlocal Contract #2017-16 in order to allow for retroactive payment of two billings. The extension is requested through June 30, 2019. The 2019 first quarter billing of \$4,039.20 was submitted by Dayton Valley Conservation District and paid by CWSD, the 2019 second quarter billing of \$912.46 is pending. Review of the contract revealed a termination date of December 31, 2018.

Your consideration, and the consideration of the board of the Carson Water Subconservancy District is greatly appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rob", written over the word "Sincerely,".

Robert Holley
District Manager

CWSD Current Contracts / Grants

| ACCT # | CONTRACT NAME | CWSD CONTRACT # | TERM | CONTRACT TOTAL | PAID thru 6/30/2019 | FY 2019-20 | FY 2020-2021 | FY 2021-2022 |
|----------------|--|--------------------|---------------------|--------------------|------------------------|------------------|------------------|-----------------|
| 7215-00 | Sierra Nevada Journeys- Family WS Nights | #2019-02 | 7/1/2019-6/30/2020 | \$4,477 | NEW | \$4,477 | N/A | N/A |
| 7332-05 | River Wranglers - Carson River Workdays | #2019-03 | 7/1/2019-6/30/2020 | \$26,000 | NEW | \$26,000 | N/A | N/A |
| 7337-19 | CVCD - Bioengineering (EXT #2018-10) | #2019-1 | 7/1/2018-6/30/2020 | \$50,000 | \$6,489 | \$43,511 | N/A | N/A |
| 7337-20 | CVCD - Genoa Bank Stabilizaion | #2019-04 | 7/1/2019-6/30/2020 | \$87,000 | NEW | \$87,000 | N/A | N/A |
| 7337-24 | CVCD - Bioengineering-Maint & Debris Removal | #2019-05 | 7/1/2019-6/30/2020 | \$60,000 | NEW | \$60,000 | N/A | N/A |
| 7337-33 | DVCD River Restoration (EXT #2014-8) | #2019-14 | 7/1/2014-6/30/2020 | \$370,000 | \$327,806 | \$42,194 | N/A | N/A |
| 7337-34 | DVCD - Bank Stabilization Project | #2019-12 | 7/1/2019-6/30/2020 | \$90,000 | NEW | \$90,000 | N/A | N/A |
| 7337-42 | LCD - Channel Clearing | #2019-06 | 7/1/2019-6/30/2020 | \$25,000 | NEW | \$25,000 | N/A | N/A |
| 7337-91 | CVCD - Cradlebaugh Phase 1 (EXT #2018-11) | #2019-15 | 7/1/2018-6/30/2020 | \$100,000 | \$18,394 | \$81,606 | N/A | N/A |
| 7404-01 | Noxious Weed Control- Alpine County | ANNUAL | 7/1/2019-6/30/2020 | \$15,000 | NEW | \$15,000 | N/A | N/A |
| 7404-02 | Noxious Weed Control- Douglas County | ANNUAL | 7/1/2019-6/30/2020 | \$15,000 | NEW | \$15,000 | N/A | N/A |
| 7404-03 | Noxious Weed Control- Carson City | ANNUAL | 7/1/2019-6/30/2020 | \$15,000 | NEW | \$15,000 | N/A | N/A |
| 7404-04 | Noxious Weed Control- Lyon County | ANNUAL | 7/1/2019-6/30/2020 | \$15,000 | NEW | \$15,000 | N/A | N/A |
| 7404-05 | Noxious Weed Control- Churchill County | ANNUAL | 7/1/2019-6/30/2020 | \$15,000 | NEW | \$15,000 | N/A | N/A |
| 7437-41 | River Wranglers - Flood Awareness | #2019-13 | 7/1/2019-6/30/2020 | \$7,580 | NEW | \$7,580 | N/A | N/A |
| 7500-03 | USGS Stream Flow Gauges | JFA#127 | 7/1/2019-6/30/2021 | \$156,810 | NEW | \$78,405 | \$78,405 | N/A |
| 7508-03 | USGS DoCo WQ/GW Mon. | JFA#128 | 7/1/2019-6/30/2021 | \$33,780 | NEW | \$16,890 | \$16,890 | N/A |
| 7524-02 | USGS GW Lvl & WQ ChCo | JFA#134 | 7/1/2018-6/30/2022 | \$23,220 | \$5,758 | \$5,800 | \$5,860 | \$5,930 |
| 7526-00 | USGS Eagle/Dayton/ChVly Mon | JFA#139 | 10/1/2016-6/30/2020 | \$67,735 | \$51,766 | \$15,969 | N/A | N/A |
| 7600-11 | AWG - Upper WS Programs | #2019-07 | 7/1/2019-6/30/2020 | \$25,000 | NEW | \$25,000 | N/A | N/A |
| 7620-16 | CC - Reuse Master Plan | #2019-10 | 7/1/2019-6/30/2020 | \$50,000 | NEW | \$50,000 | N/A | N/A |
| 7620-17 | CC - Mexican Dam Portage Construction | #2019-11 | 7/1/2019-6/30/2020 | \$25,000 | NEW | \$25,000 | N/A | N/A |
| 7640-09 | Churchill County Lahontan Water Level | #2018-13 | 7/1/2018-6/30/2021 | \$56,000 | \$16,297 | \$18,000 | \$20,000 | N/A |
| 7640-17 | TCID - Repairs to Carson Diversion Dam | #2019-09 | 7/1/2019-6/30/2020 | \$50,000 | NEW | \$50,000 | N/A | N/A |
| 7640-18 | Churchill County - Dixie Valley Water Level Mont | #2019-08 | 7/1/2019-6/30/2022 | \$65,000 | NEW | \$21,000 | \$21,000 | \$23,000 |
| 7438-01 | Lumos Agreement (BOR Water Marketing Study) | #2019-16 | 7/1/2019-6/30/2021 | \$150,000 | NEW | \$75,000 | \$75,000 | N/A |
| 7114-00 | Orange Tree Agreement (MATCH -charged to Outside Professional Svcs.) | #2019-17 | 7/1/2019-12/31/2019 | \$9,850 | NEW | \$9,850 | N/A | N/A |
| TOTALS: | | | | \$1,607,452 | \$426,509 | \$848,432 | \$217,155 | \$28,930 |

| Acct# | GRANT NAME | TERM | CONTRACT TOTAL | Rec'd thru 6/30/2019 | FY 2019-20 | FY 2020-2021 | FY 2021-2022 |
|----------------|---|----------------------|--------------------|-------------------------|------------------|------------------|------------------|
| 5096-00 | NFWF Weed Management | 3/1/2016-12/31/2019 | \$83,612 | \$32,068 | \$51,544 | N/A | N/A |
| 6004-00 | Bureau of Reclamation (BOR) | 6/27/2019-6/30/2021 | \$150,000 | NEW | \$70,000 | \$80,000 | N/A |
| 6000-00 | FEMA MAS 8 | 9/1/2017-8/31/2019 | \$403,360 | \$338,545 | \$64,815 | N/A | N/A |
| 6003-00 | FEMA MAS 9 | 9/1/2018-8/31/2020 | \$649,809 | \$189,215 | \$411,594 | \$49,000 | N/A |
| 6005-00 | FEMA MAS 10 | 8/1/19-7/29/2022 | \$645,600 | NEW | \$150,000 | \$450,600 | \$45,000 |
| 5050-12 | NDEP Watershed Coordinator III (Ends Feb 2020) | 12/15/2017-6/30/2020 | \$162,840 | \$114,590 | \$48,250 | N/A | N/A |
| 5050-13 | NDEP Watershed Coordinator IV (NEW Grant Dec 2019-2021) | 7/1/2019-6/30/2022 | \$244,660 | NEW | \$45,000 | \$100,000 | \$99,660 |
| 5099-00 | NDEP Watershed Literacy 3 (Ends Dec 2019) | 1/17/2017-12/31/2019 | \$126,855 | \$81,108 | \$45,747 | N/A | N/A |
| TOTALS: | | | \$2,466,736 | \$755,526 | \$886,950 | \$679,600 | \$144,660 |

AGENDA ITEM #13

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: August 21, 2019

SUBJECT: Agenda Item #13 – For Discussion Only: Presentation on the draft Watershed Literacy Program

DISCUSSION: For the past several months CWSD staff have been developing and leading the process to revise the Watershed Awareness Campaign. By working with our partners at NDEP, the Education Working Group (CRC) and The Neon Agency, an agreed upon campaign has been established. A script is now close to final and the new campaign logo has been revamped. Brenda Hunt will give an overview of the Watershed Awareness Campaign.

STAFF RECOMMENDATION: Receive and file.

AGENDA ITEM #14

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: August 21, 2019

SUBJECT: Agenda 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.

DISCUSSION: CWSD recently received news that FEMA has approved MAS #10 funding. One of the projects included in MAS #10 is to address the comments submitted by FEMA's review team on the flood model for the Carson Valley (see attached letter). Attached is the draft Contract, Scope of Services, and the Terms and Conditions for the project.

STAFF RECOMMENDATION: Approve the agreement with HDR Engineering to update the Carson Valley Flood Model in an amount not to exceed \$21,500.

**SHORT FORM AGREEMENT BETWEEN OWNER AND
HDR ENGINEERING, INC. FOR PROFESSIONAL SERVICES
AGREEMENT NUMBER _____**

THIS AGREEMENT is made as of this _____ day of _____, 20____, between _Carson Water Subconservancy District (“OWNER”), with principal offices at 777 E. William St., Suite 110A, and HDR ENGINEERING, INC., (“ENGINEER” or “CONSULTANT”) for services in connection with the project known as (MAS #4 Carson Valley Flood Model) (“Project”);

WHEREAS, OWNER desires to engage ENGINEER to provide professional engineering, consulting and related services (“Services”) in connection with the Project; and

WHEREAS, ENGINEER desires to render these Services as described in SECTION I, Scope of Services.

NOW, THEREFORE, OWNER and ENGINEER in consideration of the mutual covenants contained herein, agree as follows:

SECTION I. SCOPE OF SERVICES

ENGINEER will provide Services for the Project, which consist of the Scope of Services as outlined on the attached Exhibit A.

SECTION II. TERMS AND CONDITIONS OF ENGINEERING SERVICES

The HDR Engineering, Inc. Terms and Conditions, which are attached hereto in Exhibit B, are incorporated into this Agreement by this reference as if fully set forth herein.

SECTION III. RESPONSIBILITIES OF OWNER

The OWNER shall provide the information set forth in paragraph 6 of the attached “HDR Engineering, Inc. Terms and Conditions for Professional Services.”

SECTION IV. COMPENSATION

Compensation for ENGINEER’S services under this Agreement shall be on the basis of lump sum. The amount of the lump sum is twenty thousand nine hundred forty-five Dollars (\$21,500).

The amount of any sales tax, excise tax, value added tax (VAT), or gross receipts tax that may be imposed on this Agreement shall be added to the ENGINEER’S compensation as Reimbursable Expenses.

Compensation terms are defined as follows:

Lump Sum shall mean a fixed amount which shall be the total compensation agreed upon in advance for Scope of Services.

Percentage shall mean a percentage of the actual construction cost designed plus additive change orders. This shall be the total compensation for Scope of Services.

SECTION V. PERIOD OF SERVICE

Upon receipt of written authorization to proceed, ENGINEER shall perform the services described in Exhibit A.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first written above.

"OWNER"

BY: _____

NAME: _____

TITLE: _____

ADDRESS: _____

HDR ENGINEERING, INC.

"ENGINEER"

BY: _____

NAME: _____

TITLE: _____

ADDRESS: _____

Exhibit A Scope of Services

1. Project management

- a. **Project Setup:** HDR personnel will conduct management activities related to the initiation of the project. These activities will include contract initiation, preliminary project review, and project document setup.
- b. **Invoicing & Progress Reports:** Schedule and budget progress will be reported through submission of monthly invoices. Invoices will be accompanied by brief progress reports.
- c. **Coordination:** HDR's Project Manager will work with CWSD to facilitate regular communication and transfer of information with the project team. Douglas County Staff will be included in these team meetings as the local community member.

2. Hydrology

- a. **Basin Delineation:** HDR Staff will review and refine the National Hydrologic Dataset (NHD) watershed basins for the 18 tributaries used as flow inputs for the Regional Douglas County Carson River Model (Regional Model).
- b. **GIS Data Extraction:** HDR staff will use GIS capabilities and available USGS DEM data to extract the information below for each of the 18 tributary watersheds.
 - i. Drainage Area
 - ii. Mean Basin Elevation
 - iii. Latitude
- c. **Peak Flow Determination:** HDR Staff will use the information developed in Task 2b to estimate peak flows for the frequencies listed below. The 1997 USGS publication "Methods for Estimating Magnitude and Frequency of Floods in the Southwestern United States" outlines a regional regression method included in FEMA's approved hydrologic analyses and will be used for this task.

Flood frequencies to be analyzed include:

- i. 2
 - ii. 5-year
 - iii. 10-year
 - iv. 25-year
 - v. 50-year
 - vi. 100-year
- d. **Compare estimates to current model tributary flows:** HDR Staff will look at the regional regression flows from Task 2c to determine the appropriateness of current model hydrologic inputs.

3. Hydraulics

- a. **Revise model for missing Levee Scenarios:** HDR will conduct a series of model runs where specific non-FEMA compliant levees will be removed in sequence to determine worst case scenario floodplain boundaries. The levees being removed have been pre-determined by the STAR team reviewers as part of the January 25th, 2019 round of comments. It is assumed that this series of runs will result in compliance with FEMA's Levee Analysis and Mapping Procedures. The proposed model runs are listed below:
 - i. Remove 395, all else intact (1 Run)

- ii. Remove levees 0 – 10 sequentially, all else intact (11 runs)

4. Mapping

- a. **Combine worst case scenario maps from 12 model runs:** HDR Staff will use GIS capabilities to combine the floodplain extents results from the 12 model runs listed in Task 3a to get a worst case scenario floodplain.
- b. **Revise Floodway Maps to represent existing effective floodways:** It was decided by the CWSD and Douglas County, NV, that due to the complexity of two dimensional floodway modeling, the floodways would remain identical to the current mapped effective floodways. HDR will incorporate these floodways into the revised maps.
- c. **Revise Work Maps and Annotated FIRMS:** HDR Staff will revise both the work maps and annotated FIRMS to reflect the new composite floodplain.
- d. **Revise digital submittal data:** Digital ESRI shape files will be revised to reflect the changes in the floodplain boundary. These files will be formatted according to FEMA guidance and re-submitted to the STAR team for final review and acceptance. It is assumed that these data will NOT be submitted through the MIP system for ease of submission.

5. Reporting

- a. **Revise TSDN to describe changes:** Slight revisions to the February 2017 TSDN submittal will be made as an addendum describing the process above and the changes to the floodplain mapping.

HDR Engineering, Inc. Terms and Conditions for Floodplain, Dams and Levee Professional Services

1. STANDARD OF PERFORMANCE

Notwithstanding any other provision of any contract term between the ENGINEER and the OWNER, the standard of care for all professional engineering, consulting and related services performed or furnished by ENGINEER and its employees under this Agreement will be the care and skill ordinarily used by members of ENGINEER's profession practicing under the same or similar circumstances at the same time and in the same locality. ENGINEER makes no warranties, express or implied, under this Agreement or otherwise, in connection with ENGINEER's services.

ENGINEER and OWNER agree that no other party is an intended or unintended third-party beneficiary of this contract, and that ENGINEER's duties run solely to OWNER.

2. INSURANCE/INDEMNITY

ENGINEER agrees to procure and maintain, at its expense, Workers' Compensation insurance as required by statute; Employer's Liability of \$250,000; Automobile Liability insurance of \$1,000,000 combined single limit for bodily injury and property damage covering all vehicles, including hired vehicles, owned and non-owned vehicles; Commercial General Liability insurance of \$1,000,000 combined single limit for personal injury and property damage; and Professional Liability insurance of \$1,000,000 per claim for protection against claims arising out of the performance of services under this Agreement caused by negligent acts, errors, or omissions for which ENGINEER is legally liable. OWNER shall be made an additional insured on Commercial General and Automobile Liability insurance policies and certificates of insurance will be furnished to the OWNER. ENGINEER agrees to indemnify OWNER for third party personal injury and property damage claims to the extent caused by ENGINEER's negligent acts, errors or omissions. However, neither Party to this Agreement shall be liable to the other Party for any special, incidental, indirect, or consequential damages (including but not limited loss of use or opportunity; loss of good will; cost of substitute facilities, goods, or services; cost of capital; and/or fines or penalties), to loss of profits or revenue arising out of, resulting from, or in any way related to the project or the Agreement from any cause or causes, including but not limited to any such damages caused by the negligence, errors or omissions, strict liability or breach of contract.

3. OPINIONS OF PROBABLE COST (COST ESTIMATES)

Any opinions of probable project cost or probable construction cost provided by ENGINEER are made on the basis of information available to ENGINEER and on the basis of ENGINEER's experience and qualifications, and represents its judgment as an experienced and qualified professional engineer. However, since ENGINEER has no control over the cost of labor, materials, equipment or services furnished by others, or over the contractor(s)' methods of determining prices, or over competitive bidding or market conditions, ENGINEER does not guarantee that proposals, bids or actual project or construction cost will not vary from opinions of probable cost ENGINEER prepares.

4. CONSTRUCTION PROCEDURES

ENGINEER's observation or monitoring portions of the work performed under construction contracts shall not relieve the contractor from its responsibility for performing work in accordance with applicable contract documents. ENGINEER shall not control or have charge of, and shall not be responsible for, construction means, methods, techniques, sequences, procedures of construction, health or safety programs or precautions connected with the work and shall not manage, supervise, control or have charge of construction. ENGINEER shall not be responsible for the acts or omissions of the contractor or other parties on the project. ENGINEER shall be entitled to review all construction contract documents and to require that no provisions extend the duties or liabilities of ENGINEER beyond those set forth in this Agreement. OWNER agrees to include ENGINEER as an indemnified party in OWNER's construction contracts for the work, which shall protect ENGINEER to the same degree as OWNER. Further, OWNER agrees that ENGINEER shall be listed as an additional insured under the construction contractor's liability insurance policies.

5. CONTROLLING LAW

This Agreement is to be governed by the law of the state where ENGINEER's services are performed.

6. OWNER-PROVIDED SERVICES AND INFORMATION

OWNER will provide all criteria and information pertaining to the project in OWNER's possession, and any requirements or budgetary limitations. The OWNER agrees to bear full responsibility for the technical accuracy and content of OWNER-furnished documents, information and services.

In performing services hereunder, it is understood by OWNER that ENGINEER is not engaged in rendering any type of legal, insurance or accounting services, opinions or advice. Further, it is the OWNER's sole responsibility to obtain the advice of an attorney, insurance counselor or accountant to protect the OWNER's legal and financial interests.

7. SUCCESSORS AND ASSIGNS

OWNER and ENGINEER, respectively, bind themselves, their partners, successors, assigns, and legal representatives to the covenants of this Agreement. Neither OWNER nor ENGINEER will assign, sublet, or transfer any interest in this Agreement or claims arising therefrom without the written consent of the other.

8. RE-USE OF DOCUMENTS

~~All documents, including all reports, drawings, specifications, computer software or other items prepared or furnished by ENGINEER pursuant to this Agreement, are instruments of service with respect to the project. ENGINEER retains ownership of all such documents. OWNER may retain copies of the documents for its information and reference in connection with the project; however, none of the documents are intended or represented to be suitable for reuse by OWNER or others on extensions of the project or on any other project. Any reuse without written verification or adaptation by ENGINEER for the specific purpose intended will be at OWNER's sole risk and without liability or legal exposure to ENGINEER, and OWNER will defend, indemnify and hold harmless ENGINEER from all claims, damages, losses and expenses, including attorney's fees, arising or resulting therefrom. Any such verification or adaptation will entitle ENGINEER to further compensation at rates to be agreed upon by OWNER and ENGINEER. Any reuse of documents provided by ENGINEER without written verification or adaptation by ENGINEER for the specific purpose intended will be at OWNER's sole risk and without liability or legal exposure to ENGINEER.~~

9. TERMINATION OF AGREEMENT

OWNER or ENGINEER may terminate the Agreement, in whole or in part, by giving seven (7) days written notice, if the other party substantially fails to fulfill its obligations under the Agreement through no fault of the terminating party. Where the method of payment is "lump sum," or cost reimbursement, the final invoice will include all services and expenses associated with the project up to the effective date of termination. An equitable adjustment shall also be made to provide for termination settlement costs ENGINEER incurs as a result of commitments that had become firm before termination, and for a reasonable profit for services performed.

10. SEVERABILITY

If any provision of this agreement is held invalid or unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term or condition shall not be construed by the other party as a waiver of any subsequent breach of the same provision, term or condition.

11. INVOICES

ENGINEER will submit monthly invoices for services rendered and OWNER will make prompt payments in response to ENGINEER's invoices.

ENGINEER will retain receipts for reimbursable expenses in general accordance with Internal Revenue Service rules pertaining to the support

of expenditures for income tax purposes. Receipts will be available for inspection by OWNER's auditors upon request.

If OWNER disputes any items in ENGINEER's invoice for any reason, including the lack of supporting documentation, OWNER may temporarily delete the disputed item and pay the remaining amount of the invoice. OWNER will promptly notify ENGINEER of the dispute and request clarification and/or correction. After any dispute has been settled, ENGINEER will include the disputed item on a subsequent, regularly scheduled invoice, or on a special invoice for the disputed item only.

OWNER recognizes that late payment of invoices results in extra expenses for ENGINEER. ENGINEER retains the right to assess OWNER interest at the rate of one percent (1%) per month, but not to exceed the maximum rate allowed by law, on invoices which are not paid within thirty (30) days from the date of the invoice. In the event undisputed portions of ENGINEER's invoices are not paid when due, ENGINEER also reserves the right, after seven (7) days prior written notice, to suspend the performance of its services under this Agreement until all past due amounts have been paid in full.

12. CHANGES

The parties agree that no change or modification to this Agreement, or any attachments hereto, shall have any force or effect unless the change is reduced to writing, dated, and made part of this Agreement. The execution of the change shall be authorized and signed in the same manner as this Agreement. Adjustments in the period of services and in compensation shall be in accordance with applicable paragraphs and sections of this Agreement. Any proposed fees by ENGINEER are estimates to perform the services required to complete the project as ENGINEER understands it to be defined. For those projects involving conceptual or process development services, activities often are not fully definable in the initial planning. In any event, as the project progresses, the facts developed may dictate a change in the services to be performed, which may alter the scope. ENGINEER will inform OWNER of such situations so that changes in scope and adjustments to the time of performance and compensation can be made as required. If such change, additional services, or suspension of services results in an increase or decrease in the cost of or time required for performance of the services, an equitable adjustment shall be made, and the Agreement modified accordingly.

13. CONTROLLING AGREEMENT

These Terms and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, purchase order, requisition, notice-to-proceed, or like document. In resolving inconsistent or contradictory provisions between this Agreement and any other document or understanding, the terms of these Terms and Conditions shall control.

14. EQUAL EMPLOYMENT AND NONDISCRIMINATION

In connection with the services under this Agreement, ENGINEER agrees to comply with the applicable provisions of federal and state Equal Employment Opportunity for individuals based on color, religion, sex, or national origin, or disabled veteran, recently separated veteran, other protected veteran and armed forces service medal veteran status, disabilities under provisions of executive order 11246, and other employment, statutes and regulations, as stated in Title 41 Part 60 of the Code of Federal Regulations § 60-1.4 (a-f), § 60-300.5 (a-e), § 60-741 (a-e).

15. CERTIFICATIONS

The use of the word "certify" or "certification" by a registered professional engineer in the practice of professional engineering or land surveying constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied. Certification of analyses is a statement that the analyses have been performed correctly and in accordance with sound engineering practices. Certification of structural works is a statement that the works are designed in accordance with sound engineering practices and OWNER approved design loads. Certification of "as built" conditions is a statement that the structure(s) has been built according to specifically identified drawings, specifications and contract documents to the extent the structure(s) is readily observable, is in

place, and is fully functioning. The definition and legal effect of any and all certifications shall be limited as stated herein.

16. EXECUTION

This Agreement, including the exhibits and schedules made part hereof, constitute the entire Agreement between ENGINEER and OWNER, supersedes and controls over all prior written or oral understandings. This Agreement may be amended, supplemented or modified only by a written instrument duly executed by the parties.

17. ALLOCATION OF RISK

OWNER AND ENGINEER HAVE EVALUATED THE RISKS AND REWARDS ASSOCIATED WITH THIS PROJECT, INCLUDING ENGINEER'S FEE RELATIVE TO THE RISKS ASSUMED, AND AGREE TO ALLOCATE CERTAIN OF THE RISKS, SO, TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL AGGREGATE LIABILITY OF ENGINEER (AND ITS RELATED CORPORATIONS, SUBCONSULTANTS AND EMPLOYEES) TO OWNER AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE LESSER OF \$1,000,000 OR ITS FEE, FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF ENGINEER'S SERVICES OR THIS AGREEMENT REGARDLESS OF CAUSE(S) OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, OR OTHER RECOVERY.

18. LITIGATION SUPPORT

In the event ENGINEER is required to respond to a subpoena, government inquiry or other legal process related to the services in connection with a legal or dispute resolution proceeding to which ENGINEER is not a party, OWNER shall reimburse ENGINEER for reasonable costs in responding and compensate ENGINEER at its then standard rates for engineering services when gathering information and documents and shall pay ENGINEER its standard rates for providing expert witness services when attending depositions, hearings, and trial.

If ENGINEER is made a party to any litigation concerning OWNER's flood control structures, OWNER shall reimburse ENGINEER for all costs of defense pending a final determination of ENGINEER's professional liability. If ENGINEER is found by a court of competent jurisdiction to have been negligent, ENGINEER shall reimburse OWNER the costs of defense paid by OWNER, and shall satisfy any judgment up to ENGINEER's limitation of liability. Any amount in excess of ENGINEER's limitation of liability shall be paid by OWNER.

19. MAINTENANCE OF STRUCTURES AND SYSTEMS

~~OWNER agrees that structures and systems studied, reviewed, analyzed or designed by the ENGINEER are dependent upon OWNER's continued operation and maintenance of the project structures and systems in accordance with all permits, laws and regulations that permit the construction and operation of the structures and systems, including any Engineer prepared operations and maintenance plans. Should OWNER fail to maintain the structures to be in full compliance with permits, approvals, and operations and maintenance plans, ENGINEER shall have no liability to OWNER, and OWNER shall indemnify, release and hold ENGINEER and its employees harmless from any liability resulting from any direct or consequential damage resulting from such non-compliance, including but not limited to claims made by third parties against ENGINEER.~~

20. VISUAL INSPECTIONS

~~For visual inspections, OWNER hereby releases, holds harmless, indemnifies and agrees to defend ENGINEER against any claims, damages, losses, liabilities, expenses or costs arising out of any failure to detect hidden, covered, inaccessible, or internal structural or material defects, corrosion, or damages in components, embedment, reinforcing, anchorages and parts of equipment, structures, or mechanisms being inspected, that are not readily discernible by external visual inspection through reasonable efforts.~~

21. ACT OF GOD DISCLAIMER

~~Prevailing science and understanding of natural forces including, but not limited to, flood, rain, temperature, earthquakes and wind indicates a dynamic and non-stationary system of potential loads. The Owner acknowledges and accepts all liability for the selection of appropriate return intervals and selection of extreme natural events for the use in the design of the dam, levee or flood control system. Owner~~

acknowledges they have taken into account the impacts of the various natural events when selecting the design criteria for the project.

DRAFT

STAFF REPORTS

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: August 21, 2019

SUBJECT: Agenda Item #15 - For Information Only: Staff Report

DISCUSSION: The following is a list of meetings/activities attended by Ed James and staff since the last Board meeting on July 17, 2019:

- 7/18/19 – Ed, Shane and Brenda met with NDEP regarding the “Carson River Healthy Watershed” campaign
- 7/19/19 – Ed and Catrina met with Patrick King regarding standardized contract language for future CWSD agreements
- 7/23/19 – Ed met with Water Purveyors and Sewer Managers in Douglas County
- 7/24/19 – Ed held meeting with USGS regarding stream flow program
- 7/24/19 – Ed, Brenda & Debbie participated in conference call meeting with USACE regarding alluvial fans
- 7/24/19 – Ed attended NNDA Legislative Update meeting
- 7/24/19 – Ed attended meeting with State Engineer in Reno.
- 7/25/19 – Staff meeting: Ed, Catrina, Debbie, Shane, Brenda & Loren
- 7/26/19 – Ed, Shane and Loren inspected and measured Lost Lakes
- 7/27/19 – Debbie and Loren demonstrated Flood Model during Safety Day at Fuji Park in Carson City
- 7/29/19 – Brenda, Shane and Loren participated in AmeriCorps check-in
- 7/29/19 – Ed participated in NWRA teleconference
- 7/30/19 – Ed, Brenda & Shane to participate in ACOE Workshop in Reno
- 8/1/19 – Ed attended Lyon County Board meeting
- 8/5/19 – Ed was a guest speaker at the Douglas County Democratic Women’s Caucus lunch
- 8/6/19 – National Night Out Events; Debbie demonstrated model at Virginia City site; Ed and Loren demonstrated model at Mills Park in Carson City
- 8/10/19 – Debbie and Loren demonstrated Flood Model at “Our Town & Our Park” event in Dayton
- 8/12/19 – Ed, Shane and Loren attended American Rivers meeting at Turtle Park in Markleeville re: introducing beavers in the upper CR watershed
- 8/13/19 – Ed met with State Engineer re: Sierra Green Energy water right application
- 8/13/19 – Ed and Debbie attended Lyon County ADMP meeting

8/21/19 CWSD Board Meeting
Agenda Item #15 - Staff Report

- 8/14/19 – Ed attended Storey County ADMP meeting
- 8/14/19 - Ed and Debbie participated in Webinar regarding CTP MIP
- 8/15/19 – Brenda, Shane, Debbie and Loren attended FAW Core Team meeting
- 8/15/19 – Ed attended the Lyon County Board Meeting re: DADMP
- 8/19/19 – Debbie, Brenda, Shane and Loren attended FAW Update meeting
- 8/20/19 – Ed, Shane, Brenda, Debbie, Loren and Catrina attended CRC meeting
- 8/20/19 – Ed attended the Storey County Board Meeting re: DADMP

Meetings/activities anticipated through the end of August:

- 8/22/19 – Ed will meet with Federal Water Master regarding USBR Water Marketing project
- 8/28/19 – Brenda, Shane & Ed to attend CRC Education Working Group
- 8/29/19-8/30/19 - Filming days for Watershed Literacy Campaign Video

STAFF RECOMMENDATION: Receive and file.

CORRESPONDENCE

July 30, 2019

Edwin James
Carson Water Subconservancy District
777 E William St Ste 110A
Carson City, NV 89701-4057

Dear Edwin,

Thank you so much for your generous payment of \$3,000 for Family Watershed Nights that took place during the 2018-19 school year. Your generous contribution supported children and their families in Carson City.

Because of funding from the Carson Water Subconservancy District, we can ensure that all elementary students, regardless of socio-economic background, have this outstanding opportunity to participate with their families in engaging, interactive evenings at school. Through these educational events, we create a fun, family-friendly evening which reinforces STEM concepts learned in the classroom.

On behalf of our board, staff, and volunteers, we are truly grateful for your continued advocacy in generously supporting Sierra Nevada Journeys efforts to serve our community.

Sincerely,


Eaton Dunkelberger
CEO

*Thank you for all your support
for the families we serve!
Edmond
OK*

Your donation to Sierra Nevada Journeys, an IRS-approved 501 (c)(3) tax-exempt charity (EIN 01-0881587), is tax-deductible. No goods or services have been provided in consideration, in whole or in part, for the above stated gift.



Ed James

From: Wilkinson, Richard S. - NRCS, Minden, NV <Richard.Wilkinson@nv.nacdnet.net>
Sent: Thursday, August 8, 2019 10:19 AM
To: Ed James
Cc:

Subject:

Ed,
Per our discussion today I wanted to give you an update on the Cradelbaugh project.
On July 10th I received the nationwide 13 permit from the USACOE allowing us to proceed although new stipulations were placed on the permittee as follows;

- Must have a certified Archeologist onsite at all times during construction
- Must allow a Tribal representative onsite at all times during construction
- Must allow the Washoe to keep any items of cultural significance even on private grounds
- Within 30 days of completion I have to submit a report for archeological discoveries of any unknown cultural resources

Never had to do this before so I anticipate additional costs to administer the project

Passage of AB 136 now will make this project a prevailing wage project which may impact the amount of work done and ability to complete the entire project

Resubmitted state lands right of entry in April still awaiting formal document (any day)

Resubmitted authorization to discharge NDEP should be received (any day)

Negotiating contract with Mike Drews Great Basin Consulting for additional cultural work and requirements

Met with RO Anderson they completed another survey in July which shows additional 36 feet of bank lost from 1st survey to latest survey

RO Anderson revising quantities and redoing engineered stamped plans

RO Anderson redoing engineers estimates based on new quantities

Anticipate bid prewalk and solicitation for bids in late August 8, 2019

Anticipate going to construction in September 2019

End of construction pending weather 90 days after start of construction

Final reporting 12-31-19

Richard Wilkinson
Grant Manager/Watershed Coordinator
Carson Valley Conservation District
1702 County Road, Suite A
Minden, Nevada 89423
(775)782-3661 ext.3830 Office
~~(775)292-3702 Cell~~
richard.wilkinson@nv.nacdnet.net

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