



CRC Floodplain Management Working Group

Meeting Notes

Wednesday, July 23, 2025

1:30 -3:30pm

Contact: Brenda Hunt (775) 887-9005, brenda@cwsd.org or Debbie Neddenriep debbie@cwsd.org

Meeting Purpose: CRC Floodplain Management Working Group is a broad stakeholder group within the Carson River Watershed that works together to implement the suggested actions in the Regional CR Floodplain Management Plan (RFMP).

Attendees:

First	Last	Title	Acronym	Organization
Mitch	Blum	Professional Engineer, Cert. Floodplain Mgr.	HDR	HDR, Inc.
Kristina	Burnette	Environmental Scientist	WEPD	Washoe Env. Protection Department
Kathy	Canfield	Planning Manager, AICP	Storey	Storey County Planning Department
Sean	Casler	Environmental Scientist	NDEP	NV Division of Env. Protection, NPS
Daniel	Conley	Risk Analyst	FEMA	FEMA, Mitigation Division
Tanner	Dye	Emergency Management Coordinator	DC	Douglas County
Sarah	Fichtner	State Floodplain Mgr/NFIP Coordinator	NDWR	NV Division of Water Resources
Katie	Hay	Stormwater Clerk	DC	Douglas County
Randy	Hines	Public Works Director	ChPW	Churchill Co. PW, Planning & Building
Brenda	Hunt	Watershed Program Manager	CWSD	Carson Water Subconservancy District
Hiruni	Jayasekera	Superfund Community Involvement Coord.	EPA	Environmental Protection Agency
Lindsay	Marsh	Water Resource Specialist 1	CWSD	Carson Water Subconservancy District
Lisa	Nash	Senior Planner	Lyon	Lyon County Community Development
Debbie	Neddenriep	Water Resource Specialist 2, CFM	CWSD	Carson Water Subconservancy District
Kelly	Nicholas	Senior Watershed Clerk	CWSD	Carson Water Subconservancy District
Andrew	Pavlu	Flood Mapping Coordinator	DWR	Division of Water Resources
Karin	Peternel	Carson City Stormwater Program Manager	CCPW	Carson City Public Works
Amanda	Singleton	Assistant Project Manager	CCPW	Carson City Public Works
Christy	Sullivan	District Clerk	LVCD	Lahontan Valley Conservation District
Courtney	Walker	Stormwater Program Manager, Public Works	DC	Douglas County
Tom	Young	Chief Hydraulic Engineer	NDOT	NV Department of Transportation

1. Member introductions and round robin updates:

Daniel Conley is the new CTP Manager for FEMA Region 9.

Hiruni Jayasekera, the EPA Community Involvement Coordinator for the Carson Superfund Site, introduced herself.

Mitch Blum, HDR – The Carson Valley and the Pine Nut Creek maps have been published for FEMA, which is a big accomplishment. In Churchill County, the issue of management of the Carson diversion in Churchill Co. remains unresolved; TCID and the Bureau of Reclamation hopes FEMA can help facilitate.

Kathy Canfield, Storey - Working with CWSD on the Gold Hill, Divide, and , Silver City area master drainage plan. We had a meeting maybe a month or so ago with the community, and I thought it was well attended for that small little area. Working on that and projects associated with the Truckee River (Lockwood, a hazard mitigation plan for Long Valley Creek). Trying to figure out funding for large dollar amount projects that were identified. EPA did some mercury testing in June, Storey Co. is awaiting test results from last year.

Andy Pavlu, DWR – DWR seeks to update their floodplain model with new topography. They were working with a contractor but the scale of the model isn't large enough, so they will have to build their own. They will work back to UNR's maker space. Former CWSD employee Shane Fryer has a 3D printer, but it's probably not large enough. However, CWSD will pass along his contact info so he and DWR can discuss. *Andy had to leave Floodplain Manager GIS mapping coordinator position since FEMA CTP funds for his position was not granted.*

Courtney Walker, DC -Douglas County is doing a Pine Nut Road/Sawmill Road wash drainage study currently to come up with some projects for that watershed. They are also working on having a stormwater funding public meeting on Sep. 17 at 3pm at the CDC Hall. Public comment is welcome before, during and after the meeting.

Debbie Neddenriep, CWSD – Comments to the FEMA review council were due that afternoon. After a meeting of the House Transportation and Infrastructure Committee, the future of several programs and NOFOs remains uncertain.

Brenda Hunt, CWSD – The Nevada Chapter of the American Planning Association will host an October conference in Minden and they are calling for session topics. CWSD is considering submitting the Regional Floodplain Management Plan and the 30-Year Regional Water Plan as topics. Submissions are due 7/28 at 6 p.m. She will send out abstract submittal information after meeting.

Karin Peternel, CCPW – Made comments to NDEP's Integrated Water Report and is moving to comments for NDEP's nonpoint source plan. Hopefully, moving forward there will be technical advisory committee meetings to ensure local expertise is incorporated in these kinds of plans in the future.

Brenda Hunt commented: The water quality integrated report is a collection of data NDEP has collected over the years. It reassesses beneficial uses and if the water segments in the state are meeting them. We found that the data is on a two-year time delay; more frequent data collection and use of recent data is needed to delist constituents of concern and make practical management decisions. IN 2018 EPA changed delisting requirements to a non-exceedance of a 30-day geometric mean; under that stricture, current sampling frequency, and current data use, that standard will never be met. An effort needs to be made to see what's happening on the ground.

Courtney, Marenn Lovejoy and Lyndsey Boyer from Carson City, and CWSD all contributed comments to the report. As things stand, this protocol has ramifications for Carson City's Carson River Master Plan update (in

progress) and CWSD's Carson River Adaptive Stewardship Plan (update due in 2027), and what river uses can be promoted.

Kristina Burnette, WEPD – WEPD will begin thinning in Meeks in the next couple of days, possibly for a few weeks.

2. Nevada Division of Water Resources – Updates

There will be a local floodplain manager's meeting on Aug. 18 to discuss collaboration opportunities and training needs. Hopefully this will become a regular calendar item. The FAW committee meets Aug. 8, and the new acronym is FACT (Flood Awareness Communications Team). For FAW, the goal is for fresher graphics and, depending on funding, this may need to get a little creative. Community Emergency Response Teams from the counties may be one form of community outreach. Kelly will see how many CERT members have experienced a post-flood scenario. DWR will be putting out RFQs for billboard, print, and radio ads soon. They will soon be reaching out to the Dept. of Insurance to collaborate on insurance-related content.

The Nevada Floods website has had an update. Their first blog post will come out soon, and they have a new After the Flood guide. There is also plenty of Nevada Floods swag – coloring books, yoyos, and tote bags.

3. Emergency Management Updates

- a. ~~OEM Update & Grant opportunities (Janell/Heather)~~ This agenda item will be removed next quarter due to lack of interest from Nevada OEM.

Local Emergency Manager Updates

Tanner Dye, DC - DEM just transitioned to the Office of Emergency Management under the governor; a lot better streamlined communication and coordination there, directly to the governor's office. August 13 and 14 OEM will do a big exercise at the state EOC, and they're transitioning to a new response model.

Courtney Walker, DC – Stormwater received hazard mitigation grants through DEM/FEMA – awarded and officially approved. They're moving forward with a property out in Johnson Lane. A second one will fund an upgrade to overcrossings under Buckeye Road at Martin Slough. These applications were submitted three years ago, but they're moving through the system.

Debbie Neddenriep, CWSD – Brittany Duncan is an FMA board member and in the National Guard as the staff sergeant who leads hazardous materials response. She connected her with the National Emergency Preparedness Association executive director, which was great because NEPA had been trying to connect the Guard with its level-one response team. NEPA is organizing a joint conference with sheriffs, fire captains and emergency managers. At this year's NEPA summit in February she set up a panel of floodplain managers and one planner to speak to emergency managers about the need to work together. While at the summit she learned that water managers need to understand where the power is going to be shut off during a fire and that municipal systems are built only for municipal use, which has implications for Incline residents who are installing large water systems on their properties for fires—municipal infrastructure isn't compatible and so they won't receive the water they expect.

4. Grant updates not previously mentioned

- a. FEMA (Debbie)

The 30-year drought plan and the North Dayton BCA are Emergency Management grants funded

through BRIC. This initial North Dayton BCA is to further develop it; the next step would be to apply for funding to build. Lumos and J.E. Fuller are moving forward with some culvert projects; Prospector Basin was ruled out because it couldn't pass a BCA. Storey County has had meetings between planning and public works; they were looking for implementable projects within a certain dollar amount. The original design also called for obtaining two residential properties with houses on them, creating more work to avoid any property takeover and increasing costs. The other two of the top three projects are solely in Lyon County.

- i. COMS 3 – still waiting on NOFO. (CWSD is slated to receive \$400K; ASFPM has issued a letter to FEMA). They have worked with national dam safety folks to issue a letter to Richardson and the president and congressional folks.
- ii. COMS 2 – ongoing hazard map studies: South Silver Springs, Gold Canyon ADMP, and Pinenut/Sawmill wash. CWSD staff is working with Flood Awareness Communication Team and Nevada Silver Jackets on risk communication and outreach.
- iii. COMS 1 – closing out. Floodplain Management Plan adopted by most counties, adoption by Douglas and Lyon in August. Lindsay will go to the Lyon Co. BoC August 7, and then Brenda and Debbie will present the plan to the Douglas County Planning Commission on Aug 12 and then to their BoC Aug. 21.
- iv. Web Hazard Viewer update in process – Background: The [regional flood hazard viewer](#) was funded by FEMA; CWSD continues to fund it. It is for non-regulatory flooding, mostly alluvial fan. Users can activate its National Flood Hazard layer, but the viewer is designed mainly to capture all area drainage master plans and alluvial fan flooding that doesn't rise to the level of FEMA 100-year events. The counties use it in different ways: Lyon County adopts the area drainage master plans into their planning hazard documents; Storey Co. uses them for individual properties but they haven't been made regulatory. The idea is, the more we understand the flooding, the better. Local staff can pull up specific information to inform new construction placement.

CWSD is now under contract with Michael Baker to update the viewer. They will move it to an ArcGIS Online platform and then will add all CTP studies completed to date. The contract for the next three years includes 1-2 trainings once all the information is on the new system. Users can also refer to the [Flood Hazard Web Viewer User Guide](#) that's accessible from the viewer home screen.

Lindsay update: NWRA will host its fall symposium, "Water Handling in Northern Nevada; Planning to Action," Sep. 16 and 17. A stakeholder meeting for the 30-year regional drought plan will be held July 28 with the water purveyors to review preliminary data. Lumas has started working on a draft for the final report, and USGS is still modeling the middle and upper Carson River.

b. CWSD Outreach / Other

- i. **Aug 5, 2025:** Carson City Sheriff's Night Out at Mill's Park (Karin, Amanda, Deb, Sarah, Lindsay) - Karin and Amanda for the City can focus on what the city's doing. We could have the flood model, and then Sarah and Andy can provide swag, talk about flood insurance and provide flood insurance information.
- ii. **Aug. 16:** Dark Skies, Lahontan Reservoir – The inaugural [Cosmos in the Desert Dark Skies Festival](#) is from 8 p.m. to midnight at Beach 3. [Vendor applications](#) are available for anyone interested in tabling.

- iii. **Aug. 26:** Storey County Sheriff's Night Out at Miner's Park in Virginia City – Debbie will probably go.
- iv. **Oct. 10:** Snapshot Day, multiple sites on Carson River hosted by River Wranglers – Last year there was high last-minute attrition of different school groups, which created a lot of difficulty for organizers. To avoid that this year, RW and CWSD are forming a Snapshot Day subcommittee to create more up-front engagement by teachers, administrators and parents; this also offers another opportunity for water sampling to help with the conundrum Karin previously outlined, so we are highly encouraging more involvement. The upcoming NDOR Outdoor Education grant may be a funding stream for this event.
- c. OEM grant status: Drought Management, North Dayton Valley BCA – Discussed previously
- d. Watershed Program Updates –
 - QAPP:** When this grant was originally awarded, CWSD's intent was to create a Quality Assurance Project Plan template for watershed-wide use. This was put aside to instead sample a finite number of sites to complement NDEP sampling. Given the new information gained from the Integrated Report review regarding delisting requirements, CWSD is revisiting its approach once again and needs to discuss it with NDEP.
 - Watershed-Literacy (Re) Survey:** This is a redux/refinement of CWSD's 2015 Watershed Literacy Survey, originally funded through 319, which formed the backbone of its Watershed Literacy Action Plan and marketing efforts to reduce NPSP. For this follow-up, once again CWSD will work with Responsive Management (even the same team members as 10 years ago) with a blend of old and new questions. Contract has been executed after board approval. Work on a representative survey with a follow-up analysis will begin this fall. Touch base if you want questions included that speak to your agency or area of expertise/concern, or if you'd like to be on the survey subcommittee. Brenda and Kelly will go through the original questions before extending materials to subcommittee members.
 - Ag BMPs through 319:** Kelly and Brenda are working on cost sheets and scopes of work for the two ranchers in the grant. We hope to have that under contract and approved for the August board meeting.

Other: Debbie and Ed were in a meeting with a couple of contractors with California Water Resources who are developing drought resilience plans for Alpine, Mokelumne and Stanislaus Counties. The contractors interviewed them about the Mesa Verde study in Alpine County and are concerned about how pumping in fractured rock could affect the water supply.

Next Quarterly Meeting: October 22, 2025, 1:30-3:30 pm, CRC FPMG Meeting Hybrid, CWSD and Zoom

Items of Interest:

[Water & Planning Network](#)

[Flood Hazard Web Viewer \(called the Carson Water Subconservancy District Web Access System\)](#)

[Flood Hazard Web Viewer User Guide](#)

[FEMA Map Service Center](#)

[Community Emergency Response Team information](#)

[Floodplain Management Association Conference – Sep. 2-5, 2025, Sacramento](#)

[NWRA Fall Symposium, Sep. 16 & 17, Reno](#)

Sep. 18, 2025: ASFPM Arid Regions Committee

[2025 Integrated Watershed Management Workshop, Denver, CO Sep. 16-18](#)

NAWM, in partnership with the Association of State Floodplain Managers (ASFPM), is engaged in a cooperative agreement with the U.S. EPA to develop and host a series of five regionally focused trainings to advance the integration of Clean Water Act programs with natural hazard mitigation programs. The focus of the training is on integrating these programs to improve interagency planning and implementation of co-beneficial projects that reduce flood risk and improve water quality, among other benefits.

Sep. 20, 2025 – Markleeville Creek Day - Alpine Watershed Group

Oct. 8, 2025: Floodplain Management Association Quarterly Luncheon Update and Speaker Discussion at Washoe EOC, 11:30 am – 1 pm