

PUBLIC NOTICE

A REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE CARSON WATER SUBCONSERVANCY DISTRICT WILL BE HELD ON WEDNESDAY, OCTOBER 21, 2015, AT 6:30 P.M. AT THE CARSON VALLEY COUNTRY CLUB RESTAURANT AND BAR, 1029 RIVERSIDE DRIVE, GARDNERVILLE, NEVADA. A QUORUM OF THE DOUGLAS COUNTY BOARD OF COMMISSIONERS MAY BE PRESENT AT THIS MEETING. THOSE COMMISSIONERS WILL BE DELIBERATING AND TAKING ACTION ONLY IN THEIR ROLE AS DIRECTORS OF THE CARSON WATER SUBCONSERVANCY DISTRICT. THIS MEETING WILL BE PRECEDED AT 3:30 P.M. BY A TOUR OF MUD LAKE IN CARSON VALLEY AND AT 5:30 P.M. BY DINNER AT THE CARSON VALLEY COUNTRY CLUB RESTAURANT AND BAR, 1029 RIVERSIDE DRIVE, GARDNERVILLE, NEVADA. A QUORUM OF THE CWSD BOARD MAY BE PRESENT AT THE EVENTS PRECEDING THE BOARD MEETING BUT NO ACTION WILL BE TAKEN.


s/TONI LEFFLER
SECRETARY

ITEMS ON THE AGENDA MAY BE TAKEN OUT OF ORDER. THE PUBLIC BODY MAY COMBINE TWO OR MORE AGENDA ITEMS FOR CONSIDERATION. THE PUBLIC BODY MAY REMOVE AN ITEM FROM THE AGENDA OR DELAY DISCUSSION RELATING TO AN ITEM ON THE AGENDA AT ANY TIME.

AGENDA

1. Call to Order
2. Convene CWSD/Alpine County Joint Powers Board
3. Roll Call
4. Pledge of Allegiance
5. Approval of Agenda
6. Approval of the Board Meeting Minutes on September 16, 2015.
7. Public Comment

CONSENT AGENDA

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

8. Approval of Treasurer's Report for September 2015.
9. Payment of Bills for September 2015.
10. Discussion for possible action regarding ratification of the General Manager signing an agreement with HDR Engineering to develop inundation flood maps for the Carson River.

END OF CONSENT AGENDA

11. Discussion for possible action regarding a presentation by Rob Anderson on the Smelter Creek study in Douglas County.
12. Discussion for possible action regarding a presentation by HDR Engineering on the preliminary findings of the new floodplain model for the Carson River in Carson Valley.

13. Discussion for possible action regarding an update on the CRC meeting on October 21, 2015.
14. Discussion for possible action regarding hiring Still Waters Consultants to review the counties' floodplain ordinances and provide possible mitigation measures.
15. Staff Reports - General Manager
 - Legal
 - Correspondence
16. Directors Reports
17. Public Comment
18. Adjournment

Supporting information is available through Toni Leffler, 777 E. William St., #110A, Carson City, NV 89701, 775-887-7450, toni@cwsd.org and on CWSD website at www.cwsd.org. This notice has been posted on OCTOBER 14, 2015, at the following locations:

-Dayton Utilities Complex
34 Lakes Blvd
Dayton, NV

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

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

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

-Minden Inn Office Complex
1594 Esmeralda Avenue
Minden, NV

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

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

**AGENDA ITEM #6
MINUTES OF LAST
BOARD MEETING**

CARSON WATER SUBCONSERVANCY DISTRICT
BOARD OF DIRECTORS MEETING
September 16, 2015, 6:30 P.M.
Minutes

Directors present:

Karen Abowd, Vice Chairman
Brad Bonkowski
Carl Erquiaga
Ray Fierro, Treasurer
Austin Osborne, Storey County representative
Barry Penzel
Mary Rawson
Ernie Schank
Fred Stodieck

Directors not present:

Don Frensdorff
Don Jardine
Doug Johnson
Greg Lynn, Chairman
Chuck Roberts

Staff present:

George Benesch, Legal Counsel
Brenda Hunt, Watershed Program Manager
Edwin James, General Manager
Toni Leffler, Administrative Assistant/Secretary to the Board

Also present:

David Griffith

In Chairman Lynn's absence, Vice Chairman Abowd called the meeting to order at 6:30 p.m. in the McCarran Government Building in McCarran, NV. The CWSD/Alpine County Joint Powers Board was convened. Roll call was taken and a quorum was determined to be present. The Pledge of Allegiance was lead by Director Bonkowski.

Item #5 - Approval of Agenda. *Director Schank made the motion to approve the agenda. The motion was seconded by Director Stodieck and unanimously approved by the Board.*

Item #6 - Approval of the Board Meeting Minutes from August 19, 2015. *Director Erquiaga made the motion to approve the Minutes of the Board Meeting on August 19, 2015. The motion was seconded by Director Bonkowski and unanimously approved by the Board.*

Item #7 - Public Comment. None

CONSENT AGENDA

Item #8 - Approval of Treasurer's Report for August 2015.

Item #9 - Payment of Bills for August 2015.

Director Stodieck made the motion to approve the consent agenda items #8-9. The motion was seconded by Director Rawson and unanimously approved by the Board.

END OF CONSENT AGENDA

Item #10 - Discussion for possible action regarding a presentation by Dave Griffith on biomass-to-bioenergy in Alpine County. David Griffith introduced himself and explained that since 1940 there has been an increase in forested acreage burned. He became interested in the possibility of improving forest and watershed health with biomass-to-bioenergy when he realized that it is now accepted that a forest that is left to manage itself is not a healthy forest. Fuels reduction by thinning the forest would help create a healthier forest. He suggested that the forest can, at least in part, pay for its own improvement through fuels reduction and forest thinning. Mr. Griffith asked the Board for a letter to Alpine County in support of a feasibility study of a biomass-to-bioenergy facility in Alpine County.

The suggestions from our Board included:

- contacting Fulcrum Sierra, a bio-energy company located at Tahoe Reno Industrial Center;
- asking UC Davis about their studies in bio-energy; and
- asking Northern Nevada Development Authority (NNDA) for the study that biomass companies did for them.

Director Fierro made a motion to instruct staff to send a letter to Alpine County in support of a feasibility study of a biomass-to-bioenergy facility in Alpine County. The motion was seconded by Director Penzel and unanimously approved by the Board.

Item #11 - Discussion for possible action regarding an update on the FEMA MAS #3, #4, #5, and #6 projects. Ed James explained that MAS stands for Mapping Activity Statement through a Cooperating Technical Partnership (CTP) between CWSD and FEMA. CWSD has been receiving funding to conduct projects identified in the Regional Floodplain Plan. MAS #1-2 modeled the Carson River corridor through Lyon County and Carson City. MAS #3 is developing a floodplain model of the Carson River corridor through Carson Valley. MAS #4 focuses on creating a floodplain map of Carson Valley and includes community engagement and outreach which involves flood awareness and workshops to the counties. It also includes technical assistance to develop a procedure and protocol for updating the model, as well as review and update of floodplain ordinances and mitigation alternatives, all schedule for completion by 6/30/16.

Director Penzel brought up the need to model alluvial fan areas. Mr. James explained that the modeling of the Carson River is based on historic streamflow data, but alluvial fan modeling will have to be based on precipitation data. Director Penzel noted that there are times when both

river and alluvial fan flood events could be energized at the same time. Mr. James pointed out that the main flooding on the Carson River comes from the upper watershed from rain-on-snow events. This has to be modeled differently than alluvial fan flooding, and we are planning on doing alluvial fan flooding in the future. Our model is state-of-the-art and more accurate than old modeling/mapping. Director Penzel noted that the issue is that in the arroyos of the West are different than the flooding on the East coast, which tends to be gentle rain over multiple days versus the micro bursts we get in the West. If alluvial flooding reaches the river and we don't have appropriate flood controls, we will have more trouble with the EPA for what is going into the river. Mr. James noted that we had to start with mapping the river floodplain. A 100-yr event is only a FEMA pertinent term for flood insurance. For floodplain planning, we need to look at more frequent events. He explained about how the Santa Maria Ranch project changed the dynamics of the river downstream.

Director Penzel asked where the responsibility will lie for the flooding which starts on the BLM land. It's one thing to have the data with no control over what happens above us, so BLM has to be energized to act. Director Abowd noted that the BLM Resource Management Plan which was recently open for comment addressed the land that Director Penzel is talking about, so BLM is trying to take responsibility. Mr. James noted that a riverine flooding event looks different than alluvial fan flooding. Director Penzel contended that alluvial fan flooding is a greater threat than riverine flooding. The Stewardship Plan of 2008 which was adopted by all the counties discourages construction in the floodplain to allow for flood water spread. Director Osborne noted that you can't prevent flooding but can discourage building in the floodplain to limit damage. Director Penzel mentioned there's a need to manage flooding to protect those already built there. Part is public education and part is the county's responsibility to protect county residents. Director Osborne pointed out that CWSD creates a plan and then it's up to the leadership of all the counties to use that plan when considering zoning, etc. Mr. James mentioned that updating floodplain ordinances and mitigation alternatives is one of the next steps in MAS #4. We are trying to develop the best information to update the old flood maps so that we have better data and continuity to make decisions upon.

Mr. James mentioned that when consulting firms were interviewed recently for reviewing floodplain ordinances, the counties wanted to consultants to come to the counties to present, but that can't be done before the completion end date of 6/30/16. Therefore, we are looking at modifying what the consultant will do under MAS #4.

Mr. James went over the projects/studies which are being done under MAS #5. These include the Smelter Creek Regional Flood Control Project, the Alpine Estates Drainage Study, the Eagle Valley Golf Course Drainage Study, Flooding Project Alternatives below Lahontan Reservoir, inundation flood maps, and public outreach. Inundation maps can be used for emergency management up to a 500-yr event. Director Bonkowski asked if the model takes into account debris from a flood. Mr. James responded that it does not but it is the best we can predict.

The grant proposal for MAS #6 was just submitted and is expected to be approved. It will include the Stephanie Lane Drainage Study, the Goni Creek Drainage Study, the Ramsey Drainage Study, inundation flood maps for Carson City, and public outreach videos.

Director Schank pointed out that we have to continually keep flood, drought, and the various issues before the public whether it is happening currently or not because when it is not happening

people forget. Director Penzel noted that if people see the county doing something as opposed to reviewing a plan, they feel we are doing our public duty.

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

Item 12 - Discussion for possible action regarding approval for Board members and staff to attend the 2015 NWRA Fall Symposium in Reno on October 19-20, 2015.. Mr. James explained that on pages 66-67 of the Board package is an outline of the schedule for the NWRA Fall Symposium. It will provide good information about the various watersheds. Director Rawson mentioned that she would like to go the second day.

Director Schank made motion to approve the Board members and staff to attend the 2015 NWRA Fall Symposium in Reno on October 19-20, 2015. Director Penzel seconded the motion which was unanimously approved by the Board.

Item #13 - Discussion and possible action regarding an overview of the 2015 water year. Mr. James explained his comparison of streamflows at the East Fork Carson River, West Fork Carson River, Carson City, and Ft. Churchill gages in 1977 compared with 2015 which showed that 1977 was much drier. We recorded almost twice the precipitation in 2015 than in 1977. At the Reno Airport a temperature chart showed that the weather has become hotter year since 1930. The amount of precipitation received this year is a little below average precipitation but the snowfall was much less which was driven by how warm the storms were. El Nino is showing a lot of precipitation but a warmer than average temperature. We can get a lot of rain but still be out of water by summertime if we don't get enough snow. Mr. James explained that he participated in the "Water for the Seasons" study meeting at the Desert Research Institute (DRI) yesterday.

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

Item #14 - Staff Reports

General Manager - Mr. James reported:

- He attended the Floodplain Managers Association Conference last week. Flood insurance is changing so some areas may save money if they get flood insurance before the new flood maps are approved.
- Mr. James is going to every county giving a presentation about what's going on in the watershed. So far his presentation has been well received.

Brenda Hunt mentioned events which are coming up, including:

- Carson City Open Space Tour on October 6, funded through the 319 program. She encouraged sign up.
- Aspen Festival in Hope Valley - October 10-11.
- Celebration of the Silver Saddle Ranch land transfer from BLM to Carson City - September 26.
- River Wranglers' celebration and membership drive at Dayton State Park - September 27.
- Kiwanis Club's Carson River Clean Up on September 26.

Legal –Mr. Benesch had nothing in particular to report.

Correspondence – As included in the Board package and handed out.

Item #15 - Directors' Reports

Director Abowd thanked Director Osborne and CWSD staff for arranging the tour of the Tahoe Reno Industrial Center and dinner at the Wild Horse preceding the meeting. She also suggested sending Lance Gilman a thank you card for visiting with the group and providing dinner. Director Osborne thanked the group for coming out to see what Storey County has to offer.

Director Fierro mentioned that Dayton Valley Days are September 19-20.

Directors Bonkowski, Stodieck, Penzel, Erquiaga, Schank, and Rawson had nothing specific to report.

Item #16 - Public Comment. None

There being no further business to come before the Board, Director Schank made the motion to adjourn, seconded by Director Rawson and unanimously approved by the Board. The meeting was adjourned at 7:50 p.m.

Respectfully submitted,

Toni Leffler
Secretary

AGENDA ITEM #8
TREASURER'S REPORT

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/04/15

Balance Sheet

Accrual Basis

As of August 31, 2015

	<u>Aug 31, 15</u>
ASSETS	
Current Assets	
Checking/Savings	
1010-00 · Cash in Checking - B of A	19,608.65
1011-00 · Petty Cash	101.27
1014-00 · Local Gov't Inv. Pool-Regular	46,459.97
1018-00 · Greater NV Credit Union-Savings	25.00
1021-00 · US Bank CD	248,710.79
1028-00 · First Independent Bank of Nevad	246,804.10
1029-00 · Bank of America-Savings	47,073.32
Total Checking/Savings	608,783.10
Other Current Assets	
1055-00 · Payroll Deposit - Carson City	500.00
Total Other Current Assets	500.00
Total Current Assets	609,283.10
TOTAL ASSETS	<u>609,283.10</u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
3307-00 · CC Payroll Due	40,588.90
3360-00 · Accrued Vacation	22,879.97
3362-00 · Accrued sick leave	42,382.01
Total Other Current Liabilities	105,850.88
Total Current Liabilities	105,850.88
Total Liabilities	105,850.88
Equity	
4000-00 · Fund Balance	660,844.05
Net Income	-157,411.83
Total Equity	503,432.22
TOTAL LIABILITIES & EQUITY	<u>609,283.10</u>

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Profit & Loss YTD Comparison

August 2015

	Aug 15	Jul - Aug 15
Ordinary Income/Expense		
Income		
5009-00 · Churchill County Ad Valorem		4,874.89
5010-00 · Lyon County Ad Valorem		23,171.92
5011-00 · Douglas County Ad Valorem	22,516.98	23,635.33
5012-00 · Carson City Ad Valorem		1,347.30
5025-00 · Int. Inc.-US Bank CD	250.95	281.58
5031-00 · Interest Income-LGIP Reg.	16.24	57.63
5044-00 · Int-1st Independent Bk of NV CD	115.23	226.70
5045-00 · Interest Income-B of A Savings	1.60	3.20
5050-00 · Watershed Coordinator		
5050-08 · NDEP Watershed Coord 2012-15		4,768.72
5050-10 · NDEP Watershed Coord. 2015-18	26,273.84	26,273.84
Total 5050-00 · Watershed Coordinator	26,273.84	31,042.56
5058-00 · 208 Water Quality Plan		
5058-02 · NDEP-2010 Algae Study Grant	2,010.57	2,010.57
5058-03 · NDEP 208 LID Grant- 2013-15	1,340.41	1,340.41
Total 5058-00 · 208 Water Quality Plan	3,350.98	3,350.98
5060-00 · Misc. Income		750.00
5063-00 · Environmental Education Program		
5063-03 · NDEP-Env.Ed.Coord. 2012-14	14,965.71	14,965.71
Total 5063-00 · Environmental Education Program	14,965.71	14,965.71
5077-00 · CR Conservation Tours		
5077-03 · NDEP Conserv Tour Grant 2012-14		544.37
Total 5077-00 · CR Conservation Tours		544.37
5086-00 · FEMA MAS #3 (Do.Co.)		9,302.61
5087-00 · FEMA MAS #4 (Flood Maps)		4,991.58
5090-00 · NDEP-Watershed Literacy Grant	14,565.05	14,565.05
5091-00 · Rec.Trails Signage-Motorized	180.00	180.00
5092-00 · FEMA - MAS #5		59,651.57
Total Income	82,236.58	192,942.98
Expense		
7015-00 · Salaries & Wages	26,625.20	66,283.97
7020-00 · Employee Benefits	10,648.15	22,639.91
7021-00 · Workers Comp Ins.		277.00
7101-00 · Director's Fees		
7101-01 · Director Benefits	13.00	37.91
7101-00 · Director's Fees - Other	895.30	2,612.35
Total 7101-00 · Director's Fees	908.30	2,650.26
7102-00 · Insurance		6,917.44
7103-00 · Office Supplies	307.10	686.41
7104-00 · Postage	98.00	135.07
7105-00 · Rent	2,169.34	4,338.68
7106-00 · Telephone/Internet	183.37	459.08
7107-00 · Travel-transport/meals/lodging		
7107-01 · Car Allowance	566.42	1,416.05
7107-00 · Travel-transport/meals/lodging - Other	331.66	693.13
Total 7107-00 · Travel-transport/meals/lodging	898.08	2,109.18
7108-00 · Dues & Publications	220.00	315.00
7110-00 · Seminars & Education	155.00	600.00
7112-00 · Bank Charges	-1.00	-50.38
7114-00 · Outside Professional Services		190.00
7116-00 · Legal	3,411.33	6,822.66
7117-00 · Lost Lakes Expenses	480.00	660.00
7120-00 · Integrated Watershed Programs		
7120-30 · Watershed Coord.Exp. 2015-18	148.84	317.74
Total 7120-00 · Integrated Watershed Programs	148.84	317.74
7125-00 · Environmental Ed.Coord.Exp.		

3:20 PM

09/04/15

Accrual Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND**Profit & Loss YTD Comparison**

August 2015

	Aug 15	Jul - Aug 15
7125-01 · Env.Ed.Coord.Exp.2012-14		9.75
7125-02 · Env.Ed.Coord.Exp. 2015-17	3,445.11	8,311.09
Total 7125-00 · Environmental Ed.Coord.Exp.	3,445.11	8,320.84
7210-00 · CR Conservation Tours Exp.		
7210-03 · NPS Conser.Tours 2012-15	2.07	4.14
7210-00 · CR Conservation Tours Exp. - Other		280.65
Total 7210-00 · CR Conservation Tours Exp.	2.07	284.79
7214-00 · Rec. Trails Signage-Motorized		1,000.00
7332-00 · Carson River Work Days		8,132.92
7337-00 · Carson River Restoration		
7337-03 · Dayton Valley Conserv		15,259.06
Total 7337-00 · Carson River Restoration		15,259.06
7404-00 · Noxious Weeds Control-CR Wtrshd		
7404-01 · Noxious Weed Control-Alpine Co.	15,000.00	15,000.00
7404-02 · Noxious Weed Control-Douglas Co		
7404-03 · Noxious Weed Control-CarsonCity		15,000.00
7404-04 · Noxious Weed Control-Lyon Co.		10,267.08
7404-05 · Noxious Weed Control-Churchill	15,000.00	15,000.00
Total 7404-00 · Noxious Weeds Control-CR Wtrshd	30,000.00	55,267.08
7406-00 · 208 Water Quality Mgmt. Plan		
7406-02 · 208 Plan-LID Practices- 2013-14	19.19	20.38
7406-00 · 208 Water Quality Mgmt. Plan - Other	0.24	0.48
Total 7406-00 · 208 Water Quality Mgmt. Plan	19.43	20.86
7419-00 · FEMA MAS #3	2.98	9,220.49
7420-00 · FEMA MAS #4 (Flood Map)	10.77	15.32
7422-00 · BOR Basin Plan of Study	0.08	0.16
7424-00 · NDEP-Watershed Literacy Gr.Exp.		
7424-02 · Watershed Survey-Responsive Mgt		10,000.00
7424-00 · NDEP-Watershed Literacy Gr.Exp. - Other	79.27	3,379.75
Total 7424-00 · NDEP-Watershed Literacy Gr.Exp.	79.27	13,379.75
7426-00 · FEMA MAS #5-Charter/Map/Model		
7426-01 · Alpine View Est.-Kimley Horn		6,502.00
7426-02 · Smelter Creek-RO Anderson	18,500.00	32,500.00
7426-03 · Eagle Valley-Michael Baker	7,719.25	21,344.50
7426-00 · FEMA MAS #5-Charter/Map/Model - Other	8.16	13.68
Total 7426-00 · FEMA MAS #5-Charter/Map/Model	26,227.41	60,360.18
7600-00 · Alpine County Projects		
7600-05 · Alpine Watershed Programs	11,500.00	16,500.00
7600-09 · AI.Co.-CASGEM	6.61	6.61
Total 7600-00 · Alpine County Projects	11,506.61	16,506.61
7610-00 · Douglas County Projects		
7610-17 · Do.Co.-EF Channel Restoration		29,509.48
Total 7610-00 · Douglas County Projects		29,509.48
7620-00 · Carson City Projects		
7620-15 · Eagle Cr Streambank Restoration	12,400.00	12,400.00
Total 7620-00 · Carson City Projects	12,400.00	12,400.00
7640-00 · Churchill County Projects		
7640-09 · Lahontan Vly.Wtr.Lvl.Measure.	5,325.25	5,325.25
Total 7640-00 · Churchill County Projects	5,325.25	5,325.25
Total Expense	135,270.69	350,354.81
Net Ordinary Income	-53,034.11	-157,411.83
Net Income	-53,034.11	-157,411.83

For internal & discussion purposes only.

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/04/15

Profit & Loss Budget vs. Actual

Accrual Basis

July through August 2015

	Jul - Aug 15	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
5008-00 · Alpine Co. Joint Powers contrib		9,000.00	-9,000.00	
5009-00 · Churchill County Ad Valorem	4,874.89	187,550.00	-182,675.11	2.6%
5010-00 · Lyon County Ad Valorem	23,171.92	147,555.00	-124,383.08	15.7%
5011-00 · Douglas County Ad Valorem	23,635.33	477,500.00	-453,864.67	4.9%
5012-00 · Carson City Ad Valorem	1,347.30	377,150.00	-375,802.70	0.4%
5022-00 · Water Lease - Mud Lake		45,000.00	-45,000.00	
5025-00 · Int. Inc.-US Bank CD	281.58	850.00	-568.42	33.1%
5031-00 · Interest Income-LGIP Reg.	57.63	80.00	-22.37	72.0%
5044-00 · Int-1st Independent Bk of NV CD	226.70	850.00	-623.30	26.7%
5045-00 · Interest Income-B of A Savings	3.20	80.00	-76.80	4.0%
5050-00 · Watershed Coordinator				
5050-08 · NDEP Watershed Coord 2012-15	4,768.72			
5050-10 · NDEP Watershed Coord. 2015-18	26,273.84	64,000.00	-37,726.16	41.1%
Total 5050-00 · Watershed Coordinator	31,042.56	64,000.00	-32,957.44	48.5%
5058-00 · 208 Water Quality Plan				
5058-02 · NDEP-2010 Algae Study Grant	2,010.57			
5058-03 · NDEP 208 LID Grant- 2013-15	1,340.41	4,700.00	-3,359.59	28.5%
Total 5058-00 · 208 Water Quality Plan	3,350.98	4,700.00	-1,349.02	71.3%
5060-00 · Misc. Income				
5060-02 · Watershed Tour		5,900.00	-5,900.00	
5060-00 · Misc. Income - Other	750.00			
Total 5060-00 · Misc. Income	750.00	5,900.00	-5,150.00	12.7%
5063-00 · Environmental Education Program				
5063-03 · NDEP-Env.Ed.Coord. 2012-14	14,965.71			
5063-04 · NDEP-Env.Ed.Coord.2015-17		50,000.00	-50,000.00	
Total 5063-00 · Environmental Education Program	14,965.71	50,000.00	-35,034.29	29.9%
5077-00 · CR Conservation Tours				
5077-03 · NDEP Conserv Tour Grant 2012-14	544.37			
5077-00 · CR Conservation Tours - Other		2,200.00	-2,200.00	
Total 5077-00 · CR Conservation Tours	544.37	2,200.00	-1,655.63	24.7%
5082-00 · Alpine Co.-CASGEM Grant		750.00	-750.00	
5086-00 · FEMA MAS #3 (Do.Co.)	9,302.61	59,000.00	-49,697.39	15.8%
5087-00 · FEMA MAS #4 (Flood Maps)	4,991.58	250,000.00	-245,008.42	2.0%
5090-00 · NDEP-Watershed Literacy Grant	14,565.05	5,800.00	8,765.05	251.1%
5091-00 · Rec.Trails Signage-Motorized	180.00	3,100.00	-2,920.00	5.8%
5092-00 · FEMA - MAS #5	59,651.57	150,000.00	-90,348.43	39.8%
Total Income	192,942.98	1,841,065.00	-1,648,122.02	10.5%
Expense				
7015-00 · Salaries & Wages	66,283.97	334,400.00	-268,116.03	19.8%
7020-00 · Employee Benefits	22,639.91	136,700.00	-114,060.09	16.6%
7021-00 · Workers Comp Ins.	277.00	1,200.00	-923.00	23.1%
7101-00 · Director's Fees				
7101-01 · Director Benefits	37.91			
7101-00 · Director's Fees - Other	2,612.35	14,000.00	-11,387.65	18.7%
Total 7101-00 · Director's Fees	2,650.26	14,000.00	-11,349.74	18.9%
7102-00 · Insurance	6,917.44	10,000.00	-3,082.56	69.2%
7103-00 · Office Supplies	686.41	4,000.00	-3,313.59	17.2%
7104-00 · Postage	135.07	1,250.00	-1,114.93	10.8%
7105-00 · Rent	4,338.68	26,033.00	-21,694.32	16.7%
7106-00 · Telephone/Internet	459.08	5,000.00	-4,540.92	9.2%
7107-00 · Travel-transport/meals/lodging				
7107-01 · Car Allowance	1,416.05			
7107-00 · Travel-transport/meals/lodging - Other	693.13	17,000.00	-16,306.87	4.1%
Total 7107-00 · Travel-transport/meals/lodging	2,109.18	17,000.00	-14,890.82	12.4%
7108-00 · Dues & Publications	315.00	1,000.00	-685.00	31.5%
7109-00 · Miscellaneous Expense		3,000.00	-3,000.00	

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/04/15

Profit & Loss Budget vs. Actual

Accrual Basis

July through August 2015

	Jul - Aug 15	Budget	\$ Over Budget	% of Budget
7110-00 · Seminars & Education	600.00	3,000.00	-2,400.00	20.0%
7111-00 · Office Equipment		16,000.00	-16,000.00	
7112-00 · Bank Charges	-50.38	200.00	-250.38	-25.2%
7114-00 · Outside Professional Services	190.00	20,000.00	-19,810.00	1.0%
7115-00 · Accounting		16,500.00	-16,500.00	
7116-00 · Legal	6,822.66	40,700.00	-33,877.34	16.8%
7117-00 · Lost Lakes Expenses	660.00	7,000.00	-6,340.00	9.4%
7118-00 · Mud Lake O & M		1,000.00	-1,000.00	
7120-00 · Integrated Watershed Programs				
7120-07 · Watershed Tour		5,500.00	-5,500.00	
7120-08 · Invasive Species Programs		5,000.00	-5,000.00	
7120-30 · Watershed Coord.Exp. 2015-18	317.74	4,400.00	-4,082.26	7.2%
Total 7120-00 · Integrated Watershed Programs	317.74	14,900.00	-14,582.26	2.1%
7122-00 · Water Conservation/BMP Program		5,000.00	-5,000.00	
7125-00 · Environmental Ed.Coord.Exp.				
7125-01 · Env.Ed.Coord.Exp.2012-14	9.75			
7125-02 · Env.Ed.Coord.Exp. 2015-17	8,311.09	44,000.00	-35,688.91	18.9%
Total 7125-00 · Environmental Ed.Coord.Exp.	8,320.84	44,000.00	-35,679.16	18.9%
7210-00 · CR Conservation Tours Exp.				
7210-03 · NPS Conser.Tours 2012-15	4.14	1,800.00	-1,795.86	0.2%
7210-00 · CR Conservation Tours Exp. - Other	280.65			
Total 7210-00 · CR Conservation Tours Exp.	284.79	1,800.00	-1,515.21	15.8%
7214-00 · Rec. Trails Signage-Motorized	1,000.00	900.00	100.00	111.1%
7215-00 · Sierra NV Journeys-Family Night		3,380.00	-3,380.00	
7332-00 · Carson River Work Days				
7332-01 · CR Work Days 2015-16		26,000.00	-26,000.00	
7332-00 · Carson River Work Days - Other	8,132.92			
Total 7332-00 · Carson River Work Days	8,132.92	26,000.00	-17,867.08	31.3%
7337-00 · Carson River Restoration				
7337-01 · Upper Carson River Grant.		60,000.00	-60,000.00	
7337-03 · Dayton Valley Conserv				
7337-31 · DVCD-Restoration Proj.2015-16		124,000.00	-124,000.00	
7337-32 · DVCD-Storey Co. Weed Abatement		5,000.00	-5,000.00	
7337-03 · Dayton Valley Conserv - Other	15,259.06			
Total 7337-03 · Dayton Valley Conserv	15,259.06	129,000.00	-113,740.94	11.8%
7337-04 · Lahontan Conserv.Dist		20,000.00	-20,000.00	
Total 7337-00 · Carson River Restoration	15,259.06	209,000.00	-193,740.94	7.3%
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	
7404-03 · Noxious Weed Control-CarsonCity	15,000.00	15,000.00		100.0%
7404-04 · Noxious Weed Control-Lyon Co.	10,267.08	15,000.00	-4,732.92	68.4%
7404-05 · Noxious Weed Control-Churchill	15,000.00	15,000.00		100.0%
Total 7404-00 · Noxious Weeds Control-CR Wtrshd	55,267.08	75,000.00	-19,732.92	73.7%
7406-00 · 208 Water Quality Mgmt. Plan				
7406-02 · 208 Plan-LID Practices- 2013-14	20.38			
7406-00 · 208 Water Quality Mgmt. Plan - Other	0.48			
Total 7406-00 · 208 Water Quality Mgmt. Plan	20.86			
7419-00 · FEMA MAS #3	9,220.49	58,000.00	-48,779.51	15.9%
7420-00 · FEMA MAS #4 (Flood Map)	15.32	240,000.00	-239,984.68	0.0%
7422-00 · BOR Basin Plan of Study	0.16			
7424-00 · NDEP-Watershed Literacy Gr.Exp.				
7424-02 · Watershed Survey-Responsive Mgt	10,000.00			
7424-00 · NDEP-Watershed Literacy Gr.Exp. - Other	3,379.75	4,800.00	-1,420.25	70.4%
Total 7424-00 · NDEP-Watershed Literacy Gr.Exp.	13,379.75	4,800.00	8,579.75	278.7%
7426-00 · FEMA MAS #5-Charter/Map/Model				
7426-01 · Alpine View Est.-Kimley Horn	6,502.00			

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

09/04/15

Profit & Loss Budget vs. Actual

Accrual Basis

July through August 2015

	Jul - Aug 15	Budget	\$ Over Budget	% of Budget
7426-02 · Smelter Creek-RO Anderson	32,500.00			
7426-03 · Eagle Valley-Michael Baker	21,344.50			
7426-00 · FEMA MAS #5-Charter/Map/Model - Other	13.68	132,000.00	-131,986.32	0.0%
Total 7426-00 · FEMA MAS #5-Charter/Map/Model	60,360.18	132,000.00	-71,639.82	45.7%
7500-00 · USGS Stream Gage Contract				
7500-01 · Stream Gages 2015-17		70,232.00	-70,232.00	
Total 7500-00 · USGS Stream Gage Contract		70,232.00	-70,232.00	
7508-00 · USGS Do.Co.WQ & GW Monitoring				
7508-01 · Do/LyCo WQ/GW Mon. 2015-17		15,500.00	-15,500.00	
Total 7508-00 · USGS Do.Co.WQ & GW Monitoring		15,500.00	-15,500.00	
7524-00 · USGS-GW Lvl & WQ in Ch.Co.				
7524-01 · USGS-GW Lvl & WQ-ChCo 2014-17		10,200.00	-10,200.00	
Total 7524-00 · USGS-GW Lvl & WQ in Ch.Co.		10,200.00	-10,200.00	
7525-00 · USGS-CV Arsenic Study-Ph.1		20,000.00	-20,000.00	
7600-00 · Alpine County Projects				
7600-05 · Alpine Watershed Programs	16,500.00	23,000.00	-6,500.00	71.7%
7600-09 · Al.Co.-CASGEM	6.61	25.00	-18.39	26.4%
Total 7600-00 · Alpine County Projects	16,506.61	23,025.00	-6,518.39	71.7%
7610-00 · Douglas County Projects				
7610-10 · Do.Co.Reg.Pipeline Debt Service		125,000.00	-125,000.00	
7610-17 · Do.Co.-EF Channel Restoration	29,509.48	24,500.00	-24,500.00	
7610-18 · DoCo-Sierra Country Estates				
Total 7610-00 · Douglas County Projects	29,509.48	149,500.00	-119,990.52	19.7%
7620-00 · Carson City Projects				
7620-11 · CC Reg.Pipeline Debt Service		125,000.00	-125,000.00	
7620-15 · Eagle Cr Streambank Restoration	12,400.00			
Total 7620-00 · Carson City Projects	12,400.00	125,000.00	-112,600.00	9.9%
7630-00 · Lyon County Projects				
7630-10 · LyCo Middle CR Imagery Project		27,644.00	-27,644.00	
Total 7630-00 · Lyon County Projects		27,644.00	-27,644.00	
7640-00 · Churchill County Projects				
7640-09 · Lahontan Vly.Wtr.Lvl.Measure.	5,325.25	19,000.00	-13,674.75	28.0%
7640-14 · W/R Dedication Tracking DB		8,420.00	-8,420.00	
7640-15 · LCD-Sand Bar Removal in ChCo		20,000.00	-20,000.00	
Total 7640-00 · Churchill County Projects	5,325.25	47,420.00	-42,094.75	11.2%
Total Expense	350,354.81	1,961,284.00	-1,610,929.19	17.9%
Net Ordinary Income	-157,411.83	-120,219.00	-37,192.83	130.9%
Other Income/Expense				
Other Income				
8005-00 · Beginning Equity		671,421.00	-671,421.00	
Total Other Income		671,421.00	-671,421.00	
Other Expense				
8002-00 · Transfer Out-Acq/Const Fund		20,000.00	-20,000.00	
8008-00 · Preliminary Planning		435,000.00	-435,000.00	
Total Other Expense		455,000.00	-455,000.00	
Net Other Income		216,421.00	-216,421.00	
Net Income	-157,411.83	96,202.00	-253,613.83	-163.6%

CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION

09/04/15

Balance Sheet

As of August 31, 2015

	<u>Aug 31, 15</u>
ASSETS	
Current Assets	
Checking/Savings	
1013-01 · Local Gov't Inv.Pool-Reserve	412,554.00
1015-01 · Heritage Bk 12-mo. CD	250,066.21
Total Checking/Savings	<u>662,620.21</u>
Total Current Assets	<u>662,620.21</u>
TOTAL ASSETS	<u>662,620.21</u>
LIABILITIES & EQUITY	
Equity	
4000-01 · Fund Balance - Capital Project	662,289.91
Net Income	330.30
Total Equity	<u>662,620.21</u>
TOTAL LIABILITIES & EQUITY	<u>662,620.21</u>

2:55 PM

CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION

09/04/15

Profit & Loss YTD Comparison

Accrual Basis

August 2015

	Aug 15	Jul - Aug 15
Ordinary Income/Expense		
Income		
5032-01 · Interest Income - LGIP Res.	73.11	142.34
5038-00 · Int. Inc.-Heritage Bk CD	95.54	187.96
Total Income	168.65	330.30
Net Ordinary Income	168.65	330.30
Net Income	168.65	330.30

4:00 PM

CARSON WTR SUBCONSERVANCY DIST - ACQUISITION/CONSTRUCTION

09/08/15

Profit & Loss Budget vs. Actual

Accrual Basis

July through August 2015

	Jul - Aug 15	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
5032-01 · Interest Income - LGIP Res.	142.34	400.00	-257.66	35.6%
5038-00 · Int. Inc.-Heritage Bk CD	187.96	1,000.00	-812.04	18.8%
Total Income	330.30	1,400.00	-1,069.70	23.6%
Expense				
7325-01 · Acquisition Wtr Rts/Structures		650,000.00	-650,000.00	
Total Expense		650,000.00	-650,000.00	
Net Ordinary Income	330.30	-648,600.00	648,930.30	-0.1%
Other Income/Expense				
Other Income				
8000-01 · Beginning Equity		662,168.00	-662,168.00	
8001-01 · Transfer In-General Fund		20,000.00	-20,000.00	
Total Other Income		682,168.00	-682,168.00	
Net Other Income		682,168.00	-682,168.00	
Net Income	330.30	33,568.00	-33,237.70	1.0%

3:07 PM
09/04/15
Cash Basis

Floodplain Management Fund
Balance Sheet
As of August 31, 2015

	<u>Aug 31, 15</u>
ASSETS	
Current Assets	
Checking/Savings	
1013-03 · LGIP - Floodplain	182,199.29
1014-03 · Mutual of Omaha Bk CD	247,335.48
Total Checking/Savings	<u>429,534.77</u>
Total Current Assets	<u>429,534.77</u>
TOTAL ASSETS	<u>429,534.77</u>
LIABILITIES & EQUITY	
Equity	
32000 · Retained Earnings	429,336.33
Net Income	198.44
Total Equity	<u>429,534.77</u>
TOTAL LIABILITIES & EQUITY	<u>429,534.77</u>

3:07 PM
09/04/15
Cash Basis

Floodplain Management Fund
Profit & Loss YTD Comparison
August 2015

	Aug 15	Jul - Aug 15
Ordinary Income/Expense		
Income		
5032-03 · Int. Inc.-LGIP-Floodplain	64.56	95.13
5033-03 · Int.Inc.-Mutual of Omaha CD	52.51	103.31
Total Income	117.07	198.44
Net Ordinary Income	117.07	198.44
Net Income	117.07	198.44

3:07 PM
09/04/15
Cash Basis

Floodplain Management Fund

Profit & Loss Budget vs. Actual

July through August 2015

	Jul - Aug 15	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
5032-03 · Int. Inc.-LGIP-Floodplain	95.13	180.00	-84.87	52.9%
5033-03 · Int.Inc.-Mutual of Omaha CD	103.31	700.00	-596.69	14.8%
Total Income	198.44	880.00	-681.56	22.6%
Expense				
7203-03 · Reg. Flood Preliminary Planning	0.00	360,000.00	-360,000.00	0.0%
7206-03 · Flood Project Along SR88-Minden	0.00	40,000.00	-40,000.00	0.0%
Total Expense	0.00	400,000.00	-400,000.00	0.0%
Net Ordinary Income	198.44	-399,120.00	399,318.44	-0.0%
Other Income/Expense				
Other Income				
8000-03 · Beginning Equity	0.00	429,206.00	-429,206.00	0.0%
Total Other Income	0.00	429,206.00	-429,206.00	0.0%
Net Other Income	0.00	429,206.00	-429,206.00	0.0%
Net Income	198.44	30,086.00	-29,887.56	0.7%

AGENDA ITEM #9
PAYMENT OF BILLS

AGENDA ITEM #9
PAYMENT OF BILLS

11:38 AM

09/09/15

Accrual Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2015

Type	Date	Num	Name	Memo	Amount	Balance
1010-00 · Cash in Checking - B of A						
Check	8/3/2015	8072	Euronev, Ltd.	Aug. rent 777 E William St., #102, #103, #110 & #110A	-2,169.34	-2,169.34
Deposit	8/4/2015			Deposit	29,530.76	27,361.42
Check	8/5/2015	8073	El Dorado County Dept. of Agriculture	FY 2014-15 Alpine watershed weed management	-15,000.00	12,361.42
Check	8/5/2015	8074	Churchill Co.Mosquito, Vector & Weed Cont	FY 2014-15 noxious weed treatment	-15,000.00	-2,638.58
Check	8/5/2015	8075	Churchill County	Apr.-June 2015, Lahontan Vly Water Level Meas. Program	-5,325.25	-7,963.83
Check	8/5/2015	8076	Law Office of George N. Benesch	July legal services, inv. #14723	-3,411.33	-11,375.16
Check	8/7/2015	8077	R. O. Anderson	VOID: Proj.#0713-006-15, Inv. #35945, Smelter Cr.(wrong amt.)		-11,375.16
Check	8/7/2015	8078	R. O. Anderson	Proj.#0713-006-15, Inv. #35945, Smelter Cr.(replaces ck.#8005)	-15,000.00	-26,375.16
Check	8/10/2015	8079	River Wranglers	Inv. #EE 2015-4, Env. Ed. 7/1-31/15	-3,403.48	-29,778.64
Deposit	8/10/2015			Deposit	22,516.98	-7,261.66
Check	8/10/2015	8080	NV Div. of Water Resources	App. #85336T permit fee	-480.00	-7,741.66
Check	8/10/2015	8081	Michael Baker International, Inc.	VOID: Proj. #145209, Eagle Vly A & B Drainages Study(wrong name)		-7,741.66
Check	8/10/2015	8082	Michael Baker International, Inc.	Proj. #145209, Eagle Vly A & B Drainages Study	-7,719.25	-15,460.91
Check	8/12/2015	8083	Edwin James	Reimb. for maps	-70.40	-15,531.31
Check	8/12/2015	8084	NWMA	Courtney Walker - 2015 Symp./NWMA Conf.	-155.00	-15,686.31
Check	8/12/2015	8085	American Planning Association	Inv. #167362-1575, APA renewal for Brenda Hunt	-190.00	-15,876.31
Deposit	8/12/2015			Deposit	1,340.41	-14,535.90
Deposit	8/12/2015			Deposit	2,010.57	-12,525.33
Deposit	8/13/2015			Deposit	180.00	-12,345.33
Check	8/17/2015	8086	MyOfficeProducts	Deposit	26,273.84	13,928.51
Check	8/17/2015	8087	AT&T	July office supplies, Cust. #76531, Inv. #WO-9585496-1	-208.87	13,719.64
Check	8/20/2015	8088	Edwin James	Acct. #775-7450 924 6, 8/1-31/15 phones & UM	-183.37	13,536.27
Check	8/20/2015	8089	Office Depot Business Credit	Reimb. for 8/19/15 Board dinner	-228.74	13,307.53
Check	8/25/2015	8090	Carson City Parks & Recreation Dept.	Aug. acct. #6011 5656 1002 0915	-79.24	13,228.29
Check	8/25/2015	8091	Alpine Watershed Group	FY 2014-15 Eagle Creek restoration	-12,400.00	828.29
Check	8/25/2015	8092	R. O. Anderson	Watershed Program Grant, inv. #2015-16-1	-11,500.00	-10,671.71
Check	8/25/2015	8093	Chuck Roberts	Proj.#0713-006-15, Inv. #36281, Smelter Cr.	-3,500.00	-14,171.71
Check	8/25/2015	8094	Ernest Schank	August travel reimbursement	-10.11	-14,181.82
Check	8/25/2015	8095	Fred Stodieck	August travel reimb.	-74.08	-14,255.90
Check	8/25/2015	8096	Carson City	August travel reimb.	-18.73	-14,274.63
Check	8/27/2015	8097	Bank of America	Reimb. for July part. payroll #15 & #16	-30,110.83	-44,385.46
Check	8/27/2015	8098	Konica Minolta Business Solutions USA Inc	Aug.-acct. #4024 4910 0004 2478	-64.00	-44,449.46
Check	8/27/2015	8099	Postmaster	7/23-8/22/15 copies, Inv. #235605752, payor ID #1110530	-233.43	-44,682.89
Check	8/28/2015			2 rolls of \$0.49 stamps	-98.00	-44,780.89
Total 1010-00 · Cash in Checking - B of A					-44,780.89	-44,780.89
1014-00 · Local Gov't Inv. Pool-Regular						
Deposit	8/31/2015			Interest	16.24	16.24
Total 1014-00 · Local Gov't Inv. Pool-Regular					16.24	16.24
1021-00 · US Bank CD						
Deposit	8/4/2015			Interest	31.65	31.65
Deposit	8/6/2015			Deposit	73.85	105.50
Deposit	8/6/2015			Deposit	71.51	177.01
Deposit	8/6/2015			Deposit	73.94	250.95
Total 1021-00 · US Bank CD					250.95	250.95
1028-00 · First Independent Bank of Nevad						
Deposit	8/14/2015			Interest	115.23	115.23
Total 1028-00 · First Independent Bank of Nevad					115.23	115.23
1029-00 · Bank of America-Savings						
Deposit	8/31/2015			Interest	1.60	1.60
Total 1029-00 · Bank of America-Savings					1.60	1.60
3307-00 · CC Payroll Due						
Gener...	8/14/2015			8/14 BH,EJ,TL,DN,CW	-19,211.46	-19,211.46
Check	8/25/2015	8096	Carson City	Reimb. for July part. payroll #15 & #16	30,110.83	10,899.37
Gener...	8/28/2015			8/28 BH,EJ,TL,DN,CW; Aug.-KA,BB,CE,DJa,DJo,GL,WP,CR,ES,FS	-19,536.61	-8,637.24
Total 3307-00 · CC Payroll Due					-8,637.24	-8,637.24
5011-00 · Douglas County Ad Valorem						
Deposit	8/10/2015	637850	Douglas County	June	-4,629.38	-4,629.38
Deposit	8/10/2015	637850	Douglas County	July	-17,887.60	-22,516.98
Total 5011-00 · Douglas County Ad Valorem					-22,516.98	-22,516.98
5025-00 · Int. Inc.-US Bank CD						
Deposit	8/4/2015			Interest	-31.65	-31.65
Deposit	8/6/2015		US Bank	adj. for May/June int.-corrected for wrong int.rate @ renewal	-73.85	-105.50
Deposit	8/6/2015		US Bank	adj. for June/July int.-corrected for wrong int.rate @ renewal	-71.51	-177.01
Deposit	8/6/2015		US Bank	adj. for July/Aug. int.-corrected for wrong int.rate @ renewal	-73.94	-250.95
Total 5025-00 · Int. Inc.-US Bank CD					-250.95	-250.95
5031-00 · Interest Income-LGIP Reg.						
Deposit	8/31/2015			Interest	-16.24	-16.24
Total 5031-00 · Interest Income-LGIP Reg.					-16.24	-16.24
5044-00 · Int-1st Independent Bk of NV CD						
Deposit	8/14/2015			Interest	-115.23	-115.23
Total 5044-00 · Int-1st Independent Bk of NV CD					-115.23	-115.23
5045-00 · Interest Income-B of A Savings						
Deposit	8/31/2015			Interest	-1.60	-1.60
Total 5045-00 · Interest Income-B of A Savings					-1.60	-1.60
5050-00 · Watershed Coordinator						
5050-10 · NDEP Watershed Coord. 2015-18						
Deposit	8/13/2015	9668...	NV Div. of Environmental Protection	Apr.-June 2015, Inv. #2-15-014	-26,273.84	-26,273.84

11:38 AM

09/09/15

Accrual Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2015

Type	Date	Num	Name	Memo	Amount	Balance
Total 5050-10 · NDEP Watershed Coord. 2015-18					-26,273.84	-26,273.84
Total 5050-00 · Watershed Coordinator					-26,273.84	-26,273.84
5058-00 · 208 Water Quality Plan						
5058-02 · NDEP-2010 Algae Study Grant						
Deposit	8/12/2015	9667...	NV Bur. of Water Quality Protection	Final inv. #21-10-036	-2,010.57	-2,010.57
Total 5058-02 · NDEP-2010 Algae Study Grant					-2,010.57	-2,010.57
5058-03 · NDEP 208 LID Grant- 2013-15						
Deposit	8/12/2015	9667...	NV Div. of Environmental Protection	Apr.-June 2015, Inv. #7-14-013	-1,340.41	-1,340.41
Total 5058-03 · NDEP 208 LID Grant- 2013-15					-1,340.41	-1,340.41
Total 5058-00 · 208 Water Quality Plan					-3,350.98	-3,350.98
5063-00 · Environmental Education Program						
5063-03 · NDEP-Env.Ed.Coord. 2012-14						
Deposit	8/4/2015	9662...	NV Div. of Environmental Protection	Apr.-June 2015, Inv. #2-15-011	-14,965.71	-14,965.71
Total 5063-03 · NDEP-Env.Ed.Coord. 2012-14					-14,965.71	-14,965.71
Total 5063-00 · Environmental Education Program					-14,965.71	-14,965.71
5090-00 · NDEP-Watershed Literacy Grant						
Deposit	8/4/2015	9662...	NV Div. of Environmental Protection	Apr.-June 2015, Inv. #6-14-029	-14,565.05	-14,565.05
Total 5090-00 · NDEP-Watershed Literacy Grant					-14,565.05	-14,565.05
5091-00 · Rec.Trails Signage-Motorized						
Deposit	8/13/2015	9668...	NV Div. of State Lands	Apr.-June 2015, Inv. #5	-180.00	-180.00
Total 5091-00 · Rec.Trails Signage-Motorized					-180.00	-180.00
7015-00 · Salaries & Wages						
Gener...	8/14/2015			8/14 B.Hunt	2,533.39	2,533.39
Gener...	8/14/2015			8/14 E.James	5,307.00	7,840.39
Gener...	8/14/2015			8/14 T.Leffler	2,269.42	10,109.81
Gener...	8/14/2015			8/14 D.Neddenriep	1,334.08	11,443.89
Gener...	8/14/2015			8/14 C.Walker	2,087.60	13,531.49
Gener...	8/28/2015			8/28 B.Hunt	2,516.22	16,047.71
Gener...	8/28/2015			8/28 E.James	4,826.06	20,873.77
Gener...	8/28/2015			8/28 T.Leffler	2,269.42	23,143.19
Gener...	8/28/2015			8/28 D.Neddenriep	1,375.34	24,518.53
Gener...	8/28/2015			8/28 C.Walker	2,106.67	26,625.20
Total 7015-00 · Salaries & Wages					26,625.20	26,625.20
7020-00 · Employee Benefits						
Gener...	8/14/2015			8/14 B.Hunt	768.54	768.54
Gener...	8/14/2015			8/14 E.James	2,300.70	3,069.24
Gener...	8/14/2015			8/14 T.Leffler	1,033.41	4,102.65
Gener...	8/14/2015			8/14 D.Neddenriep	986.53	5,089.18
Gener...	8/14/2015			8/14 C.Walker	307.58	5,396.76
Gener...	8/28/2015			8/28 B.Hunt	763.04	6,159.80
Gener...	8/28/2015			8/28 E.James	2,153.73	8,313.53
Gener...	8/28/2015			8/28 T.Leffler	1,033.41	9,346.94
Gener...	8/28/2015			8/28 D.Neddenriep	993.35	10,340.29
Gener...	8/28/2015			8/28 C.Walker	307.86	10,648.15
Total 7020-00 · Employee Benefits					10,648.15	10,648.15
7101-00 · Director's Fees						
7101-01 · Director Benefits						
Gener...	8/28/2015			Aug.- K.Abowd	1.44	1.44
Gener...	8/28/2015			Aug.- B.Bonkowski	1.44	2.88
Gener...	8/28/2015			Aug.- C.Erquiaga	1.44	4.32
Gener...	8/28/2015			Aug.- D.Jardine	1.16	5.48
Gener...	8/28/2015			Aug.- D.Johnson	1.16	6.64
Gener...	8/28/2015			Aug.- G.Lynn	1.44	8.08
Gener...	8/28/2015			Aug.- W.Penzel	1.16	9.24
Gener...	8/28/2015			Aug.- C.Roberts	1.16	10.40
Gener...	8/28/2015			Aug.- E.Schank	1.44	11.84
Gener...	8/28/2015			Aug.- F.Stodieck	1.16	13.00
Total 7101-01 · Director Benefits					13.00	13.00
7101-00 · Director's Fees - Other						
Gener...	8/28/2015			Aug.- K.Abowd	99.06	99.06
Gener...	8/28/2015			Aug.- B.Bonkowski	99.06	198.12
Gener...	8/28/2015			Aug.- C.Erquiaga	99.06	297.18
Gener...	8/28/2015			Aug.- D.Jardine	80.00	377.18
Gener...	8/28/2015			Aug.- D.Johnson	80.00	457.18
Gener...	8/28/2015			Aug.- G.Lynn	99.06	556.24
Gener...	8/28/2015			Aug.- W.Penzel	80.00	636.24
Gener...	8/28/2015			Aug.- C.Roberts	80.00	716.24
Gener...	8/28/2015			Aug.- E.Schank	99.06	815.30
Gener...	8/28/2015			Aug.- F.Stodieck	80.00	895.30
Total 7101-00 · Director's Fees - Other					895.30	895.30
Total 7101-00 · Director's Fees					908.30	908.30
7103-00 · Office Supplies						
Check	8/12/2015	8083	Edwin James	Reimb. for maps	70.40	70.40
Check	8/17/2015	8086	MyOfficeProducts	July office supplies	208.87	279.27
Check	8/27/2015	8097	Bank of America	Carson Highlands-storage unit	35.00	314.27
Check	8/27/2015	8098	Konica Minolta Business Solutions USA Inc	7/23-8/22/15 copies	233.43	547.70

11:38 AM

09/09/15

Accrual Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2015

Type	Date	Num	Name	Memo	Amount	Balance
Gener...	8/31/2015			Aug. copies-reimb.from grants	-240.60	307.10
Total 7103-00 · Office Supplies					307.10	307.10
7104-00 · Postage						
Check	8/28/2015	8099	Postmaster	2 rolls of \$0.49 stamps (general use)	98.00	98.00
Total 7104-00 · Postage					98.00	98.00
7105-00 · Rent						
Check	8/3/2015	8072	Euronev, Ltd.	Aug. rent 777 E. Wm. St., #102, #103, #110 & #110A	2,169.34	2,169.34
Total 7105-00 · Rent					2,169.34	2,169.34
7106-00 · Telephone/Internet						
Check	8/17/2015	8087	AT&T	8/1-31/15 phones & UM	183.37	183.37
Total 7106-00 · Telephone/Internet					183.37	183.37
7107-00 · Travel-transport/meals/lodging						
7107-01 · Car Allowance						
Gener...	8/14/2015			8/14 E. James	283.21	283.21
Gener...	8/28/2015			8/28 E. James	283.21	566.42
Total 7107-01 · Car Allowance					566.42	566.42
7107-00 · Travel-transport/meals/lodging - Other						
Check	8/20/2015	8088	Edwin James	Reimb. for 8/19/15 Board dinner	228.74	228.74
Check	8/25/2015	8093	Chuck Roberts	8/19 Bd.mtg.-17.58 mi. (CC)	10.11	238.85
Check	8/25/2015	8094	Ernest Schank	8/19 Bd. mtg.travel-128.82 mi. (CC)	74.08	312.93
Check	8/25/2015	8095	Fred Stodieck	8/19 Bd. mtg.travel-32.56 mi. (CC)	18.73	331.66
Total 7107-00 · Travel-transport/meals/lodging - Other					331.66	331.66
Total 7107-00 · Travel-transport/meals/lodging					898.08	898.08
7108-00 · Dues & Publications						
Check	8/12/2015	8085	American Planning Association	10/1/15-9/30/16 APA Cat. A memb. renewal-B.Hunt	160.00	160.00
Check	8/12/2015	8085	American Planning Association	10/1/15-9/30/16 NV Ch. APA memb renewal-B.Hunt	30.00	190.00
Check	8/27/2015	8097	Bank of America	Reno Gazette-May subscr.	30.00	220.00
Total 7108-00 · Dues & Publications					220.00	220.00
7110-00 · Seminars & Education						
Check	8/12/2015	8084	NWMA	C. Walker-10/26/15 Symposium/Conf.	155.00	155.00
Total 7110-00 · Seminars & Education					155.00	155.00
7112-00 · Bank Charges						
Check	8/27/2015	8097	Bank of America	B of A-July finance change (reversed)	-1.00	-1.00
Total 7112-00 · Bank Charges					-1.00	-1.00
7116-00 · Legal						
Check	8/5/2015	8076	Law Office of George N. Benesch	July legal services	3,411.33	3,411.33
Total 7116-00 · Legal					3,411.33	3,411.33
7117-00 · Lost Lakes Expenses						
Check	8/10/2015	8080	NV Div. of Water Resources	Lost Lakes change app. permit fee	480.00	480.00
Total 7117-00 · Lost Lakes Expenses					480.00	480.00
7120-00 · Integrated Watershed Programs						
7120-30 · Watershed Coord.Exp. 2015-18						
Check	8/20/2015	8089	Office Depot Business Credit	Aug. office supplies	79.24	79.24
Gener...	8/31/2015			Aug. copies	69.60	148.84
Total 7120-30 · Watershed Coord.Exp. 2015-18					148.84	148.84
Total 7120-00 · Integrated Watershed Programs					148.84	148.84
7125-00 · Environmental Ed.Coord.Exp.						
7125-02 · Env.Ed.Coord.Exp. 2015-17						
Check	8/10/2015	8079	River Wranglers	Env. Ed. 7/1-31/15	3,403.48	3,403.48
Gener...	8/31/2015			Aug. copies	41.63	3,445.11
Total 7125-02 · Env.Ed.Coord.Exp. 2015-17					3,445.11	3,445.11
Total 7125-00 · Environmental Ed.Coord.Exp.					3,445.11	3,445.11
7210-00 · CR Conservation Tours Exp.						
7210-03 · NPS Conser.Tours 2012-15						
Gener...	8/31/2015			Aug. copies	2.07	2.07
Total 7210-03 · NPS Conser.Tours 2012-15					2.07	2.07
Total 7210-00 · CR Conservation Tours Exp.					2.07	2.07
7404-00 · Noxious Weeds Control-CR Wtrshd						
7404-01 · Noxious Weed Control-Alpine Co.						
Check	8/5/2015	8073	El Dorado County Dept. of Agriculture	FY 2014-15 Alpine watershed weed mgmt	15,000.00	15,000.00
Total 7404-01 · Noxious Weed Control-Alpine Co.					15,000.00	15,000.00
7404-05 · Noxious Weed Control-Churchill						
Check	8/5/2015	8074	Churchill Co.Mosquito, Vector & Weed Cont	FY 2014-15 noxious weed treatment	15,000.00	15,000.00
Total 7404-05 · Noxious Weed Control-Churchill					15,000.00	15,000.00
Total 7404-00 · Noxious Weeds Control-CR Wtrshd					30,000.00	30,000.00
7406-00 · 208 Water Quality Mgmt. Plan						
7406-02 · 208 Plan-LID Practices- 2013-14						
Gener...	8/31/2015			Aug. copies	19.19	19.19

11:38 AM

09/09/15

Accrual Basis

CARSON WATER SUBCONSERVANCY DISTRICT - GENERAL FUND

Transaction Detail by Account

August 2015

Type	Date	Num	Name	Memo	Amount	Balance
Total 7406-02 · 208 Plan-LID Practices- 2013-14					19.19	19.19
7406-00 · 208 Water Quality Mgmt. Plan - Other						
Gener...	8/31/2015			Aug. copies	0.24	0.24
Total 7406-00 · 208 Water Quality Mgmt. Plan - Other					0.24	0.24
Total 7406-00 · 208 Water Quality Mgmt. Plan					19.43	19.43
7419-00 · FEMA MAS #3						
Gener...	8/31/2015			Aug. copies	2.98	2.98
Total 7419-00 · FEMA MAS #3					2.98	2.98
7420-00 · FEMA MAS #4 (Flood Map)						
Gener...	8/31/2015			Aug. copies	10.77	10.77
Total 7420-00 · FEMA MAS #4 (Flood Map)					10.77	10.77
7422-00 · BOR Basin Plan of Study						
Gener...	8/31/2015			Aug. copies	0.08	0.08
Total 7422-00 · BOR Basin Plan of Study					0.08	0.08
7424-00 · NDEP-Watershed Literacy Gr.Exp.						
Gener...	8/31/2015			Aug. copies	79.27	79.27
Total 7424-00 · NDEP-Watershed Literacy Gr.Exp.					79.27	79.27
7426-00 · FEMA MAS #5-Charter/Map/Model						
7426-02 · Smelter Creek-RO Anderson						
Check	8/7/2015	8077	R. O. Anderson	Smelter Cr.-thru 5/24/15		
Check	8/7/2015	8078	R. O. Anderson	Smelter Cr.-thru 8/7/15	15,000.00	15,000.00
Check	8/25/2015	8092	R. O. Anderson	Smelter Cr.-thru 7/19/15	3,500.00	18,500.00
Total 7426-02 · Smelter Creek-RO Anderson					18,500.00	18,500.00
7426-03 · Eagle Valley-Michael Baker						
Check	8/10/2015	8081	Michael Baker International, Inc.	Services through 8/2/15		
Check	8/10/2015	8082	Michael Baker International, Inc.	Services through 8/2/15	7,719.25	7,719.25
Total 7426-03 · Eagle Valley-Michael Baker					7,719.25	7,719.25
7426-00 · FEMA MAS #5-Charter/Map/Model - Other						
Gener...	8/31/2015			Aug. copies	8.16	8.16
Total 7426-00 · FEMA MAS #5-Charter/Map/Model - Other					8.16	8.16
Total 7426-00 · FEMA MAS #5-Charter/Map/Model					26,227.41	26,227.41
7600-00 · Alpine County Projects						
7600-05 · Alpine Watershed Programs						
Check	8/25/2015	8091	Alpine Watershed Group	FY 2015-16 Watershed Program Grant	11,500.00	11,500.00
Total 7600-05 · Alpine Watershed Programs					11,500.00	11,500.00
7600-09 · Al.Co.-CASGEM						
Gener...	8/31/2015			Aug. copies	6.61	6.61
Total 7600-09 · Al.Co.-CASGEM					6.61	6.61
Total 7600-00 · Alpine County Projects					11,506.61	11,506.61
7620-00 · Carson City Projects						
7620-15 · Eagle Cr Streambank Restoration						
Check	8/25/2015	8090	Carson City Parks & Recreation Dept.	FY 2014-15 Eagle Creek restoration	12,400.00	12,400.00
Total 7620-15 · Eagle Cr Streambank Restoration					12,400.00	12,400.00
Total 7620-00 · Carson City Projects					12,400.00	12,400.00
7640-00 · Churchill County Projects						
7640-09 · Lahontan Vly.Wtr.Lvl.Measure.						
Check	8/5/2015	8075	Churchill County	Apr.-June 2015, Lahontan Vly.Wtr.Lvl. Meas. Prog.	5,325.25	5,325.25
Total 7640-09 · Lahontan Vly.Wtr.Lvl.Measure.					5,325.25	5,325.25
Total 7640-00 · Churchill County Projects					5,325.25	5,325.25
TOTAL						

AGENDA ITEM #10

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: OCTOBER 21, 2015

SUBJECT: Agenda Item #10 - Discussion for possible action regarding ratification of the General Manager signing an agreement with HDR Engineering to develop inundation flood maps for the Carson River.

DISCUSSION: Part of the funding from the FEMA MAS #5 grant is designated for the development of inundation flood maps for the Carson River. HDR Engineering has worked diligently to create the floodplain modeling program for the Carson River and is the logical firm to continue that process by developing inundation flood maps of the river. Attached is the agreement and scope of work by HDR to develop the inundation maps for the Carson River floodplain. This project was approved by the CWSD Board as part of the MAS #5 application. Staff requests that the Board ratify the General Manager's action of signing the agreement for development of inundation flood maps for the Carson River.

STAFF RECOMMENDATION: Ratify the General Manager signing an agreement with HDR Engineering to develop inundation flood maps for the Carson River.

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

THIS AGREEMENT is made as of this _____ day of _____, 2015, between Carson Water Subconservancy District ("OWNER"), with principal offices at 777 E. William St., Carson City, NV 89701, and HDR ENGINEERING, INC., ("ENGINEER") a Nebraska corporation, with principal offices at 8404 Indian Hills Drive, Omaha, Nebraska, 68114 for services in connection with the project known as (Carson River NWS Floodplain Mapping) ("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 for Professional Services," 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 Eight Thousand Seven Hundred and Fifty Dollars (\$28,750).

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.

SECTION V. PERIOD OF SERVICE

Upon receipt of written authorization to proceed, ENGINEER shall perform the services within the time period(s) described in Exhibit A.

Unless otherwise stated in this Agreement, the rates of compensation for ENGINEER'S services have been agreed to in anticipation of the orderly and continuous progress of the project through completion. If any specified dates for the completion of ENGINEER'S services are exceeded through no fault of the ENGINEER, the time for performance of those services shall be automatically extended for a period which may be reasonably required for their completion and all rates, measures and amounts of ENGINEER'S compensation shall be equitably adjusted.

SECTION VI. SPECIAL PROVISIONS

There are no special provisions outside of Exhibit B Terms and Conditions.

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

CWSD
"OWNER"
BY: Edwin James
NAME: Edwin James
TITLE: General Manager
ADDRESS: 777 E. William St suite 110A
CC NV 89701

HDR ENGINEERING, INC.
"ENGINEER"
BY: Rudy Edgington
NAME: Rudy Edgington
TITLE: Vice President
ADDRESS: 9805 Double R Blvd.
Reno, NV 89521

EXHIBIT A

SCOPE OF SERVICES



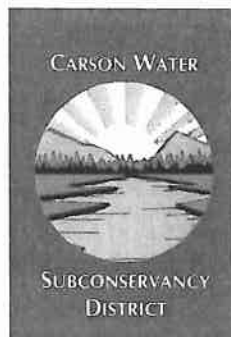
Carson River: Flood Forecast Mapping

Exhibit A

Scope of Services

www.carsonwater.com

August, 2015





Contents

Project Understanding.....	1
1 Project Management	4
1.1 Project Initiation	4
1.2 Invoicing and Progress Tracking	4
1.3 Client Coordination	4
1.4 General Project Coordination	4
2 Public Involvement	5
3 Floodplain Mapping	5
3.1 Hydrology and Modeling	5
3.2 NWS Reach Mapping	5
3.3 CWSD Area Mapping	6
4 Project Reporting	7
5 Quality Assurance Quality Control (QA/QC)	7
6 Schedule	7
7 Budget	7

Tables

Table 1: Anticipated project budget	8
---	---

Figures

Figure 1: NWS Flood Mapping Study Reach	2
Figure 2: CWSD Additional Mapping Study Reaches	3



This page is intentionally left blank.

Project Understanding

The National Weather Service (NWS) River Forecast Center develops and maintains web based river stage and flood hazard warnings for a number of streamgage locations throughout the US. The intent is to inform the public of the potential for flooding at various river stages, and to provide those river stages in real-time where available. One of the streamgage locations included in this effort is the Carson River at Carson City, NV USGS number 10311000. At present the web based information does not include flood hazard mapping for the various stages. The extents of the data are written narratives of flood hazards at various stages from 8- to 19-ft. It is the desire of the NWS staff to further develop their web content for this streamgage to include depth grid flood mapping at ½-ft intervals to 14-ft and then every 1-ft to 19-ft. Stage levels will be mapped based on the model rating curve at the Carson City streamgage. These maps will help the public and emergency responders view flood extents at predicted hazard levels. The Study Reach for the NWS portion of the project will be from the Carson City USGS streamgage to the Deer Run USGS streamgage, approximately 7 miles downstream (Figure 1).

In addition to the depth grids to be published on the NWS website, the Carson Water Subconservancy District (CWSD) desires to map flood depth grids for the 10-, 4-, 2-, 1-, 0.5-, 0.33-, 0.25-, and 0.2-percent-annual-chance events in both The Carson Valley and Lyon County outside the study area for the NWS (Figure 2).

The flood mapping for Carson City and Lyon County will be based on the recently completed HEC-RAS modeling for the Carson River Physical Map Revision (PMR) submitted to FEMA for Mapping Activity Statements (MAS) 1 and 2. This model has been validated to the 1997 event and extends from the Carson City boundary downstream to approximately 9 miles above the Fort Churchill USGS Streamgage.

The flood mapping for the Carson Valley will be based on the MAS 3 modeling to be finalized in September 2015.



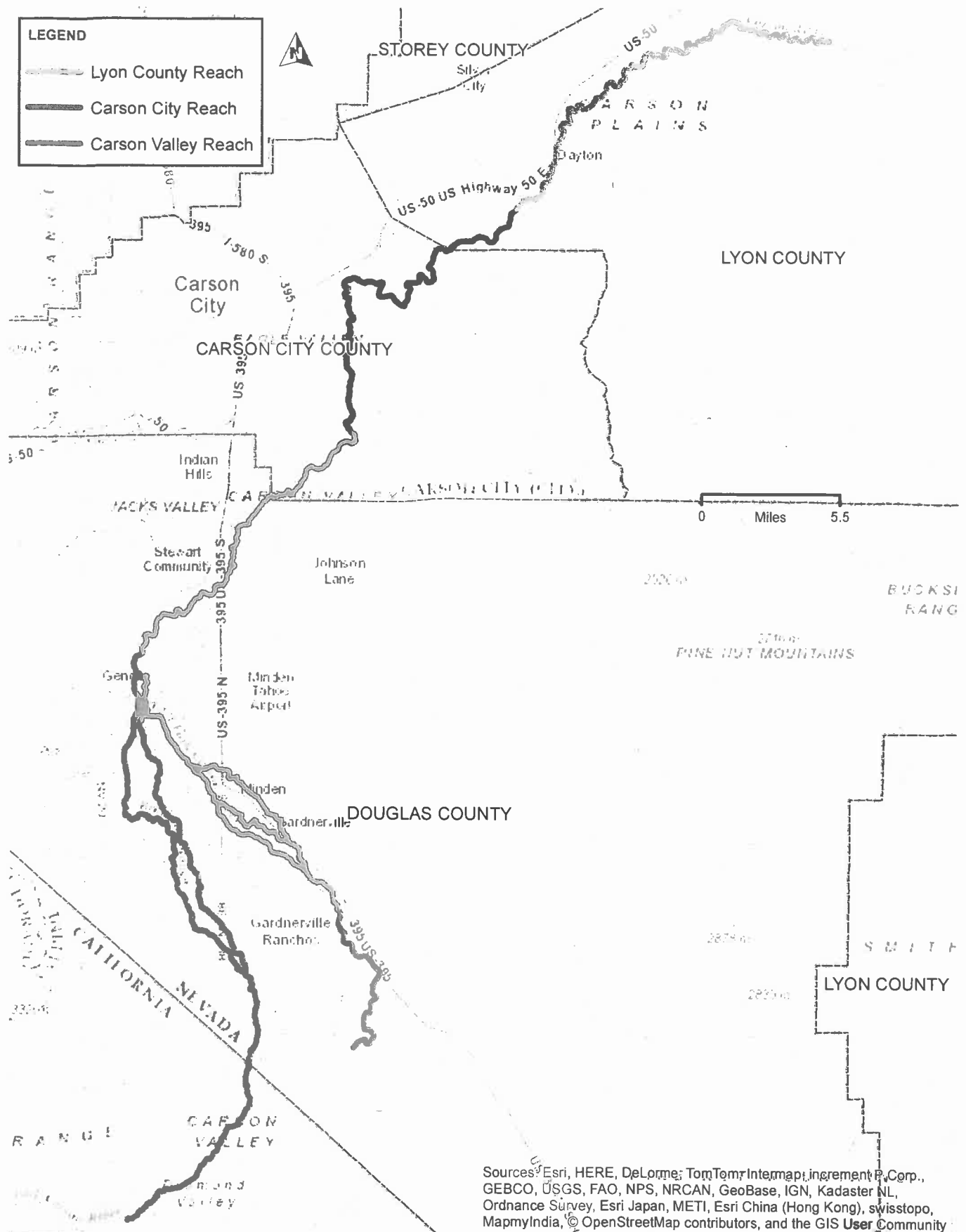
HR



CARSON RIVER, NV
NWS FLOOD HAZARD MAPPING

FIGURE 1

SCOPE OF SERVICES



CARSON RIVER FLOOD HAZARD MAPPING

CWSD STUDY AREAS

FIGURE 2

1 Project Management

HDR personnel will provide project management activities in support of the Carson River NWS Flood Forecast Mapping project. HDR project management activities include project initiation, invoices, project tracking, internal resources review, client coordination, and project coordination. These activities will be conducted to consistently monitor project progress, anticipate project needs, and implement action plans to maintain scope, fee, and schedule to the extent possible.

1.1 Project Initiation

Upon approval of the agreement, HDR personnel will conduct management activities related to the initiation of the project. These will include contract initiation, preliminary project review, and electronic project setup.

1.2 Invoicing and Progress Tracking

Schedule and budget progress will be reported through submission of monthly invoices. Monthly invoices will include summary of tasks worked on in that period, cost to date, and funds remaining for the project to assist the CWSD project manager track progress and project spending.

1.3 Client Coordination

Progress, issue tracking, and action item review will be accomplished through periodic project team phone meetings initiated by HDR. A review of the anticipated project schedule, project status, actions to be taken, and budget will be discussed at each meeting. Possible departures from the anticipated schedule and remaining budget will be identified and a corrective course of action will be discussed, if necessary. Each coordination meeting is anticipated to take no more than one-half hour. For budgeting purposes, it is anticipated that these meetings will be held on a monthly basis.

Proposed changes in or departures from this scope of services identified or initiated by HDR will be provided to CWSD in writing. Proposed changes in or departures from this scope of services identified or initiated by CWSD will be reviewed by HDR and any resulting changes to the schedule/budget will be submitted to the CWSD in writing.

1.4 General Project Coordination

HDR's Project Manager will work with CWSD and NWS personnel to facilitate regular team communication and transfer of information with the project team. Internal project meetings will be held as necessary via conference call or in-office meetings.

Assumptions:

- Project management tasks are estimated based upon anticipated project duration of 6 months.
- Client meetings will last no more than ½ hour.

- CWSD personnel will be responsible for meeting notes.

Deliverables:

- Status reports to accompany monthly invoices.

2 Public Involvement

It is anticipated that the mapping will require input from NWS staff, CWSD staff, and potentially a small group of stakeholders. Meetings will include one general kickoff meeting, one progress meeting, and a final results meeting. CWSD staff will organize, manage, and document project meetings. HDR staff will support CWSD staff with technical information such as maps, figures, and presentations to facilitate meetings.

Assumptions:

- Public involvement meetings will last no longer than three (3) hours each.
- CWSD personnel will be responsible for developing stakeholder groups and stakeholder coordination.
- CWSD personnel will be responsible for meeting agendas and minutes.
- HDR personnel's roles will be limited to technical support and attendance for meetings.
- CWSD and NWS personnel will conduct any necessary public notification.

Deliverables:

- Supporting technical information including maps, figures, and presentations.

3 Floodplain Mapping

HDR staff will use the MAS 1, MAS 2, and MAS 3 HEC-RAS models from the Carson River PMR to develop depth and water surface elevation grids for both Study Areas.

3.1 Hydrology and Modeling

Given the desire of the CWSD to map various flood frequency events ranging from the 10- to 0.2-percent-annual-chance, it will be necessary to scale the current 1-percent-annual-chance hydrographs in the model for these events. HDR staff will use current flood frequency curves to determine the peak flow rate for the desired mapping events and then scale the 1-percent event so the peak matches study events. These events will be run through the models individually and the resulting flood maps will be exported to GIS.

3.2 NWS Reach Mapping

For the NWS reach mapping will be based on flood stages at the USGS Streamgage at Carson City (10311000). Depth and elevation rasters will be based on HEC-RAS model river stages from 8- to 32-ft at the Carson City streamgage location as described in

Project Understanding. Flood mapping will be produced at ½-ft intervals from 8- to 14-ft. and then every 1-ft to 32-ft. In addition to floodplain rasters, HDR staff will create a terrain Digital Elevation Model (DEM) for this reach based on the data developed in MAS 2.

3.3 CWSD Area Mapping

Flood Hazard Mapping for the CWSD areas outside the NWS reach will be based on flood frequency flows rather than river stages. Statistical analyses conducted during the PMR work will be used to extract flow rates for the 10-, 4-, 2-, 1-, 0.5-, 0.33-, 0.25-, and 0.2-percent-annual-chance events for appropriate USGS streamgages within the study areas. The following Streamgage statistics will be used for mapping:

- West Fork Carson River – USGS Streamgage 10310000, West Fork Carson River Near Woodfords
- East Fork Carson River – USGS Streamgage 10309000, East Fork Carson River Near Gardnerville
- Carson City - USGS Streamgage 10311000, Carson River Near Carson City
- Main Stem Lyon County - USGS Streamgage 10311700, Carson River at Dayton

For all areas, depth and water surface elevation (WSE) results will also be added to a series of paper based maps. Paper maps will be produced at the above stage intervals and will also display base data such as aerial imagery, roads, and contours.

Assumptions:

- Digital floodplain boundaries and water surface elevation contours will be developed in ESRI GRID format.
- Preliminary floodplain boundaries will be reviewed at a minimum by the CWSD and NWS. Comments will be integrated as appropriate using sound engineering practices within two (2) weeks of receipt of comments.
- Floodplain boundaries will be edited using best engineering judgment and topographic data developed for the Carson River PMR
- All data will be in North American Datum of 1983 (NAD 83), State Plane Feet, Nevada West (FIPS 2703) horizontal datum and North American Vertical Datum of 1988 (NAVD 88) vertical datum.
- NWS will integrate GIS data into web based formats.
- Depth and WSE grids will be based on the HEC-RAS rating curve stages for appropriate cross sections closest to USGS streamgage locations.
- A total of 47 floodplain boundaries will be created based on the criteria above.
- All gridded data will be delivered at a 1-ft X 1-ft grid cell resolution.
- Gridded data will be in ESRI GRID format.

Deliverables:

- Disks (1 for NWS and 1 for CWSD) containing GIS data, and PDF maps
- One set of 24-in x 36-in Paper maps based on the above data
- Metadata files that comply with Federal Geographic Data Committee (FGDC) standards.

4 Project Reporting

HDR staff will produce a summary Technical Memo outlining the HEC-RAS modeling and GRID based mapping process for this effort.

Assumptions:

- The Tech Memo will be produced in Microsoft Word and then converted to Adobe PDF. A draft Memo will be submitted and reviewed by the CWSD and NWS staff before completion. CWSD will provide one set of consolidated comments on the Draft Report integrating comments.

Deliverables:

- One digital and 1 paper copy of the Memo to CWSD and 1 digital and 1 paper copy to NWS.

5 Quality Assurance Quality Control (QA/QC)

HDR will perform internal QA/QC activities related to project initiation and management in accordance with HDR's internal policies and procedures. HDR will also perform QA/QC on products delivered to the CWSD and NWS using the aforementioned internal policies.

6 Schedule

HDR personnel will work with CWSD and NWS staff upon Notice to Proceed (NTP) to develop a project schedule. Project schedule will be finalized within three (3) weeks of Notice to Proceed. Initially, HDR assumes that all work will be completed within 6 month of the NTP.

7 Budget

Major budget items are summarized below in

Table 1. It is anticipated that this will be billed as a lump sum contract.

Table 1: Anticipated project budget

1	Project Management	\$4,412
2	Public Involvement	\$1,514
3	Floodplain Mapping	\$17,039
4	Project Reporting	\$2,843
5	QA/QC	\$2,942
Total		\$28,750

AGENDA ITEM #11

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: OCTOBER 21, 2015

SUBJECT: Agenda Item #11 - Discussion for possible action regarding a presentation by Rob Anderson on the Smelter Creek study in Douglas County.

DISCUSSION: A component of the FEMA MAS #5 grant is the Smelter Creek Drainage Study in Douglas County which has been conducted by R.O. Anderson Engineering Inc. Rob Anderson will give a presentation on the findings of this study.

STAFF RECOMMENDATION: Receive and file.

AGENDA ITEM #12

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: OCTOBER 21, 2015

SUBJECT: Agenda Item #12 - Discussion for possible action regarding a presentation by HDR Engineering on the preliminary findings of the new floodplain model for the Carson River in Carson Valley.

DISCUSSION: HDR Engineering has been working on the new floodplain model for the Carson River in Carson Valley. Mitch Blum will give a presentation on how the model works, the challenges which have been encountered, and the development of the model into new floodplain maps for the Carson Valley.

STAFF RECOMMENDATION: Receive and file.

AGENDA ITEM #13

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

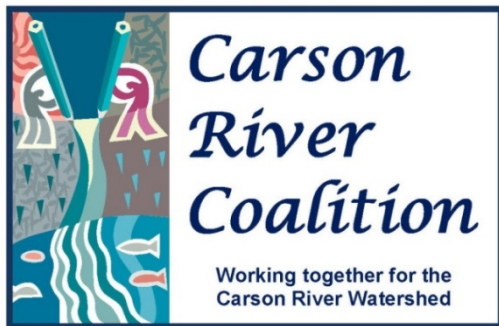
FROM: EDWIN D. JAMES

DATE: OCTOBER 21, 2015

SUBJECT: Agenda Item #13 - Discussion for possible action regarding an update on the CRC meeting on October 21, 2015.

DISCUSSION: Staff will provide an update summary on the morning's Carson River Coalition meeting held in the Digitorium at the Carson City Library. See agenda attached.

STAFF RECOMMENDATION: Receive and file.



CRC Meeting Agenda

Wednesday, October 21, 2015

9AM— 1PM

Location: Digitorium at the Carson City Library, 900 N. Roop St., Carson City

Contact: Brenda Hunt, 775.887.9005 or brenda@cwsd.org

Agenda

1. Welcome & Meeting Overview (5 min)
2. Keynote Speaker – *Daniel P. Beard, Former Commissioner, Bureau of Reclamation and Author of Deadbeat Dams* (45 min)
3. Working Group and Member Introductions and Updates (55 min)
 - a. Working Groups :
 - Education/Outreach
 - River Corridor
 - Invasive Species
 - b. Everyone - Please provide a brief update (two minutes) on your Carson River Watershed projects and/or programs.
4. Break (10 min)
5. Carson River Watershed-Literacy Survey and Program next steps – *Brenda Hunt and Courtney Walker, CWSD* (30 min)
6. Low Impact Development in the Carson River Watershed report — *Brenda Hunt, CWSD* (20 min)
7. **Tentative** - Carson River Mercury Site – Community Involvement Plan Implementation and Remedial Investigation Update-Sarah Cafasso and Andrew Bain – EPA (25 min)
8. On-going Drought and Update on Nevada's Drought Forum – *Ed James, CWSD* (20 min)
9. General Meeting Discussion and Wrap Up (15 min)

Please circulate this announcement widely and post at your location. All are welcome. CRC meetings are open to the public and are made possible through funding from NDEP's Clean Water Act 319(h) grants and CWSD.



NEVADA DIVISION OF
**ENVIRONMENTAL
PROTECTION**



AGENDA ITEM #14

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: OCTOBER 21, 2015

SUBJECT: Agenda Item #14 - Discussion for possible action regarding hiring Still Waters Consultants to review and update counties' flood mitigation measures.

DISCUSSION: Staff will provide a presentation regarding the hiring of Still Waters Consultants to assist with determining flood mitigation measures appropriate for each effected County post-completion of the Carson River Floodplain Modeling and Mapping project. In 2016, the new floodplain model and flood maps should be complete for the reach along the Carson River from Alpine County to just downstream of the Rolling A waste water treatment plant in Lyon County. This model will provide Alpine County, Douglas County, Carson City, and Lyon County with a new tool to better manage the Carson River floodplain. Changes to each county's floodplain ordinances, mitigation measures, and other relevant ordinances are likely to be necessary in order to use the tool effectively and meet FEMA regulations. As part of FEMA MAS #4 and #6, CWSD received funding to hire a firm to review and make recommendations on changes to each county's floodplain ordinances and mitigation measures. Given the timing of the completion of the modeling and mapping, CWSD and county staffs have determined the review and recommendations regarding updated mitigation measures should commence now, and the review and completion of updated ordinances should follow post-completion of the modeling and mapping.

CWSD plans to hire Still Waters Consultants to research, review, and update each county's floodplain mitigation measures. The contract will be administered through CWSD using a separate portion of the FEMA MAS #4 funding. County staffs have reviewed and commented on the proposal. The FEMA MAS #4 budget to hire a consultant is \$30,000. Still Waters ***draft*** scope of work is attached and the proposed budget totals \$29,750. The consultants will work with county staff to determine and recommend a suite of consistent mitigation measures available and potentially unique to each county that will be consistent with FEMA regulations and the adopted Carson River Floodplain Management Plan.

STAFF RECOMMENDATION: Approve staff to expend FEMA MAS #4 funds and enter into a contract with Still Waters Consultants based on hourly rate invoicing, not to exceed \$29,750 in total.



Scope of Work - Budget & Schedule

Action Plan Phase of the Mitigation Measures Project

Prepared for: Carson Water Subconservancy District

Prepared by: Glenn Davis, President
Still Waters Consultants, LLC

Revised October 12, 2015



Action Plan Scope

Mitigation Measures Project Description

Carson Water Subconservancy District (CWSD) is seeking professional services to assist Alpine County, Douglas County, Carson City, and Lyon County to review and modify each county's ordinances and mitigation measures to accommodate the new regional floodplain mapping and flood insurance rate maps. This Mitigation Measures Project will be completed in two phases: Action Plan and Implementation. Still Waters Consultants, LLC, has prepared this document as the scope of work, budget, and schedule for the Action Plan phase.

Definition of Terms

Action Plan: A plan specifying the common and individual mitigation measures to be implemented by each jurisdiction over a 5-year period. The Action Plan is the final product of the Action Plan phase

Action Plan Phase: Phase 1 of the Mitigation Measures Project. The planning process in this phase includes selecting activities, establishing criteria, prioritizing mitigation measures, and finalizing the Action Plan.

Activities: Flood mitigation activities that are being considered for implementation as mitigation measures. Activities can include a variety of floodplain management categories, such as preventive activities, property protection activities, natural resource protection activities, emergency services measures, structural projects, and public information activities.

Criteria: A method for analyzing each jurisdiction individually to determine whether or not activities should be implemented as mitigation measures for a jurisdiction. The criteria includes a system of measuring benefits and drawbacks that an activity contributes to a jurisdiction's community-wide goals for the purpose of ranking the effectiveness of each activity. For example, up-front cost, on-going cost, and use of certain community resources would generally be considered drawbacks, where environmental protection and public safety would generally be considered benefits. Each jurisdiction has its own unique scoring system based on its own individual needs.

Implementation Phase: Phase 2 of the Mitigation Measures Project. The Implementation Phase implements all or a portion of the mitigation measures from the Action Plan.



Investigation Plan: A compilation of goals, activities, and criteria unique to each jurisdiction that will be used to prioritize selection of mitigation measures.

Jurisdictions: CWSD, Alpine County, Douglas County, Carson City, and Lyon County

Mitigation Measures Project: The project for which the jurisdictions sought professional services to review and modify ordinances and mitigation measures to accommodate the new regional floodplain mapping and flood insurance rate maps. The project is divided into the Action Plan Phase and the Implementation Phase.

Scope of Work

Action Plan Phase

Still Waters Consultants, LLC (SWC) is being retained as the lead consultant for completing the Action Plan Phase of the Mitigation Measures project. SWC has subdivided the Action Plan Phase into 4 steps: Investigation, Collaboration, Prioritization, and Confirmation.

Step 1 - Investigation

The purpose of the Investigation Step is to generate a preliminary Investigation Plan. This phase includes limited direct involvement from the jurisdictions while SWC researches local plans and ordinances and other sources to generate a list of potential activities that will be considered as future mitigation measures. SWC will also generate a recommended list of potential criteria that will be used in measuring the benefits and drawbacks of each potential activity. The following table shows the tasks to be completed by SWC and the jurisdictions as part of the Investigation Step.

By	Tasks
SWC	• Research existing plans and ordinances and tabulate goals and activities already established by the community
	• Research local, state, and federal resources to identify other activities to be considered as mitigation measures
	• Recommend potential criteria for each jurisdiction to consider in analyzing and developing a suite of activities unique to its own needs
	• Participate in local coordination meetings by phone for an average of 2 hours per month. Follow each meeting with email correspondence to CWSD summarizing changes needed (if any) to the Action Plan Phase as a result of the meeting.
	• Generate a preliminary Investigation Plan and forward the plan to CWSD



By	Tasks
Jurisdictions	<ul style="list-style-type: none">• Provide to SWC a complete list of existing local plans and ordinances that must be addressed and incorporated into project
	<ul style="list-style-type: none">• Provide to SWC a complete list of jurisdictions to be involved in the project with contact information
	<ul style="list-style-type: none">• Provide to SWC the existing Community Rating System activity worksheets describing all credited activities for CRS-participating jurisdictions

The Investigation step will be deemed complete when the preliminary Investigation Plan is delivered electronically by SWC to CWSD.

Step 2 - Collaboration

The purpose of the Collaboration Step is to enable the jurisdictions to analyze all activities and criteria in the preliminary Investigation Plan. The Collaboration Step ensures that representatives from each jurisdiction participate in the planning process and provide input regarding local community issues that affect the criteria for selecting mitigation measures. By confirming each jurisdiction's individual criteria early in the process, the Collaboration Step maximizes effectiveness of the Prioritization Step that follows. The following table shows the tasks to be completed by SWC and the jurisdictions as part of the Collaboration Step.

By	Tasks
SWC	<ul style="list-style-type: none">• Conduct a site visit to meet with each of the 5 jurisdictions. The site visit shall not exceed three consecutive work days and will take place during the same work week. The visit shall include one meeting (approximately 4-hour duration) with all 5 jurisdictions concurrently to discuss common goals and activities. Up to 5 additional meetings (each approximately 2-hour duration) will be conducted individually with each jurisdiction. The purpose of the meetings is to review the preliminary Investigation Plan, establish common goals for all jurisdictions, identify unique needs of each jurisdiction, and finalize criteria for measuring benefits and drawbacks of mitigation measures unique to each jurisdiction.
	<ul style="list-style-type: none">• After the site visit, collaborate with jurisdictions to finalize information discussed in the visit
	<ul style="list-style-type: none">• Participate in local coordination meetings by phone for an average of 2 hours per month. Follow each meeting with email correspondence to CWSD summarizing changes needed (if any) to the Action Plan Phase as a result of the meeting.
	<ul style="list-style-type: none">• Generate the final Investigation Plan and forward the plan to CWSD



By	Tasks
Jurisdictions	• Assign appropriate staff to review the preliminary Investigation Plan
	• Attend site visit meetings and provide necessary feedback to SWC
	• Establish goals, activities, or criteria that are common to all jurisdictions
	• Identify each jurisdiction's individual goals, activities, and criteria to be used in the Investigation Plan to ensure that each jurisdiction's unique characteristics are addressed.
	• Approve final Investigation Plan

The Collaboration step will be deemed complete when the final Investigation Plan is approved by CWSD.

Step 3 - Prioritization

The purpose of the Prioritization Step is to produce a preliminary list of recommended mitigation measures prioritized for each jurisdiction based on its own unique characteristics. This phase includes limited direct involvement from the jurisdictions while SWC generates a scoring system based on each jurisdiction's unique criteria, analyzes activities separately for each jurisdiction based on its unique scoring system, and creates a prioritized list of mitigation measures in a preliminary Action Plan. The following table shows the tasks to be completed by SWC and the jurisdictions as part of the Prioritization Step.

By	Tasks
SWC	• Analyze activities based on criteria established separately for each jurisdiction
	• Generate a preliminary list of recommended mitigation measures
	• Coordinate with jurisdictions to ensure proper prioritization of mitigation measures
	• Participate in local coordination meetings by phone for an average of 2 hours per month. Follow each meeting with email correspondence to CWSD summarizing changes needed (if any) to the Action Plan Phase as a result of the meeting.
	• Recommend an implementation schedule
	• Generate the preliminary Action Plan and forward the plan to jurisdictions
Jurisdictions	• Coordinate with SWC to clarify how activities are analyzed based on criteria

The Prioritization step will be deemed complete when the preliminary Action Plan is delivered electronically by SWC to CWSD.



Step 4 - Confirmation

The purpose of the Confirmation Step is for the jurisdictions to review the preliminary Action Plan and finalize the Action Plan. At this stage in the process, jurisdictions have the opportunity to review recommended mitigation measures and provide input about the effectiveness of prioritization. Jurisdictions can clarify the scope of mitigation measures and adjust rankings based on unforeseen factors. SWC will also present the final draft Action Plan to a regulatory body of each jurisdiction. The following table shows the tasks to be completed by SWC and the jurisdictions as part of the Confirmation Step.

By	Tasks
SWC	<ul style="list-style-type: none">• Participate in local coordination meetings by phone for an average of 2 hours per month. Follow each meeting with email correspondence to CWSD summarizing changes needed (if any) to the Action Plan Phase as a result of the meeting.
	<ul style="list-style-type: none">• Conduct phone interviews with all 5 jurisdictions. The interviews shall include up to 24 total hours of discussion. SWC recommends approximately 4 hours of discussion with each jurisdiction individually and up to 4 additional hours of discussion with all 5 jurisdictions concurrently to discuss common mitigation measures. The purpose of the interviews is to review the preliminary Action Plan, clarify the scope of activities, and confirm prioritization of mitigation measures customized to each jurisdiction.
	<ul style="list-style-type: none">• After the site visit, collaborate with jurisdictions to finalize information discussed in the visit. Distribute final draft Action Plan to CWSD.
	<ul style="list-style-type: none">• Present the final draft Action Plan to one board or commission or equivalent regulatory body of each jurisdiction. No more than two site visits shall be made by SWC for no more than 4 total work days on site. The anticipated presentations are as follows: one site visit for presentations to Carson City Planning Commission (last Wednesday of the month @ 5:00 pm) and Alpine County Planning Commission (last Thursday of the month @ 6:00 pm); one additional site visit for presentations to Lyon County Planning Commission (2nd Tuesday of the month @ 9:00 am) and Douglas County Planning Commission (2nd Tuesday of the month @ 1:00 pm). SWC will make a presentation to the CWSD Board only if they can schedule a meeting during one of the other visits, preferably moving the meeting to the 2nd Wednesday of the month @ 6:00 pm).
	<ul style="list-style-type: none">• After the presentations, collaborate with jurisdictions to finalize the Action Plan based on feedback from Boards and Commissions
	<ul style="list-style-type: none">• Generate the final Action Plan and forward the plan to CWSD



By	Tasks
Jurisdictions	• Assign appropriate staff to review the preliminary Action Plan
	• Participate in phone interviews and provide necessary feedback to SWC
	• Confirm proper prioritization of mitigation measures for each jurisdiction individually
	• Coordinate meeting schedules and agenda for boards and commissions in conjunction with site visits
	• Approve final Action Plan

The Confirmation Step will be deemed complete when the final Action Plan is approved by CWSD.

Implementation Phase

Upon completion of the Action Plan Phase, CWSD intends to complete the Implementation Phase of the Mitigation Measures Project. Because the purpose of the Action Plan Phase is to prepare for the Implementation Phase, each phase needs to complement the other to ensure effective completion of the Mitigation Measures Project. The Implementation Phase is not a part of this scope of work; nonetheless, a brief summary of tasks for the Implementation Phase is described below in order to better clarify the scope of work for the Action Plan Phase:

- Dedicate resources needed to implement action items
- Finalize implementation schedules for mitigation measures based on available resources
- Generate draft ordinance language to implement specific mitigation measures
- Coordinate final ordinance language with local jurisdictions
- Complete ordinance adoption process for each jurisdiction



Action Plan Budget

Proposed Budget

Still Waters Consultants (SWC) proposes the following budget for the Action Plan Phase:

Step	Title	Resource	Quantity	Rate	Total
1	Investigation	Project Manager	32 hours	\$125	\$4,000
		Floodplain Technician	15 hours	\$80	\$1,200
		Technical Writer	15 hours	\$80	\$1,200
		<i>Subtotal Investigation Phase</i>			<i>\$6,400</i>
2	Collaboration	Project Manager	40 hours	\$125	\$5,000
		Floodplain Technician	10 hours	\$80	\$800
		Technical Writer	10 hours	\$80	\$800
		Site Visit (Travel)	1 round trip	\$1,000	\$1,000
		Site Visit (Per Diem)	3 days	\$250	\$750
		<i>Subtotal Collaboration Phase</i>			<i>\$8,350</i>
3	Prioritization	Project Manager	24 hours	\$125	\$3,000
		Floodplain Technician	15 hours	\$80	\$1,200
		Technical Writer	15 hours	\$80	\$1,200
		<i>Subtotal Prioritization Phase</i>			<i>\$5,400</i>
4	Confirmation	Project Manager	40 hours	\$125	\$5,000
		Floodplain Technician	10 hours	\$80	\$800
		Technical Writer	10 hours	\$80	\$800
		Site Visit (Travel)	2 round trips	\$1,000	\$2,000
		Site Visit (Per Diem)	4 days	\$250	\$1,000
		<i>Subtotal Confirmation Phase</i>			<i>\$9,600</i>
		Total All Phases			\$29,750

SWC proposes to bill costs monthly to CWSD based on work performed toward completing each Step. The total amount billed for each Step will not exceed the budget subtotals shown above.



Action Plan Schedule

Proposed Schedule

Still Waters Consultants (SWC) proposes the following schedule and milestones for the Action Plan Phase of the Mitigation Measures Project:

Step	Title	Milestone	Date ¹
1	Investigation	Start of work	October 26, 2015
		SWC delivers preliminary Investigation Plan	December 4, 2015
2	Collaboration	Coordination meetings ²	December 16, 2015 to December 18, 2015
		SWC delivers final Investigation Plan	January 8, 2016
		Jurisdictions approve Investigation Plan	January 22, 2016
3	Prioritization	SWC delivers preliminary Action Plan	February 26, 2016
4	Confirmation	Phone interviews	March 14-18, 2016
		SWC delivers final draft Action Plan	April 1, 2016
		Presentations to boards and commissions ²	April/May 2016
		SWC delivers final Action Plan	May 20, 2016
		CWSD approves Action Plan	June 3, 2016

¹ Milestone dates are approximate, but are included to illustrate how SWC proposes to meet the jurisdictions' goal for the Action Plan Phase to be completed no later than June 30, 2016.

² SWC requests confirmation of on-site meeting dates approximately 2 months in advance to coordinate workload and travel schedule

STAFF REPORTS

CARSON WATER SUBCONSERVANCY DISTRICT

TO: BOARD OF DIRECTORS

FROM: EDWIN D. JAMES

DATE: OCTOBER 21, 2015

SUBJECT: Agenda Item #15 - Staff reports

DISCUSSION: The following is a list of meetings/activities attended by Ed James and staff since the last Board meeting on September 16, 2015:

- 9/18/15 - Ed attended the Carson Valley Agricultural Committee meeting in Minden.
- 9/21/15 - Brenda and Courtney met with NDEP and EPA on the Stewardship Plan update.
- 9/21/15 - Courtney met with a Carson City teacher for watershed map content standards.
- 9/21-23/15 - Ed participated in the State Drought Forum.
- 9/23/15 - Courtney listened to a webinar entitled "Environmental Benefits of Organic Agriculture: Water Quality."
- 9/26/15 - Brenda and Courtney spoke at the Silver Saddle Ranch Celebration.
- 9/27/15 - Brenda and Debbie attended the River Wrangler's Round-up and Membership Drive at Dayton State Park.
- 9/28/15 - Brenda attended a Carson City Focus Group meeting regarding revamping William Street (Hwy. 50).
- 9/29/15 - Courtney and Debbie participated in a Flood Awareness Week planning meeting.
- 9/29/15 - Ed attended a Carson City Focus Group meeting regarding revamping William Street (Hwy. 50).
- 9/29/15 - Ed participated in a Drought Forum at Truckee Meadows Community College in Reno.
- 10/1/15 - Ed gave a presentation to the Carson City Board of Supervisors regional update.
- 10/1/15 - Ed and Brenda met with Mitch Blum of HDR Engineering regarding the FEMA MAS flood model.
- 10/5-14/15 - Staff participated in the annual CWSD audit with Kohn & Company.
- 10/5/15 - Ed, Brenda, and Courtney picked up the vans in Reno for the Carson City Open Space field trip on 10/6/15.
- 10/6/15 - Brenda and Courtney participated in the Carson City Open Space CRC "Get on the Van Man" field trip.
- 10/6/15 - Ed gave a regional update to the Alpine County Board of Supervisors.

- 10/6/15 - Ed went to Lost Lakes to open the valve to release water but found it stuck.
- 10/6/15 - Ed gave a regional update to the Gardnerville Water Company Board.
- 10/7/15 - Ed and Debbie went to Lost Lakes to open stuck valve for water release.
- 10/7/15 - Ed and Brenda gave a Low Impact Development (LID) practices presentation to the Builders Association of Western Nevada (BAWN).
- 10/7/15 - Brenda and Courtney participated in leader training for Snap Shot Day at Carson River Park and Lloyd's Bridge.
- 10/8/15 - Ed, Brenda, and Courtney gave presentations to NDEP for Watershed Literacy and the Virginia Rocky Diversion Project 319(h) grant proposals.
- 10/8/15 - Brenda met with Lynn Zonge to go over their Nevada Water Resource Association (NWRA) Conference presentation.
- 10/9/15 - Ed and Debbie returned to Lost Lakes to shut off the water release.
- 10/10/15 - Debbie helped Alpine Watershed Group with the Alpine Aspen Festival in Hope Valley.
- 10/11/15 - Courtney helped Alpine Watershed Group with the Alpine Aspen Festival in Hope Valley.
- 10/12/15 - Ed met with Director Osborne regarding the possibility of Storey County becoming a signatory to the FEMA Charter.
- 10/13/15 - Brenda gave a LID practices presentation to the Lyon County Planning Commission.
- 10/13/15 - Ed participated in the Carson Truckee Water Conservancy District Board of Directors meeting.
- 10/13/15 - Brenda and Courtney participated in calibration of equipment for Snap Shot Day.
- 10/14/15 - Ed participated in a NWRA meeting.
- 10/14/15 - Courtney gave a presentation to the Carson High School Future Farmers of America (FFA) group about Snap Shot Day.
- 10/14/15 - Brenda met with NDEP staff to organize Clear Creek Snap Shot Day.
- 10/15/15 - Brenda or Courtney and Toni participated in a Flood Awareness Week planning meeting.
- 10/15/15 - Brenda and Lynn Zonge conducted a dry run of their Nevada Water Resource Association (NWRA) Conference presentation.
- 10/15/15 - Brenda met with Steve Lewis to discuss their presentation to the Tribal EPA Conference.
- 10/15/15 - Brenda gave a LID practices presentation to the Storey County Planning Commission.
- 10/16/15 - Brenda and Courtney participated in the annual Carson River Snap Shot Day.

- 10/19/15 - Ed and Director Rawson participated in the NWRA Fall Symposium in Reno. Courtney and Brenda gave a presentation on Low Impact Development (LID) and the Watershed Survey.
- 10/20/15 - Ed, Brenda, Courtney, and Director Rawson participated in the NWRA Fall Symposium in Reno.
- 10/20/15 - Brenda and Mary Kay Wagner from NDEP gave a presentation on water resources, drought, and water quality to a citizen's group at St. Paul's Lutheran Church in Carson City.
- 10/21/15 - Staff participated in a bi-annual Carson River Coalition (CRC) meeting.

Additional meetings/activities anticipated by staff until the end of October include:

- 10/22/15 - Ed and Debbie will listen to a FEMA Cooperating Technical Partners (CTP) webinar.
- 10/26-29/15 - Courtney will participate in a Nevada Department of Agriculture (NDA) Medusahead Symposium and Nevada Weed Management Conference in Reno and give a presentation at the conference on 10/29.
- 10/27/15 - Brenda and Toni will participate in a Flood Awareness Week planning meeting.
- 10/27/15 - Ed will attend a meeting with the State Source Water Protective in Churchill County to finalize a report.
- 10/27/15 - Brenda and Steve Lewis of the University of Nevada Cooperative Extension (UNCE) will give a presentation on CRC Coordination to the Tribal EPA Region 9 Conference in Reno.
- 10/28/15 - Ed will participate in the Nevada Silver Jacket meeting.
- 10/28/15 - Ed and Brenda will give a LID practices presentation to the Carson City Planning Commission.

STAFF RECOMMENDATION: Receive and file.

CORRESPONDENCE

ONE HUNDRED ONE NORTH CARSON STREET
CARSON CITY, NEVADA 89701
OFFICE: (775) 684-5670
FAX NO.: (775) 684-5683



555 EAST WASHINGTON AVENUE, SUITE 5100
LAS VEGAS, NEVADA 89101
OFFICE: (702) 486-2500
FAX NO.: (702) 486-2505

Office of the Governor

October 5, 2015

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

Dear Mr. James:

I write to offer my thanks for your participation in the Nevada Drought Summit, and to express my appreciation for your efforts to share your knowledge and work with other stakeholders to address this challenge.

I believe the Summit will serve as a national model for bringing stakeholders together to address long-term challenges associated with issues ranging from resource management and conservation, to economic development and sustainable planning. Nevada is the driest state in the nation and we have responded to a prolonged drought with innovative approaches that are now being adopted in other states and internationally. The Nevada Drought Summit continues our state's decades-long pursuit of the best practices for managing water resources in ways that support key industries as well as future growth.

We have worked to be at the forefront of this issue but we must continue our commitment to innovative conservation measures and plan for the future. Again, thank you for coming together to share your ideas and insights and help address this most critical challenge.

*Thank so much
for your support -*

Sincere regards,

A handwritten signature in blue ink, appearing to read "B. Sandoval", written over a horizontal line.

BRIAN SANDOVAL
Governor