



**CRC Floodplain Management Working Group**  
**Meeting Notes**  
**May 31, 2023**  
 In person & via Zoom

**In Attendance:**

Name	Title	Acronym	Organization
Bunny Bishop	Chief, Water Planning and Drought Resiliency	NDWR	Nevada Division of Water Resources
Mitch Blum,	Professional Engineer (PE), Certified Floodplain Manager (CFM)	HDR	HDR, Inc.
Sam Booth	Community Development Director	Alpine	Alpine County
Lyndsey Boyer	Open Space Manager	CC PROS	Carson City Recreation and Open Space
Kathy Canfield	Planning Manager , AICP	Storey	Storey County
Louis Cariola	Community Development Director, AICP	Lyon	Lyon County
Shane Fryer	Water Program Specialist	CWSD	Carson Water Subconservancy District
Mark Gookin	PE, CFM		Terraphase Engineering
Brianna Greenlaw	Stormwater Program Manager, PE, CFM	CC PW	Carson City Public Works
Chris Harrod	CERC CTP Lead, Resilience Action Partners	MB	Michael Baker, International
Brenda Hunt	Watershed Program Manager	CWSD	Carson Water Subconservancy District
Ed James	General Manager, PE	CWSD	Carson Water Subconservancy District
Michael Kelly	Engineer	J-U-B	J-U-B Engineering
Rachael Kieffer	Headwaters Coordinator	AWG	Alpine Watershed Group
Lori Leonard	River Fork Ranch Preserve Manager	TNC	The Nature Conservancy
Mareena Lovejoy	Senior Natural Resource Specialist	CC PROS	Carson City Recreation and Open Space
Debbie Neddenriep	Water Resource Specialist 2, CFM	CWSD	Carson Water Subconservancy District
Kelly Nicholas	Watershed Technician	CWSD AmeriCorps	Carson Water Subconservancy District
Cale Pete	Environmental Manager	Washoe Tribe	Washoe Tribe of Nevada & California
Max Robinson	Water Resource Specialist 1	CWSD	Carson Water Subconservancy District
Catrina Schambra	Administrative Assistant	CWSD	Carson Water Subconservancy District
Amanda Singleton	Assistant Stormwater Engineer	CC PW	Carson City Public Works
Christy Sullivan	District Clerk and Specialist	LCD	Lahontan Conservation District
Courtney Walker	Stormwater Program Manager	Douglas	Douglas County

**Round Robin Updates**

- ★ **Mareena Lovejoy, Senior Resources Specialist, Carson City Parks, Recreation & Open Space --** Lyndsey Boyer introduced Mareena Lovejoy who is the new Senior Resources Specialist. Mareena was previously with CCOS in 2019. Lyndsey is very excited to have her back! Mareena had moved to Colorado and been active with the Forest Service in the noxious weeds area. She is glad to be back in Carson City.
- ★ **Lori Leonard, The Nature Conservancy, River Fork Ranch Preserve Manager–** Lori reported it was an awesome Spring. The preserve is the lowest point in Carson Valley and received beautiful flooding! She was able to get excellent video of why flood plains are so important. The water is finally starting to recede over the past week.
- ★ **Cale Pete, Environmental Manager, Washoe Tribe -** Cale reported elevated flows in Clear Creek at 5 foot wide, but waist deep where it is usually 12” deep.

☆ **Chris Harrod, Resilience Action Partners** - Chris is currently working in the Russian River Watershed in California and wanted to tune in to see what's happening in the Carson River Watershed. Chris formerly worked for FEMA Region 9.

☆ **Courtney Walker, Stormwater Program Manager, Douglas County**— Pinenut flooding in March and everyday flooding issues with the rains, but Douglas County is doing good! Debbie Neddenriep asked her about the explosion on the East Fork. Courtney explained it was an attempt to clear debris in diversions. The bomb squad was called to help clear blockage. Students had asked Debbie about it at an outreach event the day before and Cale Pete said he heard it at his house too.

☆ **Louis Cariola, Community Development Director, Lyon County** – The Carson River has not been the focus of their emergency efforts; it is the Walker River flooding in Lyon County. The flooding issues are expected throughout June with many homes threatened. Louis is also busy working with CWSD on ADMPs in Stagecoach and Silver Springs north of Highway 50.

☆ **Brianna Greenlaw, Stormwater Program Manager, Carson City** – Flooding in Carson City is looking good. The East Carson City ADMP has been presented and accepted. The Southeast Carson City ADMP is still in the works. Currently planning a community outreach event. A high-water mark structure is in process with Lumos at Morgan Mill, but the exact location has not yet been determined.

☆ **Amanda Singleton, Assistant Stormwater Engineer, Carson City** – Amanda works with Brianna and is just tuning in today to listen and learn.

☆ **Bunny Bishop, Chief, Water Planning & Drought Resiliency, Nevada Division of Water Resources** – Updates for FPM will be starting up in early July. Bunny is sitting in for Erin Warnock today. Please let the public know to reach out to their office with flood recovery issues and questions.

☆ **Mitch Blum, Engineer, HDR** – Flooding below Lahontan has kept him busy. It's very exciting!

☆ **Christy Sullivan, District Clerk, Lahontan Conservation District** – (Microphone not working – listening only today.)

☆ **Rachel Kieffer, Headwaters Coordinator, Alpine Watershed Group** – Their area is currently flooded and covered in snow! River monitoring will start next week. Hope Valley is flooded and full, so it is good to see it is doing what it is supposed to do. Faith Valley is not accessible because Blue Lake Road is still closed, so travel is available up 2 miles only. AWG is in the process of hiring a new staff member. They will also have a new AmeriCorps intern in the Fall to concentrate on conservation efforts. Training has been pushed to July due to the flooding and snow.

☆ **Kathy Canfield, Planner Manager, Storey County**—Most of the Virginia City snow is gone now. There were some problem areas with flooding, but not bad.

☆ **Sam Booth, Community Development Director, Alpine County** – Echo what Rachel reported, there is still lots of snow! Hiking and fishing are not accessible. There is several feet of snow in the roadways, too deep for road crews to move. Markleeville had flooding in Heritage Park. Faith Valley is full and Highway 88 was washed out but was fixed in 2 days! In other news, new maps were approved for Floodplain Ordinance. Maps become effective in November. Next week the Board of Supervisors meet to approve Heritage Park and Markleeville Creed Project (with Caltrans) to repair and return to natural floodplain status. CWSD is super excited to see this project finally move forward! It started in 2014! Once agreements are signed the money to the Alpine County is \$1.6 million! Stantec and AWG are partners with this project. Sewer lines to be moved out first. The contract will be out to bid in early Spring, so moving forward in 2024/25.

☆ **Mark Gookin, Engineer, Terraphase Engineering**— He is working with Carson City on projects in the watershed.

☆ **Michael Kelly, Engineer, J-U-B Engineering** – He will be working on the hydrology study. Changes to the scope of the projects and relying on finish of current study before it begins. The project is a redesign of hydrology for Douglas County mitigation efforts to make the area consistent with other areas.

☆ **Kelly Nicholas, Watershed Technician, CWSD AmeriCorps**– Kelly introduced herself to the group.

☆ **Lyndsey Boyer, Open Space Manager, Carson City Parks, Recreation & Open Space** -- – The site by Buzzy's Ranch trail has a mitigating banks ongoing issue. The Ranch Trail which they thought has hit its max in 2020, but after this winter it lost another 20' of bank. CC is trying to get through the emergency repair permitting and getting a new design. Bank erosion keeps changing the project and CC needs to get a consultant onboard asap.

☆ **Ed James, General Manager, CWSD**– Ed believes the peak has come and gone but flows will still be high. Erosion will continue to riverbanks.

☆ **Debbie Neddenriep, Water Resources Specialist 2, CPM, CWSD** – Debbie explained the Walker River Flood Risk Analysis project. It was discovered that the Walker River Paiute Tribe and Washoe Tribe Hazard Mitigation Plans (HMP) have lapsed. These need to be in place for emergency funding. Lyon County and Mineral County need to involve tribes in the HMP updates. Debbie met with Courtney Walker to select a site for the High-Water Mark Sign at Carson Valley Golf Course. She has also been super busy with outreach. She has been stressing at these events that the rivers are full, ditches are full and clay soil is very slippery and dangerous! Debbie also noted realtors are selling properties in the floodway. Louis Cariola agrees, there is a need to draft language to require disclosure!

☆ **Max Robinson, Water Resources Specialist 1, CWSD** – He says the CWSD portion has been covered, but he just wanted to mention that he participated in an outreach event this morning with 2<sup>nd</sup> graders, and he really enjoyed it!

☆ **Shane Fryer, Watershed Program Specialist, CWSD** – Regarding the Recreational Aquatic Trail project, the RFQ will go out soon. Looking for a design for the Mexican Dam that incorporates safety as well as use of the trail. He also mentioned he was out on the river over the weekend and the water was flowing fast and high. He got great footage to share soon!

☆ **Brenda Hunt, Watershed Program Manager, CWSD** – Brenda is glad to see more interpretive signs on the river. Carson City and the Tails grant will be working to include the “iamcarsonriver” campaign in these signs.

## 2023 ASFPM Conference Salt Lake City:

Debbie reported that there could possibly be an arid region track but will need 4 abstracts to be submitted. She asked who was planning on going so they could work together to make this happen. She asked everyone to think about this as it is a perfect opportunity for arid regions to get attention so we should support this.

- Mitch Blum is attending and submitting an abstract
- Bunny Bishop is attending
- Brianna Greenlaw may attend
- Courtney Walker is attending FMA in Los Angeles this year
- Louis Cariola does not have the budget for this.

## NDWR – Floodplain Manager / Flood Awareness Week:

They are applying for the next round of funding and should have funding for outreach. The next Silver Jackets meeting is June 20 9:30-11:30 and open to all.

## Emergency Information Updates –

Please email your information and services so we can update CWSD’s website and provide the information on social media.

## Hazard Mitigation Plans – When are the next county updates?

- Douglas County is slated to be updated next year. They have applied for funding to complete the update. Ed asked to be included in these meetings.
- Storey County has one more year before it needs to be updated. The Emergency Management Director is leaving soon and they will have a new person in place by then. They will make sure CWSD is included in meetings.
- Lyon County will add CWSD to future meetings
- Carson City will be looking into this and return with update
- Alpine County is due this year. Sam Booth will be starting this asap and including CWSD

## Other Notes:

Debbie reported there was FEMA money left over because they did not need LOMR for the Stagecoach ADMP. They will be using funds to update the Floodplain Management Plan to get more CRS credits. Flood hazard areas will get insurance discounts based on CRS credits. The deadline for completion is 2025.

Brenda and Shane reported on the “Get On The Bus” 2-day watershed tour and the East Fork River Float events planned for June and urged everyone to participate if they can.

Shane showed drone footage of the new weir in Churchill County.

## Next Meeting: Wednesday, July 26, 2023, 1:30-3:30pm

Please send any agenda items to [brenda@cwsd.org](mailto:brenda@cwsd.org). A Douglas County Lid Outreach Presentation is planned for the July meeting

## Meeting Chat:

13:36:45 From Christy Sullivan - LCD : My microphone is not working.. Trying to figure it out!  
13:39:56 From Chris Harrod (Resilience Action Partners, ARC, MBI) : the house next to our house.  
13:42:18 From CWSD Conference Room : Replying to "My microphone is not..."sometime logging off and back on works. If nothing else  
13:42:25 From CWSD Conference Room : Reacted to "localflooding1(1).jpg" with 👍  
13:48:54 From Michael Kelley, J-U-B : Sorry I'm late. Technical difficulties.  
13:51:55 From Christy Sullivan - LCD to CWSD(Direct Message) : I think I have microphone fixed!  
13:54:06 From CWSD : Reacted to "localflooding1(1).jpg" with 😬  
13:54:50 From Christy Sullivan - LCD to CWSD(Direct Message) : Darn it cant get the mic to work

14:56:41 From Bunny Bishop, NV DWR : Next Nevada Silver Jackets meeting Tuesday June 20th 9:30am-11:30am

14:57:59 From Mitchell Blum HDR : Have to bounce to another meeting, have a great afternoon!

15:00:09 From CWSD to Rachel Kieffer, Alpine Watershed Group(Direct Message) : You're going right??!

15:00:27 From Rachel Kieffer, Alpine Watershed Group to CWSD(Direct Message) : No, I am on vacation that week :(

15:00:59 From CWSD to Rachel Kieffer, Alpine Watershed Group(Direct Message) : Ohh noooo! :(

15:01:21 From Rachel Kieffer, Alpine Watershed Group to CWSD(Direct Message) : I know! Kimra and our new staff member should be joining though.

15:01:54 From CWSD to Rachel Kieffer, Alpine Watershed Group(Direct Message) : Reacted to "I know! Kimra and o..." with 👍

15:01:57 From CWSD to Rachel Kieffer, Alpine Watershed Group(Direct Message) : We will have more trips. I will let know and try to get you a seat! Have a great vacay!

15:04:45 From Bunny Bishop, NV DWR : I have to go to another meeting. Have a great rest of your day! That video was...WOW!

15:05:19 From CWSD : NEXT MEETING DATE IS IN 2 MONTHS???

15:06:09 From CWSD : Reacted to "NEXT MEETING DATE IS..." with 👍

15:06:45 From Chris Harrod (Resilience Action Partners, ARC, MBI) : I've got to drop off. Thanks for including me. Great to hear the conversations that are taking place. These are the benefits FEMA gets for free when funding CTPs. As CERC CTP Lead, I hope I can highlight some stories from this group and these meetings. I'll be in touch Debbie!

15:08:11 From Brianna Greenlaw : Thanks everyone!