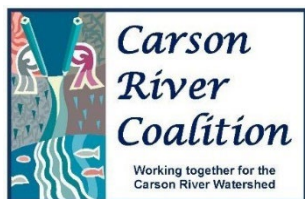


CRC Floodplain Management Working Group

Meeting Notes

Wednesday, Oct 22, 2025

1:30 -3:30pm



Attendees:

First	Last	Title	Acronym	Organization
Taylor	Allison	Emergency/Communications Manager	Lyon	Lyon Co. Emergency Mgmt
Jon	Bakkedah	Deputy Emergency Manager	CC	Carson City Fire Dept
Rob	Beltramo	Tribal Planner	Washoe	Washoe Tribe of Nevada and California
Mitch	Blum	Professional Engineer, Cert. Floodplain Mgr.	HDR	HDR, Inc.
Kristina	Burnette	Environmental Scientist	WEPD	Washoe Environmental Protection Dept.
Kathy	Canfield	Planning Manager, AICP	Storey	Storey County Planning Dept.
Lisa	Christiansen	Project Manager	WTNC	Washoe Preparedness Resource Dept.
Katie	Clancey	Civil Engineer, Special Studies Division	BOR	Bureau of Reclamation
Daniel	Conley	Risk Analyst	FEMA	FEMA Region IX Mitigation Division
Ron	Coupland	Stormwater Engineering Project Manager	W&C	Wilson & Company
Tom	Dallaire	Director	DC	Douglas Co. Community Development
Tanner	Dye	Emergency Management Coordinator	DC	Douglas Co. Emergency Mgmt.
Kara	Easton	Emergency Manager	DC	Douglas County
Sarah	Fichtner	Floodplain Mapping Coordinator	NDWR	NV Division of Water Resources
Katie	Hay	Stormwater Technician	DC	Douglas Co. Stormwater
Brenda	Hunt	Watershed Program Manager	CWSD	Carson Water Subconservancy Dist.
Jeremy	Hutchings	County Engineer	DC	Douglas Co. Community Development
Ed	James	General Manager, PE	CWSD	Carson Water Subconservancy District
Bella	Kurtz	Headwaters Coordinator	AWG	Alpine Watershed Group
Lori	Leonard	River Fork Ranch Preserve Manager	TNC	The Nature Conservancy
Marena	Lovejoy	Sr. Natural Resource Specialist	CCPROS	Carson City Parks, Rec & Open Space
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
Dean	Patterson	Senior Planner	Church	Churchill Co. Public Works
Karin	Peternel	Carson City Stormwater Manager	CCPW	Carson City Public Works
Hari	Raghavan	Senior Water Resources Technologist	W&C	Wilson & Company
Rachel	Schmidt	Conservation Technician	DVCD	Dayton Valley Conservation District
Eric	Simmons	Senior Engineer, CFM	HDR	HDR, Inc.
Amanda	Singleton	Assistant Project Manager	CCPW	Carson City Public Works
Christy	Sullivan	District Clerk	LVCD	Lahontan Valley Conservation District
Sherman	Swanson	UNR Professor, retired	C&C	Nevada Creeks and Communities
Courtney	Walker	Stormwater Program Manager	DC	Douglas County Public Works
John	Warpaha	Environmental Scientist	WEPD	Washoe Environmental Protection Dept.
Rich	Wilkinson	Manager	CVCD	Carson Valley Conservation District

Wilson & Company Presentation

[Ron Coupland](#) and [Hari Raghavan](#) presented an alluvial fan physical map revision for Pahrump (Nye County), where flooding occurs every 2–5 years. Modeling used FLO-2D with 10 maps developed. Version compatibility issues were discussed; older FLO-2D executables may need to be retained to ensure consistent results.

River Projects & Program Updates

CVCD (Rich Wilkinson): Thirteen sites were identified for bank-stabilization sites in Genoa because NDEP identified that area as impaired. Three projects were done this year and are expected to be completed next month (11/2025). Three projects are in permitting stage but waiting for clarification about process change. The district submits a pre-construction notification, which allows them to work directly with USACE staff to determine if they need a nationwide permit or letter of permission.

LVCD (Christy Sullivan): Working with TCID on removing trees/debris within 200 ft. of bridges since debris clogs. Bafford Bridge has been particularly clogged, due to increased obstructions linked to homeless encampments.

Alpine Watershed Group (Bella Kurtz): Alpine Watershed Group is working on:

- West Fork Carson prioritization plan; stakeholder feedback underway.
 - Design is progressing on Willow Creek and Red Lake Creek projects.
 - Hope Valley project delayed due to permits.
 - Markleeville Creek restoration is expected to finish in 2026. The Markleeville public utility district portion is wrapping up. AWG's floodplain project portion expect to wrap it up this week. Weather depending, they may be able to get an additional variance to remove the west flood wall. Next year the parking lot will be done in the spring.
 - ["Build Like a Beaver"](#) event in Faith Valley repaired six beaver dam analogs (BDAs) and built three new BDAs.
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Takeaways of Denver Workshop: Integrating Natural Hazard Mitigation and Clean Water Act Planning and Project Implementation ([See agenda and notes](#))

Taylor Allison, Lyon County – Emphasized the overlap between hazard mitigation, land-use, and floodplain management plans, noting the need to reduce redundancies and better align funding. Tools highlighted included the [River Network](#) and Colorado Healthy Rivers [Plan](#) and [Fund](#), which integrate planning and funding sources. This model has been shared with NV OEM as FEMA restructures its funding streams. The Mile High Flood Control District also provided a tour showcasing nature-based flood-control solutions.

Karin Peternel, CCPW – Noted Montana's strong funding and regulatory framework and suggested inviting them to share lessons learned. She also valued the workshop's regional breakout groups for diverse perspectives and relationship-building.

Brenda Hunt, CWSD – Reported that the mobile workshop toured a major Denver flood-control project where two miles of river were relocated and paired with community amenities like parks, trails, and STEM-focused play areas. She appreciated the project outcomes but hoped future sessions will cover more about the process behind the work. Tour of a large Denver flood-control project showcased nature-based solutions integrated with community amenities. [Workshop Agenda and Presentations](#)

CCPW (Karin Peternel): Montana highlighted as a model for strong flood funding and regulations; interest in inviting presenters to share lessons learned.

Additional Comments:

- Arizona maintains a statewide Flood Control District Fund offering match and seed money.
- Mojave County has constructed major groundwater recharge basins.

- Montana and Arizona benefit from strong federal delegation support.
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Round Robin Updates

- **Lori Leonard, TNC:** Ongoing native tree/shrub planting at River Fork Ranch preserve.
 - **Storey County:** There will be an emergency flood exercise in Lockwood 12/13, and an exercise 12/12 at Lockwood Elementary. 11/12 there will be a town hall meeting about sheltering in place. There will be two emergency prep workshops, one this spring in Mark Twain and a summer one in the VC Highlands.
 - **WEPD:** Streambank stabilization, invasive species removal, and new leadership (Cale Pete).
 - **Douglas County (Stormwater & Public Works):**
 - **Katie Hay, DC** – Stormwater Utility will host its annual Flood Awareness Week event 11/13 at the Community Center.
 - **Courtney Walker, DC** – She has been doing community presentations, which have been well received. Flooding in Ruhenstroth has kept Public Works busy. Board meeting is 11/20.
 - **Tom Dallaire, DC** – There will be a presentation on the Ruhenstroth event 11/6; the root cause was the June Connor Fire in the Pine Nuts.
 - **Marena Lovejoy, CCPROS** – Carson City has entered the writing phase of its river master plan. Still permitting on the Mexican Dam portage; work will hopefully begin this fall. Marena has been installing riparian plants. CCPROS has hired PT staff to inventory cottonwoods, especially recruitment and beaver damage.
 - **Mitch Blum, HDR** – Eric Simmons started working at HDR.
 - **Lisa Christiansen, WTNC** – FEMA reached out re: WTNC's hazard mitigation plan. The focus will be on Alpine Co. with a community resiliency center.
 - **Amanda Singleton, CCPW** – Two projects are in design phase.
 - **Karin Peternel, CCPW** – FAW proclamation will be issued 11/6. They never received a letter re: their CRS submittal. Brenda – the CC planning manual requires LID but for large new parcels, not retrofitting existing residences.
 - **Jon Bakkedahl, CC** – Could use CWSD's help organizing public comment for the entire month of December between Thanksgiving and Christmas
 - **Taylor Allison, Lyon** – Wants to incorporate Ready Set Go into county materials/programs.
 - **Dean Patterson, Church** – News needed on their floodplain remapping. Advised to talk to Zach, Daniel Conley with FEMA.
 - **Sherm Swanson, C&C** – Creeks & Communities will host a Zoom webinar Proper Functioning Condition workshop starting Feb. 16, 2026. Contact him for more details and to sign up.
 - **Brenda Hunt, CWSD** – Last week she went to a [DRI collaborative for wildfire](#).
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NDWR Updates (Sarah Fichtner)

- NFIP lapsed during federal shutdown; CTP grants not renewed.
- One flooding staff position lost.
- Expanded outreach for Flood Awareness Week (radio, newspapers, billboards, social media).
- Next FACT meeting is early November.
- Watershed University scheduled for spring 2026; topic suggestions welcome.

Upcoming outreach includes Carson City Fall Volunteer Celebration (10/25); Riverview ES Fall Workday (10/29); Dayton ES Fall Workday (11/29); Boonanza 10/30); FAW Week Outreach at Dayton and Douglas County's Community Centers (11/13); and St. Teresa's FAW Day (12/3)

Grant & Program Updates

- **QAPP:** Field visit with NDEP planned to determine sampling sites, review protocol and identify equipment gaps.
 - **Watershed-Literacy (Re) Survey:** Under review; test deployment planned in late fall.
 - **Ag BMPs:** Ongoing through 319 programs.
 - **Snapshot Day:** It was a successful event on a clear, sunny day with student participation at multiple sites, including Dayton State Park, East Silver Saddle Ranch, and a van of middle school students.
 - **Virtual Fencing Workshop:** Brenda and Kelly attended a virtual fencing workshop in Fallon that outlined how virtual fencing can improve grazing operations. A demonstration of applying collars at Rambling River Ranch followed.
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FEMA Updates

- **COMS 3:** Not funded; ASFPM reported that funding unlikely FY25, but money has been allocated by congress.
 - **COMS 2:** Progressing; payment delayed by shutdown.
 - **COMS 1:** Closing out; Floodplain Management Plan adopted by all watershed counties.
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Flood Hazard Viewer

- Project almost complete; it will be live by January 15, 2026.
 - **Dec. 3, 2025:** County staff review meeting (10–11 a.m.).
 - **Jan. 28, 2025:** FPWG training session.
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Chat Edited

Eric Simmons, HDR shared that he started this week with HDR and is excited to begin this next chapter in water resources and flood risk management. Feel free to reach out at eric.simmons@hdrinc.com.

Ron Coupland advised Mitch Blum to consult Jim and Karen O'Brien (FLO-2D) and staff at FCDMC for guidance. He noted that future modeling should continue using FLO-2D Pro—and even the same executable used originally—to maintain consistent results unless newer versions are verified to produce identical outputs. He has not yet dealt with converting FLO-2D v.2009 models to FLO-2D Pro.

Mitch Blum acknowledged that practitioners have experienced challenges working with older Effective FLO-2D models. Ron agreed that version compatibility remains an issue but hopes FLO-2D Pro will stay robust enough to avoid frequent version updates.

Other Items of Interest

- **Nov. 3, 2025:** NV 319(h) grants due. [Nevada Nonpoint Source Pollution Reduction 319\(h\) Grant Funding Opportunity](#)
- **Dec. 19, 2025:** CA NPS grants due. [California Water Boards 2026 NPS Grants](#)
- **Nov. 20, 2025:** ASFPM Arid Regions Committee.
- **Nov. 12, 2025:** Planning Information Exchange Webinar.
- **Nov. 9–15, 2025:** Flood Awareness Week.
- **Feb. 16–21, 2026:** Sherm Swanson's zoom Proper Functioning Conditions training. swanson@unr.edu

Next Quarterly Meeting (Save the Date): January 28, 2025, 1:30-3:30 pm – Will include a webinar of the Flood Hazard Viewer