



Floodplain Management Working Group Meeting Notes

November 10, 2020

via Zoom Meeting

In Attendance

Andrew Bain, EPA
Mitchell Blum, HDR
Lyndsey Boyer, CCOS
Kathy Canfield, Storey County
Patrick Clancy, FEMA
John Coburn, UNCE (Retired)
Robb Fellows, CCPW
Shane Fryer, CWSD
Brenda Hunt, CWSD
Jeremy Hutchings, Douglas County
Ed James, CWSD
Shyla Lemons, CCPW
Lori Leonard, TNC
Mo Loden, AWG

Rob Loveberg (LID Consultant)
Debbie Neddenriep, CWSD
Dean Patterson, Churchill County
Darcy Phillips, River Wranglers
Rob Pyzel, Lyon County
Carlos Rendo, NDWR
Catrina Schambra, CWSD
Christy Sullivan, L&SCD
Courtney Walker, Douglas County
Erin Warnock, NDWR
Birgit Widegren, NDEP
Janell Woodward, DPS
Sherm Swanson, UNR (Retired)

Round Robin Updates

Darcy Phillips

Not a lot to report because FAW events keep getting weathered out. Last two Fridays had to be cancelled. We are concentrating on developing Flood curriculum online content for 3rd and 6th graders

Robb Fellows, CCPW

They have been busy. A remapping/restudy letter was sent out to citizens who live south of Colorado Street (approx. 400) which generated 17 responses/questions. This is a change for the better in their flood rating because of the freeway improvement, and the public is happy. This LOMR will be effective in early February. Some studies have been delayed but the mapping is getting redone and this is more accurate for Carson City.

Carlos Rendo, NDWR

They are busy with Flood Awareness Week prep, but he will discuss later in agenda. Other than that, they are looking towards next years projects which include highwater marks in watershed, and an educational calendar with flood information as a theme throughout the year.

Lyndsey Boyer, CLOS

They have nearly completed the Carson River Trails Phase 2 project. The new section is very exciting as it is 5 miles of contiguous trail along the river. The Mexican Dam Portage project is almost done. This includes equestrian, watercraft, and hikers better access river, and is a great enhancement to the Aquatic Trail. They also planted Cottonwoods and seeds with River Wranglers.

Mo Loden, AWG

They just wrapped up their West Fork Carson River Restoration project. It was a huge success, and they are very proud of that project. She will be presenting on it at the Alpine County meeting tonight using

drone footage that CWSD provided. AWG really appreciates the video because it really brings the project to life for the presentation way more than any picture she could take.

Courtney Walker, Douglas County

For FAW week Douglas County is hosting a virtual hybrid event at the community center Gardnerville on Nov. 17. County staff, CWSD and RW will be participating and FEMA staff will be available remotely as well. There will be lots of virtual presentations which can be viewed onsite or from home/office. They will also be joining RW for a Flood Event on Nov. 18, weather permitting.

Kathy Canfield, Storey County

Storey County had their Proclamations for FAW week. They are mostly concentrated on Truckee watershed at this time.

Mitchell Blum, HDR

They have submitted the Pinenut letter of Map Revision to Douglas County and are awaiting their review, then it will go to FEMA. The Churchill County PMR is currently on hold.

Dean Patterson, Churchill County

There was a reorganization in Churchill County. The new Public Works & Planning Director is Chris Spross.

Rob Pyzel, Lyon County

He says they have approached their Board and received direction to look for funding for the Alluvial Fan ADMP project.

Christy Sullivan, LCD

Currently working on website and Bench Bottom project.

Erin Warnock, NDWR

Lots of training recently and more coming up. They are doing radio & TV ads this year. This is their first time at this; running thru November. Will be participating in Douglas County Town Hall FAW 11/17/20. Pushing out NDWR videos.

John Coburn, UNCE Retired

Congrats to Ed James on the FLOODPLAIN MANAGER OF THE YEAR AWARD! He received small grant this year re: Climate Change. Please read article, in chat link, re how it affects us.

Sherm Swanson, UNR Retired

Classes via Zoom at UNR; Still Coordinator of Nevada Creeks & Communities Team. Team held classes with over 100 students online only. Proper Functioning Condition (PFC) is still useful tool. He taught concepts in these classes. He suggests we do a Flood Appreciation Week.

Flood Awareness Week

Carlos Rendo (NDWR) reported that COVID-19 has changed everything this year. Douglas County Town Hall is the only FAW Week event. Hybrid: virtual and in-person. Relied on radio and TV ads this year and lots of videos. He is very interested to see how this works, to use in the future too.

Grant Updates

NDEP Clean Water Act Section 319(h) Updates

Watershed Coordination Grant

- Addressing NV Water Supply in the Carson River Watershed Virtual Workshop (*Ed*) Well attended with 100+ participants. Water supply was the focus. All presentations were recorded and have been posted on our website and Carson Water Subconservancy District YouTube Channel. Really good information was provided by speakers.
- CWSD Newsletter –Request for articles (*Brenda/Shane*)

Newsletters will be only twice a year going forward. Please submit articles in early December, for publishing by year end. We want to highlight our partners in newsletter.

- CRS points update (Floodplain Management Plan updates, etc.) (*Debbie*)

Goal is to improve our plan to get more points. CRS credits for meetings but must have Flood Plain Manager & Planner at each meeting.

- Watershed-Literacy next steps, Geomorphology video, AmeriCorps status (*Brenda/Shane*)

WS Virtual Forum will be in March 2021 and is in the planning stage. Continuing the filming for video series. Starting up again with 14 people being filmed at the theater in December.

Geomorphology – River Processes on CR Video is on YouTube now. Will be going on roadshow with it to Board meetings, etc. in Spring. It is a 10-minute video featuring Living River Concept. (See link in Chat, attached)

New CWSD AmeriCorps Member – Interviews on Thursday. This will be challenging during COVID; 6-8 month term.

- Mercury CERCLA Site Update (*EPA/NDEP/D*) (Confirming EPA/NDEP availability) Andrew Bain gave update on status and shared website story map on EPA website. (See link in chat, attached.) This is a great resource making data transparent and available to public.
- Other CRC partner 319 Grant updates (not covered in the Round Robin) Courtney Walker reported 319 Grant will include Outreach and Implementation with Minden, Douglas High School, and surrounding neighborhood. Water Sampling, testing: High School & Neighborhood fertilizers. Project for LID to present career ideas to students.

FEMA MAS PROJECTS

FEMA 9

- Ed James reported MAS 9 projects are mostly finished at this point and will be done by end of year: NCC Mitigation Plan, Lyon County ADMP & Pinenut LOMR

FEMA 10

- Currently on hold: Ed James explained issue with RFQ process and ON-CALL List CWSD found out that we must do RFQ for each project during audit process. Awaiting FEMA guidance on how to move forward with FEMA MAS 10 Projects: Ruhenstroth, Churchill Cty Map; WCC Mitigation Plan; CV Modeling Response. Patrick Clancey (FEMA Regional Rep, Area 9) says he is waiting on his legal guidance. Three possible remedies are being looked at now and he hopes it will be the easiest most straight forward guidance. He apologizes for the delay. RFP must be completed every time and sole source is a tough issue moving forward.

FEMA 11

- Debbie Neddenriep reports that SOQs back from 3 vendors to review and score for FEMA MAS 11 projects. They are due back by November 13. Projects include: Ruhenstroth; Clear Creek; Carson Valley Flood Forecast Model; and Smelter Creek.

FEMA 12 Potential Projects

- Ed James reported that projects have been submitted to FEMA for MAS 12 projects and we will hear back in early 2021. These projects include SE Carson ADMP; Buckeye Flood Control/Mueller Pkwy Retention Basin; Virginia City; East Carson ADMP; Six-Mile Canyon; and Community Outreach.

Low Impact Development – NDEP Clean Water Act Section 208

- Robb Loveberg reported that the CC Project is moving forward to the December Planning meeting. Robb Fellows commented that the meeting was well received and unanimously put for the to the Board of Supervisors. The Storm Drain /LID will be put together as a Drainage Manual. Standards taken from Code and put into the manual which will be required LID with development progressing. If approved this will be mandatory in Carson City. Brenda Hunt reports Douglas and Lyon counties are making it incentivized instead of mandatory and hope to have draft language by yearend. Grant ends 12/31/2020.

State Hazard Mitigation - Status of upcoming HMGP and BRIC NOFOs

- Janell Woodward reported on BRIC – Building Resilient Infrastructure in Communities: Final Apps are due 12/11/2020 in FEMA GO System. BRIC will rank following week There is a new Chief at DEM, moving under military. Applications are due to FEMA January 29, 2021. HMGP Post Fire Mitigation Funding; FMEGS Due to Fire; and FMA, She is hoping Bunny Bishop will spearhead Flood Projects. FMEGS due in February. Her office has been very busy.

UAS Monitoring - NDEP Clean Water Act Section 106

- Shane Fryer discussed his missions with the Drone so far. The grant has been completed and the final video presentation is being put together now. Will be available soon.

USBR WaterSmart-Water Market Development

- Ed James reported that potential storage is the focus now. Report is due in early Spring.

Aquatic Trail Enhancements - NV State Parks Non-motorized Trails Grant App

- Shane Fryer reported that the Trail Grant will enhance the Aquatic Trail. Project will include: more funding for the Mexican Dam Portage, safety signage throughout the trail, access at Cradlebaugh and Santa Maria enhancements. Submitting 11/13/2020.

Zoom Call Chat Notes

From Mo Loden to Everyone: 01:50 PM

<https://signup.e2ma.net/signup/1930531/1809348/>

From GR--John Cobourn, Minden, NV to Everyone: 02:12 PM

Studies predicts larger Atmospheric River Storms in the West, producing larger winter floods:

Scientists from Colorado and Southern California research universities have completed studies on the link between rising global temperatures and the strength and frequency of large wet winter storms known as Atmospheric Rivers.

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1. American Geophysical Union (2018). Climate change may lead to bigger atmospheric rivers, <https://news.agu.org/press-release/climate-change-may-lead-to-bigger-atmospheric-rivers/>
2. Musselman, K.N., Lehner, F., Ikeda, K. et. al. (2018). [Projected increases and shifts in rain-on-snow flood risk over western North America](#). Nature Clim Change 8, 808–812, doi:10.1038/s41558-018-0236-4

From Shane to Everyone: 02:26 PM

<https://www.youtube.com/watch?v=ltdlYDnJfSU>

Working With the Carson River - Geomorph 101

From abain to Everyone: 02:42 PM

<https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0903020>

bain.andrew@epa.gov

415-972-3167

From Janell Woodward to Everyone: 03:20 PM

jwoodward@dps.state.nv.us

<https://go.fema.gov/login?redirect=%2Fsubgrants#>

From Janell Woodward to Everyone: 03:21 PM

<https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities>

<https://www.fema.gov/grants/mitigation/fy2020-nofo>

From abain to Everyone: 03:27 PM

Sounds great Shane! Would love to have you share with our EPA Mercury team soon. Let's coordinate.