



# CRC Floodplain Management Working Group

## Meeting Notes

Wednesday, Apr. 30, 2025

**Contact:** Brenda Hunt (775) 887-9005, [brenda@cwdsd.org](mailto:brenda@cwdsd.org) or Debbie Neddenriep [debbie@cwdsd.org](mailto:debbie@cwdsd.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	<a href="#">Blum</a>	Professional Engineer, Cert. Floodplain Mgr.	HDR	HDR, Inc.
Kristina	<a href="#">Burnette</a>	Environmental Scientist	WEPD	Washoe Environmental Protection Dept.
Kathy	<a href="#">Canfield</a>	Planning Manager , AICP	Storey	Storey County Planning Dept.
Katie	<a href="#">Clancey</a>	Civil Engineer, Special Studies Division	BOR	Bureau of Reclamation
Tom	<a href="#">Dallaire</a>	Director	Douglas	Douglas Co. Community Development
Sarah	<a href="#">Fichtner</a>	State Floodplain Mgr/NFIP Coordinator	NDWR	NV Division of Water Resources
Mark	<a href="#">Forest</a>	Senior VP, Tech Services Dir., Water Resources	CE	Conсор Engineering
Randy	<a href="#">Hines</a>	Public Works Director	ChPW	Churchill Co. PW, Planning & Building
Brenda	<a href="#">Hunt</a>	Watershed Program Manager	CWSD	Carson Water Subconservancy District
Lori	<a href="#">Leonard</a>	River Fork Ranch Preserve Manager	TNC	The Nature Conservancy
Lindsay	<a href="#">Marsh</a>	Water Resource Specialist 1	CWSD	Carson Water Subconservancy District
Rachel	<a href="#">Maurer</a>	Headwaters Coordinator	AWG	Alpine Watershed Group
Caitlan	<a href="#">McCartin</a>	Chief of Water Planning/Drought Resiliency	DWR	Division of Water Resources
Lisa	<a href="#">Nash</a>	Senior Planner	Lyon	Lyon County Community Development
Debbie	<a href="#">Neddenriep</a>	Water Resource Specialist 2, CFM	CWSD	Carson Water Subconservancy District
Kelly	<a href="#">Nicholas</a>	Senior Watershed Clerk	CWSD	Carson Water Subconservancy District
Andrew	<a href="#">Pavlu</a>	Flood Mapping Coordinator	DWR	Division of Water Resources
Karin	<a href="#">Peternel</a>	Carson City Stormwater Program Manager	CCPW	Carson City Public Works
Dante	<a href="#">Rodriguez</a>	Superfund Project Manager	EPA	EPA Region 9
Amanda	<a href="#">Singleton</a>	Assistant Project Manager	CCPW	Carson City Public Works
Christy	<a href="#">Sullivan</a>	District Clerk	LVCD	Lahontan Valley Conservation District
John	<a href="#">Warpeha</a>	Environmental Scientist	WEPD	Washoe Environmental Protection Dept.
Tom	<a href="#">Young</a>	Chief Hydraulic Engineer	NDOT	NV Department of Transportation

## [Draft Floodplain Management Plan](#) Review

Please review the following sections. Below is a link to the full report: [2025 Carson River Floodplain Management Plan](#)

- i. Sections 3.1.2 and 4.8 - Expanded stormwater section: This was expanded to reflect recent hazard mapping and incorporates area drainage master plans created through Cooperative Technical Partner funding, ultimately leading to projects. Lyndsey, Karin, Courtney and Brenda, with a couple FEMA documents, contributed to the stormwater flooding section. Karin will make changes to the document. A lot of new pictures were added, including ones of Grover Hot Springs before the Tamarack Fire. Section 5 - Pathways to Overcome Barriers to Mitigation: This new section was created through interviews with each of the county emergency managers. It evolved after the 2024 Watershed Forum, when discussions with emergency managers mentioned similar gaps in the ability to implement projects because of how FEMA's emergency arm operates. Barriers include social constructs such as politics and bias, or physical ones such as staffing. If you look at nothing else, please look at this section. It has the potential of becoming its own document. See this link to final appendices: [2025 Carson River Floodplain Management Plan Appendices](#)

Instead of putting the 2018 discovery report in, there's a link to it and the updates are in this version. Please make sure you can connect; these can be sent out separately.

- ii. [Appendix C](#) - Updates to future projects for each county, maps and geodatabase: Based on county interviews and the geodatabase data each county provided; each county needs to make sure its information is correct.
- iii. Appendix E - Update to Suggested actions (SAs): As above, each county needs to make sure its information is correct. These are also updates that we did based on interviews. This section lists each county's progress on the suggested actions.

For the projects in this geodatabase and on the digital copy, you can scroll up and it has the GIS data.

There's one for the entire watershed, and then the maps are by county for potential projects. This creates a five-year list going forward. It's a huge file, so sending electronically isn't a good option. Any glaring errors or omissions should be brought to CWSD's attention before our document finalization next week for our board meeting May 16, where they ideally will adopt it. We need to set up with each county potential dates to bring before your boards for adoption.

Next Steps: Set up county meetings for adoption in June and July. For counties who want to bring it before their planning commissions ideally that would be in June, followed by a BoS meeting in July. CWSD believes it's a good idea to go before the planning commissions because it provides vital information that will affect development, and they then can make recommendations to the BoS. It also counts toward outreach credits. Tom Dallaire will send dates for Douglas County. He had given his comments for Courtney and Jeremy to review. Karin will check what the protocol should be for Carson City. Debbie has spoken with Darren (Schulz, City Engineer); if he gives the okay this should go before Hope (Sullivan, City Planning Manager). She feels the Living River approach is not considered. Lisa Nash would like to take it to the Lyon Co. planning commission in June and then the Board of Supervisors; there is a staff meeting that afternoon and she and Gavin (Henderson) will discuss dates. There are no new updates except there have been staffing shortages because of time off, and there are some upcoming staffing changes. Randy Hines said Churchill Co. has been busy with code changes but he agrees having the planning commission first look at it is the route to go; he'll send over schedules for them and for the BoS. Because Myles Getto (a CC commissioner) is on the CWSD board, he'll have lead time for review. Because they will be presenting more code changes in June, he will try to get this plan in as one of the first agenda items. Kathy Canfield of Storey Co. also thinks it should go before the planning commission, probably in June; she will check their agendas to make sure they're not loaded. Because Lee (Sterett) is on both the planning commission and the CWSD board, he will have advance notice. Presentations should be no longer than 10 minutes. She e-

mailed document comments a few weeks ago, so Debbie will look out for them: Both Virginia City and Gold Hill are listed as incorporated; they aren't - they're both part of the county. No one from Alpine Co. has replied or was on the call, but Rachel Maurer from Alpine Watershed Group will look at the draft.

Debbie has done a fantastic job with the update!

**All plan edits due to CWSD by May 2; will be presented to CWSD board May 21, 2025.**

**Round robin updates:**

**Lindsay Marsh, CWSD** – The recent FMA quarterly luncheon was a success. About 40 people attended. The Carson Valley, physical map revision was reviewed with Tom and Mitch, and it went well.

The next quarterly luncheon will be on July 10; speakers and ideas for the next one are needed because Eric Simmons can't travel from Region 9. Tom Dallaire will work to put a presentation together about next steps for Douglas County because the PMR will go into effect June 2025.

NDEM BRIC grant status update: North Dayton Valley BCA project is in progress and has been split into two phases. Phase one (recently completed) included a preliminary environmental screening and a decision matrix to decide which of the projects from the North Dayton ADMP would be pursued. Phase 2 will cover the reports, 60% design, detailed EHP review, and an overall BCA of the chosen project. Once this project is concluded, next steps would be to pursue funding for complete design and construction.

**Randy Hines, Churchill County** – Randy did not have any projects to report; however, Debbie Neddenriep noted that a FEMA letter was sent to Jim Barbie / Chris Spross at Churchill County and the City of Fallon Mayor regarding the Carson River PMR below Lahontan Reservoir. The letter gave the county 90 days to resolve ownership of operations in the case of a flood event. The city of Fallon has responded with a request to FEMA for an MOU between the Bureau of Reclamation and FEMA. Whenever FEMA speaks to the county or the cities, CWSD doesn't know about it unless the county or cities share that it happened. The city of Fallon had sent the request in response to that notice.

**Mitch Blum, HDR** – Background about FEMA's letter: The Carson Diversion diverts water from the Carson River to the sink in the V-line canal. That was built and used as a flood control measure in 2017 and again in 2023. Anytime there's a large volume of water in Lahontan, the releases are high, and so they divert water from that diversion structure to the Big Dig, so that channel and that diversion is being used as a flood control feature.

If there is a man-made intervention for flood control, FEMA requires an operation and maintenance plan, and then someone must take responsibility for that feature. The feature also must be certified that it can hydraulically handle the diverted flow; you're relying on that feature to produce your flood maps downstream. That feature at the Carson Diversion diverts two thirds of the 100-year flood event; the community is relying on that a large percentage of the flows will get diverted into the V line canal. FEMA is asking that there be operation and maintenance, and that one of the entities--the county, BoR, or TCID--take responsibility for the management and operations during a flood event. The deadline to respond was April 18, because FEMA is trying to push other studies through, and it's my impression that's not been done. HDR has done all the modeling and mapping, but nobody has stepped up to be the signatory or the responsible party.

**Debbie Neddenriep, CWSD** – When this project kicked off, CWSD had multiple meetings with the Bureau of Reclamation and FEMA, and they all agreed it was a good idea and how it would be done. However, all the folks at

BoR who agreed to it moved on, leadership at TCID changed, and no one wants to assume the financial risk.

There have been some meetings early in the year to get together with FEMA, the county, the city, and Bureau of Reclamation in the hopes they'd hammer out a plan, but that has not happened.

The City of Fallon responded to FEMA and requested FEMA set up an MOU with the Bureau of Reclamation so TCID can develop an O and M plan that meets requirements of the PMR becoming effective.

Randy will follow up with Chris and Jim; Debbie will forward the email copies she has (they originally went to Ed); Christy will help Randy set up any meetings if needed.

**Christy Sullivan, LVCD** – The tree sale will be Saturday, May 3, 2025, 9 a.m. -3:30 p.m. The weed spray class is every Wednesday at 9 a.m. She's been entering information into Survey 123 after every class; she'd like to make sure she's entering data correctly. If there's a lot of people, the district has 2 application classes per week. but we haven't had a lot of people sign up. The high school class has been unbelievable, such a big help this year; this was through an NDOR grant. She's also had a lot of wells put in for the bench bottom program and would like to chat with Katie Clancey of BOR.

Conserve Carson River workdays are coming up at Oasis Elementary (5/8), and Numa Elementary (5/12 and 5/13) with River Wranglers, both at the Frey Ranch. There was also an Ag in the Classroom Day in Fallon on April 24, 2025.

**Tom Dallaire, Douglas** – Courtney has been working on the next phase of presentations to fund Stormwater Program in Douglas County. She and Jeremy are at a pavement meeting to see what the board wants to do about dealing with the roads in Douglas County. On June 18, 2025, DC PMR will be official (become effective); thank you to Mitch and to everybody at CWSD for their efforts and in funding this and getting this through since 2012. He downloaded the index mapping and added several comments on what FEMA had presented originally, and they got only about half in it. For instance, the highway on their portion of the river is on there, but even the Carson River is not on their index. The next step is to figure out how to proceed with cumulative effects until he gets somebody who can put these in a model all the time. That request is in at the county manager's office.

Once FEMA releases the effective flood insurance rate map (FIRM), the DC GIS will have it on their viewer. Brenda noted she will need to check if the FIRM will be autoupdated on the CRASP webviewer. Tom replied there are two different sections in the public Viewer. One is the actual quarterly update, and then the other one is anything else that they had updated in between the quarterly updates so it gets current.

Debbie thanked Tom for presenting at the FMA luncheon and that folks enjoyed it.

**Rachel Maurer, Alpine Watershed Group** – The Arbor Day tree planting event was held April 25, 2025. More than 750 trees were planted, mostly Jeffrey pine provided by the Sugar Pine Foundation. About 25 pinyon pine seedlings and approximately 200 germinated seeds were planted that were provided by Washoe Environmental Protection. The Arbor Day planting was organized by the Forest Health Community Working Group, with Alpine Watershed Group facilitating. AWG was just one of the entities that showed up and made it such a huge success; about 130 people came to plant, which is high for an Alpine County event.

June 7, 2025, there will be a **river monitoring training** for the AWG river monitoring program. [Erick Burre](#) from the [California Clean Water Team](#) will be the water monitoring trainer. He has helped with the program and will be there on 6/7 to review the protocol. Look for an a flyer next week if anyone has questions. River monitoring will continue the next weekend, June 12-14, Additional monitoring will occur in August and September.

Lahontan Regional Water Quality Control Board does not have funding for harmful algal bloom monitoring this year, so there will not be monthly sampling up at Red Lake, but there will be sampling pre-Memorial Day and pre-Fourth of July by Ben Ewing with CDFW. Rachel encouraged anyone who suspects a harmful algal bloom (HAB) or something suspicious while recreating, specifically in Alpine County, to submit an enquiry to the State Water Board. Once it's reported, they can go out and test.

Staff is creating a Hope Valley adaptive management plan and expect construction to begin this year or next along the river; they are in the permitting phase. Work will be along the benches to do more bank stabilization. Waterways is the company. The effort is through West Fork prioritization project funding. Their contractor has surveyed about 30 river miles along the West Fork, and AWG hopes to do public outreach in July and then August for the prioritization plan. They were awarded funding for a similar project on the East Fork, and hope to sign the contract in August; however, they are looking for match.

The **Markleeville Creek restoration project** is still moving along well. Kimra, Sam and Stantec will present on this project at the next two board of supervisor meetings. They hope to reach an agreement so that things keep going smoothly. BoS meetings are on the first and third Tuesdays of the month at 9 a.m. The Markleeville Creek Restoration Project agenda item is at 10:15.

The **Faith Valley beaver dam analogs project** is completed funding-wise, but t Bella and Kaitlyn will continue to monitor it this summer as long as AWG has AmeriCorps volunteers. Plan on a presentation about the project in June.

#### **Upcoming Events:**

May 23, 2025 - Bella will conduct an iNaturalist training later this month. Part of her project will be identifying plants at Turtle Rock Park

June 20, 2025 - Will partner with CDFW for a bumblebee training in Hope Valley.

July 11-12, 2025 - AWG will be at July's Alpine Co. Death Ride cycling race sorting recyclables from trash

Sep. 20, 2025 Creek Day, a big restoration day; please save the date.

**Thomas Young, NDOT** – NDOT is updating its bridge-scour program; they are currently re-evaluating all bridges over water in the state, both state- and local government-owned. They'll be reaching out to the other owners in the next couple of months and have a coordination meeting on that. They're also implementing a new inspection program for bridges called Inspect X, which has a component called Emergency X, which uses USGS gage information and river forecast information and sends out alerts when certain bridges become scour-critical. They're still figuring out the details but will release information when it's available. This program is for the bridges that are considered scour-critical – if a bridge has a potential for floodwater undermining the foundations and hence collapsing. This isn't a bridge-replacement program but a bridge-monitoring program. The Carson River has been included in their bridge-replacement program, working on the Hwy 88 bridges. Mitch Blum is modeling that for NDOT.

Debbie acknowledged NDOT staff efforts led by Derek Ridenoure reviewing data for and working on the North Dayton BCA and Gold Canyon ADMP project. Mike Kellogg has been collecting information that could be pertinent to the bridge that is getting replaced in Gold Canyon, and so they're trying to get information together for that, and then they've also been available to review. It's been really helpful.

**Lori Leonard, TNC** – TNC is organizing volunteer planting days with a few different groups. They have about 1,600 native shrubs and trees to plant. **May 17 the Douglas County Master Gardeners are hosting their native**

**plant sale** at River Fork. If you know anyone who's looking for some hardy native plants, send them by: <https://www.facebook.com/share/1AvYsi2dsz/>. She has no 319 update.

Brenda mentioned CWSD hopes to be under contract in the next couple of weeks for its 319 grant. As per Brenda, the state is meeting 5/2 to determine what needs to be removed based on new federal government requirements. Lots will be removed from contract language; they don't want to start a new contract until that has been updated.

**Dante Rodriguez, EPA – Re: Carson River Mercury Superfund Site:** He mentioned previous sampling of residential properties that could have mercury and lead contamination, based on historic information about old milling activities during the Comstock era. That effort identified properties that should be remediated by having soil removed from their yards. EPA is now scheduled to do three properties in Silver City and using that as a model to see the actual cost. The first step is to do some site walks in May. EPA established an interagency agreement with the US Army Corps of Engineers, who then put out the subcontracts. EPA has one contractor who will do the planning and designs after the site walks. It will probably be next year for a construction contract or remediation contract or the actual soil removals. There should be further updates at the next CRC meeting. EPA is also doing more residential soil sampling in Virginia City in May.

**Questions posed to Dante:**

**Brenda Hunt (BH): What is the EPA Interim Record of Decision status?**

That was postponed because EPA headquarters had many issues with it. Patricia Bowlin oversees that project. She doesn't have an exact timeline yet, but he can follow up with her and get back. She can e-mail Brenda – [brenda@cwdsd.org](mailto:brenda@cwdsd.org).

**Will counties receive a courtesy notification when site walks and residential sampling occur?**

NDEP is supposed to contact the counties with courtesy notifications and will also discuss any use of the county facilities. Dave Friedman is supposed to contact the counties about scheduling the next annual meeting and touch-base meetings with planning folks and let everyone know what's happening.

**Kathy Canfield** noted she is the contact person for Storey County. A lack of communication last year led to confusion and concern in their community. She highly encourages EPA to work with the county for contacting people and fielding questions. They're also interested in seeing the EPA findings because of concerns about how the mapping has been done in Storey County.

**Dante** – EPA will be sure to include the counties in information distribution. 2023 sampling result reports should be coming along soon. He understands that counties would like to know when EPA is in the field and what they're doing and will coordinate with Kathy to meet her in person. EPA is planning site walks May 20 and 21, 2025 on the three properties in Silver City; Virginia City sampling is scheduled for the week of June 10 mid-week to mid-week through June 18.

**Brenda will e-mail Dante a list of planner contacts; Dave Friedman also has that list, and Dante will check in with him too.**

**Mark Forest, Consor – See chat**

**Karin Peternel, CCPW** – The State will renew the city's MS4 permit. Trying to review the permit changes has been all-encompassing. There would be many new things required, and we're working real closely with Elko, Indian Hills GID and Douglas County so that we can prepare collective responses to the State on the changes. We've been doing a lot of outreach lately. NDOT had an MS4 for Clear Creek, but Clear Creek has been delisted.

However, the NDOT stormwater permit will probably be renewed after they go through the City's renewal process.

**Amanda Singleton, CCPW** – They have outreach for the Maxwell detention basin – a result of the North Carson Area Drainage Master Plan – off Goni in the north part of town next Wednesday **May 7 from 4:30 to 7 on Goni in that little open space area**; trying to catch as many people as they can going home from work, and then the **public works open house will be May 17, from 10 a.m. to 2 p.m.**

**Kathy Canfield, Storey** – They're working on the BCA with Lyndsey, CWSD and Lyon Co. on looking at one of the basins, seeing what they can come up with for numbers that. They're also working on the Gold Hill master drainage plan with Lyon County and NDOT because a lot of the drainage is focused on the roadway itself. Mainly working on different drainage projects. Our public works department is getting ready for the summer months to do some smaller projects on Six Mile Canyon and in the Mark Twain neighborhood, and in Virginia City they're repaving all of B street. So that'll be an interesting summer construction project.

**John Warpeha, WEPD** – They're continuing to evaluate a stream bank restoration project completed back in 2002 at Mallard Bend through the Stewart Ranch. There are gaps in it from spring flows that have eroded banks; they're assessing spots for repair. They thank the Carson Valley Conservation District for its technical advice. They'll probably be spraying for weeds at the lower end of that project too, probably some perennial pepper weed, and cutting some Russian olive, a non-native tree in that corridor. Their Earth Day event is coming up on Saturday May 3 in the Washoe Woodfords community.

#### **Nevada Division of Water Resources – Updates**

- a. **Floodplain Management/ NFIP:** DWR is fully staffed after being in flux. [Caitlin McCartin](#) is the new drought and floodplain management section chief and [Andy Pavlu](#) is the new GIS Mapping Coordinator. They'll focus on getting everybody trained, determining new workflows, and reorganized. It's a chance to revisit projects that were started and then pushed to the side. Sarah is excited to get back on track.

Last quarter, DWR hosted two virtual trainings through Atkins Realis. One training was for [substantial improvement and substantial damage](#), and the other was for [elevation certificates](#). Both were well-attended and got great feedback. Atkins also provided a new [after-the-flood guide](#). Atkins also provided an Instructor Guide for them to teach their own NFIP, one-on-one course. They will move slowly with that, potentially co-teaching it before diving in. She is gathering grant deliverables by the quarterly deadline. Once new employees get settled, they'll also move towards their next newsletter and will include those items.

- b. **Outreach** – DWR will support CWSD and River Wranglers in their upcoming outreach schedule. They have Waterpalooza in Reno on May 30; the two flood models might be taken up that day. DWR is also with an open contract right now for updates to [NevadaFloods.org](#) website.

Lastly, they're trying to get a new flood model. Unfortunately, the business where state models were purchased from no longer makes them. Sarah is sending emails for other options. With funding challenges, it may take a while. She asked the group for feedback about how to procure or build a model.

If the river part is intact, Tripp Plastics in Reno can rebuild the Plexiglass with a bottom plug so it can air out and prevent mold and mildew. Carson City is trying to build their own and will let everyone know how it works. The maker space at UNR may be able to build one.



**Emergency Management Updates** – The Association of State Floodplain Managers and the Floodplain Management Association have provided template letters that individuals or entities can use to engage with federally elected officials. Go to [floods.org](https://www.floods.org) and visit the “get engaged” section: <https://www.floods.org/policy-advocacy/asfpm-engage/>. CWSD’s board sent a letter to Mark Amodei, Jackie Rosen and Catherine Cortez Masto, letting them know how FEMA cuts have impacted our watershed. If you would like a copy of the signed document, we can send it to you. Ed had found out that Mark Amodei didn't know the Marlette Dam rebuild involved BRIC funding. And so we thought we should inform officials that our watershed receives a significant amount of funding through the FEMA BRIC and FMA programs, as do the counties. So we've been trying to keep on top of that.

The emergency management connection is that CWSD has two BRIC grants: the 30-year drought management plan, and the North Dayton ADMP. So far it looks like those are still moving forward because both of those have been awarded and the money has been allocated. Hopefully, that continues. See the Alt-FEMA newsletter on [Substack](#): A FEMA memo about the hazard mitigation grant program has been leaked, and so it's threatened as well. Debbie can forward that link.

Debbie also co-chairs the committee that conducts the ASFPM Arid Regions call. ASFPM members from Utah, Arizona, New Mexico, Nevada, California, Idaho and Washington meet, compare notes, and keep each other updated. The next meeting is May 15, 2025: ASFPM Arid Regions Committee: New Mexico Floodplain Manager will present on Roswell floods and floods experienced after 2024 fires.

#### **Other Grant updates:**

**FEMA:** Originally Eric Simmons was going to speak at the July 10, 2025, Floodplain Management Association Quarterly Luncheon, but he was grounded. He is retiring and will be gone May 3, 2025.

CWSD has gotten paid for both of its CTP grants, and both seem to be moving forward. It seemed that CWSD would receive COMS 3 toward the end of the year, but they'll see what happens.

Tom Dallaire and Barbara Resnick will attend May’s ASFPM conference in New Orleans. Hope we can get their insights about FEMA they glean from the conference.

**NAWM:** Look for an email from the National Association of Wetlands Managers about an integrated watershed management workshop in Denver Sep 16-18, 2025. CWSD has been on the working group for these; it gets together folks from the EPA and FEMA regions, and maybe another federal agency, and they host a three-day workshop, inviting local and state representatives to come. Karin Peternel and Jon Bakkedahl from Carson City will attend. They’d usually like one representative from state floodplain management and state emergency management to attend; Sarah and Janell had been suggested attendees; Kathy Canfield is interested.

**Web Hazard Map Viewer:** CWSD is now in contract with Michael Baker to move the flood hazard web viewer to CWSD, which will happen June 1. That includes adding the area drainage master plans that have been done to date that are not on there currently. That might include Ruhenstroth, Virginia City and North Silver Springs, among others. That will be funded with local ad valorem taxes and will include a digital training.

#### **EPA/ NDEP – Brenda Hunt**

Rich Wilkinson with the Carson Valley Conservation District has been working with ranchers downstream of River Fork Ranch on both sides of the river. He had 319 funding that he was using for bank stabilization projects, and I think he's trying to figure out how to move forward with some of these projects and make sure that the river still has access to the floodplain. A lot of new development has happened right along the river there. There’s also cumulative-impact issues and concerns; we must make sure we're not hamstringing ourselves so that we don't create a serial engineering situation and that we utilize the floodplain so the river



can access it. There's a lot of downcutting right now through there; it might be something to have a separate meeting about. NDEP is keen to get a geomorphological study of that whole area done, so you know the funds are being utilized in a way that makes sense.

#### CWSD Floodplain Management / FAW Outreach April – June

Date	School/ Project	EVENT OUTREACH DESCRIPTION
4/19/2025	Tribal Members/ Public	FPST Earth Day
4/24/2025	Churchill Schools	Ag in Class
4/30/2025	Carson City Residents	Carson River Master Plan Open House
5/3/2025	Genoa Western Heritage	Ag in the Classroom
5/3/2025	Tribal Members / Public	Washoe Earth Day
5/9/2025	Eagle Valley MS	Field Day
5/12/2025	Numa ES	CRWD
5/13/2025	Numa ES	CRWD
5/15/2025	Carson City 5th graders	Flood Model Demo
5/16/2025	Carson City 5th graders	Flood Model Demo
5/19/2020	Carson Valley MS	FAW - 2 classes
5/22/2025	Eagle Valley MS	Field Day
5/29/2025	Silver Stage ES and MS	Career Day
5/30/2025	Gardnerville ES	Ag in the Classroom
6/21/2025	Carson City Gun Range	Nevada Outdoor Experience

**Watershed Program and Other Updates** – Brenda and Kelly and met with NDEP and USEPA on completing CWSD's quality assurance project plan (QAPP) proposal for the Carson River Watershed. According to the EPA, to do any sampling, monitoring, evaluation, or any data collection moving forward a quality assurance project plan must be in place. CWSD proposes to create a regional-level QAPP that includes water-quality and soil sampling, photo monitoring, macro invertebrate monitoring, and vegetation monitoring. It'll include necessary protocols and procedures, approved labs to use, and constituents to test for. For any specific watershed projects, this would be the foundation or template to follow and develop your own. Each QAPP must be approved by USEPA Region Nine. We're trying to get ours completed so it can facilitate watershed projects. Karin offered to help develop the regional QAPP. She and Brenda will talk separately. Rachel also offered that Erick Burres is helping AWG update its QAPP CWSD is not able to sole-source this project; because it is federally funded CWSD must follow certain protocols.

CWSD's board granted funds for a watershed literacy resurvey for nonpoint source pollution. The first was conducted in summer 2015. Later in 2015 and 2016 an analysis and a communications and marketing plan were developed, forming the foundation of the I Am Carson River Watershed campaign. A resurvey will help determine how we did. CWSD is creating an RFP for that, which hopefully will go out in the next two weeks.

CWSD just turned in a scope of work to NDEP for agricultural BMPs with Break-A-Heart Ranch in Lyon Co. and Rambling River Ranches in Fallon.

For the 2027 CRASP update, CWSD turned in an application for a National Park Service Rivers, Trails and Conservation Assistance grant, which provides technical assistance for up to two years. We should hear back from them in May.

The CRC March Forum went very well. The CWSD newsletter will be coming out June 30; if anyone has a story idea or would like to contribute one, please contact Kelly Nicholas.

**Next Quarterly Meeting: Wednesday, July 23, 2025, 1:30-3:30 pm CRC FPMG Meeting Hybrid, CWSD and Zoom**

#### **Items of Interest:**

[Sign up for Natural Floodplain Function Webinars \(free\)](#)

**May 18-25, 2025:** [2025 ASFPM Conference](#), “Extraordinary Lessons Below Sea Level: 20 Years of Innovation,” in New Orleans looking back at Hurricane Katrina.

**July 10, 2025: FMA N. Nevada Luncheon, Minden CVIC Hall** Tom Dallaire and Courtney will speak instead to projects going on in the county – ponds up in Johnson Lane, projects down on the Pine Nut Wash – and moving some stuff forward, going through FEMA again for the review and reduction in the flows, and trying to get everything on a consistent model modeling platform.

**Sept 2-5, 2025:** [FMA Annual Conference](#) - Sacramento, CA, at the Hyatt Regency

**Sept. 16-18, 2025:** Integrated Watershed Management Workshops

Denver, CO: National Association of Wetlands Managers (NAWM), in partnership with the Association of State Floodplain Managers (ASFPM), is engaged in a cooperative agreement with the 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 training focus is improv interagency planning and implementation of co-beneficial projects that reduce flood risk and improve water quality, among other benefits. Learn more: <https://www.nawm.org/trainings/integrated-watershed-management#fl>

#### **Scholarships:**

Floodplain Management Association, due 5/31/2025 (\$5k) & 2 Engineering Scholarships (\$10K each): [FMA College Scholarship](#).

## Chat Transcript:

From Mark Forest to Everyone: The published NHFL data will include the panel boundaries as shape files so that you can create a more useful resource on your website.

From Mark Forest to Everyone: the index maps they have been publishing for most communities do not contain enough information to identify the right panel

From Mark Forest to Everyone: Tom, this site also has a much more useful index:

From Mark Forest to Everyone: <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd&extent=-119.63452547683774,38.903968272077456,-119.59787577285826,38.92066466132111>

From Mark Forest to Everyone: I would like to share that letter with ASFPM Foundation Board

From Mark Forest to Everyone: <https://www.usace.army.mil/Media/Fact-Sheets/Fact-Sheets-View/Article/2523036/dam-safety-facts-and-figures/>

From Rachel Maurer, Alpine Watershed Group to CWSD (direct message): Erick Burre is helping AWG update our QAPP is that is helpful to reference at any point in the development of the regional QAPP