



# Floodplain Management Working Group Meeting Notes

August 20, 2019

Sierra Room at Carson City Community Center  
851 E. William Street, Carson City, NV 89701

## **In Attendance:**

Shane Fryer, CWSD  
Loren Secor, CWSD AmeriCorps  
Brenda Hunt, CWSD  
Catrina Schambra, CWSD  
Bunny Bishop, NDWR  
John Cobourn, UNCE  
Mo Loden, AWG  
Robb Fellows, CCPW  
Jean Stone, NDEP  
Michael Johnson, Churchill County  
Lyndsey Boyer, CCOS

Brian Peters, Alpine County  
Tammy Kinsley, Lyon County  
Mitchell Blum, HDR  
Courtney Walker, Douglas County  
Lori Leonard, TNC  
Sherman Swanson, UNR/NV CCT  
Debbie Neddenriep, CWSD  
Ed James, CWSD  
Rob Loveberg, Attorney  
Nichole Goehring, NDWR

## **Member Round Robin Updates:**

### **Mitch Blum, HDR**

Pine Nut drainage is his current project. Upcoming project is revisions to the Douglas County model, per FEMA comments. They will be looking at existing, non-certified (by FEMA) levee breaches. (i.e. SR 395 is NOT a certified levee per FEMA.) They will also be working on Churchill County mapping: Lahontan to southern sink. They will be looking at hydrology regarding flashfloods.

### **Tammy Kinsley, Lyon County**

They just finished work on the Master Plan. Presenting to community and Planning Commission. Also working on their Floodplain Ordinance.

### **Brian Peters, Alpine County**

Regarding their Floodplain Ordinance: They are working on Webinar as community outreach and an education tool. It's a challenge to get info out there as Alpine County has no community advisory boards. Community needs to understand the mapping of the river and rules: Recent parcel of land for sale and what buyers would like to do with that land shows education is needed. There is talk of subdividing also. He noted his Board has reported Algae Blooms.

### **Lyndsey Boyer, CLOS**

Lyndsey talked about the fire last year and the resulting grant funding to keep on top of the weed situation. Restoration is an Eagle Scout project; seeding; new trailhead; working hard to put in fences and barriers to protect the river's edge. Ongoing project to get willows and vegetation back after the fire.

### **Michael Johnson, Churchill County**

Churchill County still repairing 2017 flood damage. They are looking at re-mapping. Shane Coors from Colorado is involved. Two-three years is goal for remapping. They are working on hydrology not recognized by FEMA, regarding the flooding below the reservoir.

### **Courtney Walker, Douglas County**

The Johnson Lane ADMP was a public lawsuit (30 homeowners) and Douglas County is waiting to see result. The hope is for 1-2 basins to be implemented and takeover of Saratoga Springs drainage. Area HOAs are looking at county to take over maintenance and improving easements and drainage. They just got funding for Ruhenstroth ADMP and is excited to start that project! Lots of unique issues in that area. Lake Topaz is also a new project. Updating Floodplain Management Code. Working with Planning Commission, Farm Bureau and AG groups. Ongoing negotiation in that area. Hopefully, they will have a new code by end of year. Also, thus far they have received four applications for new City Manager.

### **Lori Leonard, River Fork Ranch Preserve Manager, TNC**

This is her first meeting and so she introduced herself but stressed she is more here to listen and learn today. She reported on streambed restoration; grant ideas, willow planting; looking at bioengineering to stabilize banks. Willow harvesting and planting project are coming up. Turtle surveys are happening now.

### **Jean Stone, NDEP**

Reminder to all: 319 Grant Proposals are due this Friday! She was asked about the “concrete in the river stabilization.” She reported that the concrete is still on banks and there has been no water pollution enforcement that she is aware of. It looks like the owners have buried the concrete instead of removing it. She says the political will does not seem to be there for enforcement. She says the property is by Willow Bend, down Genoa Road, but it is happening in several areas. There was discussion among the group on how we can facilitate action in this area.

### **Rob Fellows, CCPW**

Discussed new FEMA maps that are in use effective June 2019. He is working on new LOMRs (Letter of Map Revision) and those projects are moving forward. The Freeway LOMAR is now in FEMA hands. CCADP – North of 50 currently being worked on and they are now funded for the west side too. They will be starting that project soon. Carson City will be connecting walking paths along river with grant funding. There is \$4 Million in drainage improvements in South Carson City (near DMV area) that is slated to start next year.

### **Rob Loveberg, Planning Consultant**

He stated all his stuff is covered under other agenda items.

### **Mo Loden, AWG**

Red Lake and Indian Creek Reservoir observed and confirmed toxin Algae bloom. This is a huge project. State Water board is funding the lab analysis to monitor. AWG is monitoring 4 sites at Red Lake, twice a month; 1 site at Indian Creek Reservoir; and 1 site at Wet Meadow. There are dangerous

levels of toxins in the water. STPUD is also monitoring Indian Creek and warning signs have been posted. But they need better signs. Red Lake looks terrible, should be called GREEN lake. She is not sure why this happened because the tributary looks great. It's a mystery. AWG is working at capacity monitoring 3 lakes at present. It was noted that this is a good project for potential future funding opportunity. CWSD wants AWG to write a newsletter article about this situation and their monitoring.

### **Sherman Swanson, UNR**

He was recently on a trip to Mongolia and saw lots of rivers.

### **Debbie Neddenriep, CWSD**

She is currently working on the CRS report, (Community Rating System) for Carson City, Storey and Douglas counties.

### **Ed James, CWSD**

He reported he has been attending county meetings regarding ADMP. Today he heard his 4<sup>th</sup> presentation in Storey County. He feels the ADMP is a great tool.

### **Bunny Bishop, NDWR**

Reported several upcoming events:

- Sept. 17-18, 2019 - Day 1: Locals to talk and FEMA; Day 2: Consultant via FEMA, EC, ASO, BFE (Watch for flyer)
- Information coming out next week on October Workshops re: NOFO (Notice of Funding Opportunities) Grants. Oct 2-3 are possible dates
- Floodplain Management Convention in San Diego, Labor Day Weekend this year. Next year it will be in Sacramento. Plan to attend that one.
- FEMA is doing a state assessment: Making Nevada a community (Exec Order in place in NV – because no Federal Regulation is in place.) She is working on the gap analysis now.
- She is planning for Flood Awareness Week in November. So far there will be a table in the Brian Building/Douglas County; this is still in planning stage.
- She asked for advice for PSA she is working on; Statewide for TV. Will be contacting CWSD – Debbie and Shane for help. Debbie noted re: Hazard Mitigation NOFO, Storey County is putting CWSD as their mitigation plan “jurisdiction” so we can have access to Hazard Mitigation funding. She mentioned the need for a Carson River structure inventory, too. CWSD should get jurisdiction watershed-wide, for all WS counties with this funding.

### **John Cobourn, UNCE**

Climate Change education is his focus since his retirement. He believes this goes hand in hand with watershed management. Good watershed management is key. He announced the Sept. 23, 2019 UNR Global Climate Change Summit and passed around the information on it. He thinks this is an important event and he hopes we all plan to attend. He will forward the link to Brenda to distribute to all CRC.

### **Nicole Goehring, NDWR**

Bunny covered their update. She is currently working on presentation for the Fall event.

## Grant Updates:

- A. FEMA MAS Projects and Funding – Ed reports CWSD got the FEMA MAS 10 funding and discussed projects it would cover. Debbie talked about wrapping up MAS 8 and discussed FEMA growth expectations. Bunny suggests she use “Maintain Outreach Growth” as goal to cover this requirement.
- B. USACE Alluvial Fan Phase II - Brenda will ask for an update from USACE by next meeting. She reports Prison Hill, east – Hydrology studies; Brunswick Canyon; 13 square miles of watershed; (LIDAR possible in future. East of 50 – need planning level tool.) Douglas County identified a few fans in north county.
- C. USBR WaterSmart-Water Market Development – Ed says the focus is on sustainability and how to enhance our water supply. Holistic approach to water resources and water rights to transfer water storage; looking at these areas. Alpine Decree restricts climate change ideas. CWSD is meeting with water purveyors and water masters in September.
- D. 208 LID Project – Rob Loveberg reports tasks: to look at codes to identify barriers to LID; Flood Ordinance Language; LID measures appropriate for counties; Help improve planning processes to include LID being included in planning; List of LID measures for 4 counties; still need to work on contract ordinance. Floodplain ordinance project to be done by end of August, so next focus is LID project. We are requesting extension to 208 LID Project from NDEP.
- E. USFS East Fork Funding Opportunity – Shane talked about river use this year, which was HUGE. Impacts to hot springs area, plus Parks Cattle Land improvements; Potential to partner with USFS for funding to improve this area. Possible campground; recreation area; more to come on this subject. CWSD met with Friends of Hope Valley and USFS to discuss East Fork Hot Springs impact issues.
- F. NDEP Clean Water Act Section 319(h) – Watershed-Literacy Geomorphology 101: Shane reported on planning/educating on Carson River by learning from older projects; and the river changes over the years. Projects that were successful – what have we learned? He explained his recent use of drone footage and how that helps us to learn and monitor the river changes. He is working with Lynn Zonge (RCI) on a presentation for the Fall Symposium.
- G. Weed update – The 2019-20 Weed Abatement Program is ongoing; the NFWF Grant ends this year. Weeds are a real problem this year; but hiring help is not as easy as it used to be as there are lots of got jobs out there.

Brenda gave an introduction to the new “I am Carson River Watershed Campaign.” She provided an overview of the project and its target audience. The launch is scheduled for November. Shane showed a conceptual video sample showing the idea of a person walking through various areas in the watershed, both urban and rural areas, to show no matter where you are you are in the watershed, your actions matter. Brenda explained the plan for

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distribution of a logo sticker with a postcard back that would have guidance on simple things the community members can do to help maintain a healthy watershed. Next steps include filming, creation of splash page, and media strategy.

**Upcoming Meetings/Conferences:**

**CRC Education Work Group Meeting August 28, 2019**

**Water Purveyor Meetings September 13 & 16<sup>th</sup>, 2019**

**NWRA Fall Conference Sept. 23-26, 2019**

**CRC Seminar Oct. 23, 2019**