

TRINITY RIVER WATERSHED COUNCIL

Mission Statement

To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting

Minutes

Monday July 12, 2021

Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

One tap mobile

+16699009128,,87825009225#,,, *408382# US (San Jose)

+13462487799,,87825009225#,,, *408382# US (Houston)

Attendees included: Sam Chilcote (TC Fish and Game Advisory Council); Mike Dixon (TRRP); Amelia Fleitz and Kelly Sheen(TCRCD); David Colbeck (Trinity County Department of Transportation), Keith Greenwood (SPI), Kate Blanchard (CDFW), Eric Wiseman (USFS), Deidre Brower (Trinity River Consulting), Lisa Wright (Flora), Erin Taylor and Tiffany Perez (NRCS), Kenneth Baldwin, Brayn McFadin (NCRWQCB), Tim Kasper (Weaverville Community Service District) and Liz and Margret (WSP), Josh Smith and Cindy Buxton (WRTC).

1. Introductions
2. Amelia introduced that this discussion was brought to the group by Josh and Amelia after hearing concerns from the community members about the water availability, wells drying up, water being trucked outside of the water districts, concerns for energy supply, and overall water availability in the County. This will be a forum for agencies to discuss what they are seeing throughout the County, collaborate on educational materials for the community, and help address some of the rumors.
3. Amelia reported she talked with Mike Dixon (TRRP) and Paul Hauser (TPUD) before this meeting to discuss concerns about lake levels and what that means for power. At this point in time “deadpool” (at which point water is below the level where it flows from Trinity Lake to Lewiston Lake) is not a concern for this year. However, if this drought would continue next year then the potential of deadpool could come about next year. Amelia continued to state that even with this potential that the agreements that TPUD has with the Western Area Power Administration will provide power to TPUD, however it will likely be at a greater expense to the end user.
 - a. Mike Dixon added: in order to meet temperature targets for the fall, we may have to bypass energy generation at the Lewiston Dam at point this fall. Currently the BOR is failing temperature target at Douglas City for holding fish, the temperature is supposed to be at 60F and is currently around 62F. The BOR is trying to maintain enough cold water in the lake to support spawning later in the year.
 - b. Mike continued that the end of September storage will be close to 160,000 cubic feet, while current storage is over 1 million cubic feet. There is currently a lot of water is

going to Whiskeytown, and he is not sure when that allocation will decrease. This include the worst case scenario modeling which would include a release for the Klamath to meet flow and temperature standards.

4. Josh Smith questioned how to best work on identifying where the problem areas are in the County. In the past the Watershed Research and Training Center has been able to identify problem areas during drought years and was able to receive funding for water storage and forbearance agreements to implement in future years in the Browns Creek Drainage. Josh is interested in how we can gather this information to build future projects. David Colbeck identified that the EIR did identify sensitive watershed for cannabis production which could be used to identify areas of concern.
 - a. How would be propose to ask the questions and education?
 - i. Amelia proposed a small survey. Just asking for location, if they are in a water district, and if they have water or not, if they are on a well or not, and if they do not have water are they having water trucked in? Using social media, flyers, and a small item in the Trinity Journal to return as an option.
 - ii. David Colbeck proposed an All County Mailing?
 1. Look at the cost for a small post card for the mailing. - return for the survey would be an additional cost. David suggested making a request to the County Planning or DOT department for some funding to implement this survey.
 2. Kristie Anderson is the director of Environmental Health and to talk to her first.
 3. The goal would be to look at what levels in the community have low water community and low water productivity - areas have been already identified.
 - a. We need to work on education on the relationship between surface water and ground water is complicated in this county. Many places in the EIR do not address this relationship and some areas have been called out as recognized areas of concern.
 - b. Cindy - Outside of the area there is overall lack of education of what kind of wells people have vs seep well and ground water wells. There does need to be a larger conversation about the connectivity in our local streams and ground water.
 - c. Josh - also asked everyone to document when the streams start to become disconnected pools - just the photographs with the date stamps, keep the rock or stream in similar photos. This will help us to know in the future and track the water levels.
 - d. Bryan McFadin shared that there is a flyer that discusses water on near stream well issues and recommendation for the landowners has been created. Looking to get that distributed throughout CA.
5. Eric Wiseman stated the situation this year is dire, the water temperature situation is out of hand, everything is unbelievably warm - all time high temperatures already being recorded. Over the weekend Stuarts Fork was warm, but not as warm of the tributaries to the mainstem, likely 68F. He reported that landowners on lower Little Browns Creek have been getting water off a spring for the last 37 years and it has dried up.

- a. Eric goes on to discuss the removal of a beaver dam by a CDFW Game Warden on Browns Creek and then the private landowners documented the loss to the wildlife pictured below.



- b. The beaver dam was first removed on Friday evening, the beaver came back on Saturday and tried to rebuild, and on Sunday the game warden came back to remove the dam again. You can see the loss of aquatic life from these actions. The landowner is heartbroken over this situation.
 - c. David loves beaver dam analogues! He commented that how small constructed dams for swimming, mining, surface water diversion maintenance or other people just-having-fun-reasons, whether connectivity between refugia is more important than these small dams creating pool refugia.
 - d. Eric proposed working on a drought awareness newsletter and conducting little workshops in the schools to discuss proper way to build summer dams. There is a better way to build the summer dams and a worse way.
 - e. Lisa Wright stated it was hypocritical that a CDFW game warden would create this modification and all the cannabis property owners have to do all the engineering and CEQA and this was done with no compliance.
 - f. Deidre stated the educational outreach is important, some people will be apprehensive about giving their information in the earlier mentioned survey. But by providing information for what they can do for their local species, what landowners can you do to prevent all your trees dying, and other educational components we may get more buy in.
6. David Colbeck asked Tim Kasper to report out on Weaverville CSD's current state and water diversions. Tim was not able to join with audio, Amelia reported she was able to talk to Tim Kasper of Weaverville CSD quickly last week and he did state that they had plenty of water, however Amelia did not know more about how much is being removed from Trinity River at this point in time.

This meeting will be continued to be held Mondays at 10-10:30am via Zoom.

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Trinity County Water Security and Conservation Meeting
Minutes

Monday July 19, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

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Attendees included: Amelia Fleitz and Kelly Sheen(TCRCD); David Colbeck (Trinity County Department of Transportation), Keith Greenwood (SPI), Kate Blanchard (CDFW), Eric Wiseman (USFS), Lisa Wright (Flora), Tim Kasper (Weaverville Community Service District), Kristy Anderson (Trinity County Environmental Health), Kim Hunter (Trinity County Planning Department), and Zack Patteck, Josh Smith and Cindy Buxton (WRTC).

1. Introductions
2. Weaverville Community Service District (WCSD) Update (Tim Kasper)
 - a. We are pulling limited amount from East Weaver Creek based on availability and West Weaver is in the same boat (only a few hundred gallons per minute).
 - b. The WCSD is relying heavily on Trinity River - Trinity Lumber is now purchasing water from WCSD because the Lumber Company cannot get enough from their holding ponds.
 - c. We are seeing lower waters and higher temperatures as everyone else.
 - d. East Weaver construction was slated for this fall, but it has not happened yet. Tim does not anticipate any changes here to impact take for this year. Tim is trying to do the best for flow for fish passage and for water availability for the community.
 - e. Amelia Fleitz (TCRCD) included that we have the preliminary design proposals for West Weaver which need to be reviewed by WCSD and USFS to move forward. At this point in time TCRCD is looking for additional funding to continue development of this project.
3. Water Trucks - Kelly Sheen (TCRCD)
 - a. Kelly was approached by someone on Steelbridge Road and asking for information about tanker fill-ups. Mentioned they could get approximately 3000 Gallons for \$150. Kelly inquired how is this going on? Where is this water coming from?

- b. Tim Kasper responded that most of this is getting pulled off of one hydrant in Douglas City. Kelly asked how is it metered? How is it being paid for?
- c. Tim stated there are several water haulers set up with them and pay the WCSD for access to the hydrants with a monthly fee and pay a per load fee based on the size of their truck. In Douglas City there is ample water for them to fill their tanks. There is a lot going to growers, but also to those who are using it for domestic use because the creek or well is dry. There is potential for theft, but WCSD does have a good relationship with their drivers and the locals call in to report anything suspicious. It is not a lot of water being transported in water trucks compared to what we do on a daily basis. "It is only a drop in the bucket." The truckers also report to WCSD if there is something going on, such as illegal take at the hydrant.
 - i. Tim has a list of the names of the people that are allowed to fill and there are only five people, of which only one is a potable water hauler. Tim can see on his system when they take water and all of his haulers have a certificate on their windshield. WCSD does not track where every load goes. If the tanks are under 2000 gallons they fill up at the office. The largest hauler holds 4300 gallons, but they are usually around 3,000 gallons.
 - ii. Tankers pay \$139 per month for access to the hydrant and per load it is \$18-25 per load. The pay per load is on the honor system and it is treated, only 1 potable water tanker the others are not potable in an iron tank. A lot of it goes into pools. Water haulers can't put non-potable water in a potable tank.
 - iii. The larger water haulers are supposed to fill at the industrial park or Douglas City, one person can fill on Oregon Street - and is not a water hauler.
- d. David wanted to interject as to if this is going to cannabis or not, per code 17.03.060B - water for cannabis is only allowable for emergency services and there needs to be a receipt. Does it need to be defined better as we are in a drought and this is not an unexpected loss? That this drought is not an unforeseeable emergency?
 - i. Tim mentions if he cuts the trucks off there will be heartache and pain for the domestic users. Cutting off the haulers will also likely increase the theft.
 - ii. Kristy Anderson of (Trinity County HHS) if the true intent is to provide potable water - couldn't we limit to potable water truck haulers only? Additionally, why is there is not tracking for where the water is going and the water rights are specific to Weaverville? Tim states that the water rights for Douglas City are for the community in the broader sense without a designation for one specific community, thus the water is not to Weaverville CSD boundaries. Weaverville CSD is not responsible for where the water goes after he sells.
 - iii. Josh Smith (WRTC) adds the water that is non-potable is going for toilet and showers, thus the non-potable water being hauled could be used in a beneficial manner.

4. Wells

- a. Amelia inquired if there has been an increase in wells and well depth in the County?
- b. Kristy Anderson noted there has been an increase of multiple wells on the same property, people are trying to drill their 5th, 6th, 7th well. There are strict setbacks and depth requirements, we are seeing a need for water. No new permits, just more wells in the same area. Kristy described the setback as 150ft from a watercourse.

- c. Josh asked does anyone have specific regulation for not to be hydrologically connected to a stream?
 - i. Kate mentioned the Waterboard has tried to stay out of that. On the coast an applicant has had to proof that the well was not connected with pumping air though the well, in which this case happened to be connected.
 - d. Kristy - there was some trial and error at first, anything less than 20ft in depth is surface water diversion, needs to be under 20ft to be determined to be ground water. If they are close to a creek it is determinant as to if that well is impacting the local stream.
 - e. David stated that well production reports are kept on file when they are initially drilled and inquired if there is any reporting after that?
 - i. Kristy stated that the cannabis program requires well rate recovery every five years, but no reporting for residential purposes.
5. Surveys Update - Amelia
- a. Amelia stated that she is working to develop a simple survey to distribute throughout the County to accumulate the data to develop projects when drought relief funding becomes available, to target the areas most impacted. There are additional state-wide surveys going on which are included below.
 - b. The Nature Conservancy Environmental Drought Impact Survey Reporting: <https://survey123.arcgis.com/share/92ac1fbd1fc846e79a71cd580cb65d5e>
 - c. Department of Water Resources Drought for Personal Water Use Reporting: <https://mydrywatersupply.water.ca.gov/report/>
6. Algal Blooms - Kristy Anderson
- a. We are finding a lot of harmful algal blooms throughout the County and will be doing a press release today. Most streams they are finding harmful algal blooms to keep the animals and livestock out of the creeks when it is present. All the GPS locations are on the Waterboard site and they will look to populate the sites in the press release. <https://mywaterquality.ca.gov/habs/>
 - b. There are a variety of harmful algal but the microsystem mats that have been present, South Fork Trinity, Mad River, Van Duzen, South Fork of the Eel and Middle Eel and the tributaries. In April it was found in Hayfork Creek and Carr Creek. In the last month or so it has been found in the mainstem of the Trinity River and led to the death of a dog recently. Dogs and livestock are heavily impacted and near the fishery in Lewiston.
 - c. They are also monitoring the drinking water reservoirs for the algal and harmful toxins. Kristy mentions that they have located 7 different toxins in the Ewing Reservoir and that it has been located in the mainstem below the hatchery in Lewiston.
 - d. Josh stated there are filamentous algal mats throughout the area, we have not heard of Anna toxin A, that would be helpful. Kristy has been posting everywhere they find it to help tell the swimmers.
 - e. Amelia inquired what is the recommendations for domestic water users?
 - f. Kristy stated there are ppm values for not to use but the concentrations are not there yet. There is not enough research on these toxins yet, but early research shows that low doses over a long period of time can cause health deficits.

- i. Kristy recommends keeping the mat material out of your water source, for shallow seep wells make sure to remove algal mats.

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Trinity County Water Security and Conservation Meeting
Minutes
Monday July 26, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

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Attendees included: Amelia Fleitz and Kelly Sheen(TCRCD); David Colbeck (Trinity County Department of Transportation), Sandra Perez (NWRCD - 5Cs), Kate Blanchard (CDFW), Adrien Keys (TCAA), Lisa Wright (Flora), Kim Hunter (Trinity County Planning Department), and Cindy Buxton (WRTC).

1. Introductions
2. Water Trucks
 - a. Lisa Wright is concerned that water is moving outside of the community service districts she notes that Bucktail has some water rights, but there seem to be water trucks going to Mel Deardoffs (on Goose Ranch Rd) and filling to give to Bucktail residents. Bucktail may have their own water district that has a right to the Trinity River.
 - b. David states water is public resource and whether it is going through the Lewiston CSD or through a well, whether it be through the State Water Resource Control Board or through CDFW it needs to meet the requirements to draft the water.
 - i. Similar to the water from WCSD to use the Trinity River infiltration gallery or to draft from the water directly from the surface.
 - ii. It is a regulated system, but we don't know exactly where it is being regulated.
 - c. If anyone would like to make an anonymous report about a water truck or water use they can use: <https://calepacomplaints.secure.force.com/complaints/Complaint>
3. Wells
 - a. Amelia expressed concern about the previous meetings statement that the number of well per property were reaching up to 7. And inquired about the County's governance over wells, well production, and the number of wells per parcel.
 - b. Kim Hunter stated
 - i. There is not a sustainable ground water management in Trinity County.

- ii. There is not a regulation for well per acre on a property.
 - iii. Smaller properties - post mountain - 2-3 wells drilled per acre
 - iv. 100 ft set back from the septic etc. They are running out of places to drill because of the setbacks.
- c. David state that with the General Plan Update - going back decades there was a notion of critical water overlays and work on the development on the general plan. Will the general plan update this type of water concern to address the wells and water trucks in the short term? Can you speak to the general plan update in this issue?
- i. Kim stated the General Plan sets policy but does not bring about ordinances, but it can bring policy and programs for directions to go. The General Plan will set direction and address water, but the policies will eventual result in ordinances to help organize the zone or other items that need to changed.
 - ii. David asked about the plan for a number of meetings to be held throughout the County for the General plan, where are we in this process?
 - iii. Kim has a study session planned with the BOS on August 10th in the afternoon as a special meeting and an evening kick-off meeting for a community meeting that evening and developing a technical advisory group and they are looking for someone to sit on the advisory board for the natural resources board, water resources will come to play in that technical advisory group.
 - iv. Sandra Perez contributed that 5Cs did the water resources study (2 studies) which resulted in two different recommendations of ways to minimize water impacts throughout the County and critical water resource overlay zones, which there are few on record, but these reports identified additional areas to increase the areas. And at the time when presented to the BOS and the Planning Commission that there was not time to deal with these due to cannabis.

4. Hayfork Update

- a. Adrien Keys has been talking closely with Trinity County Waterworks which does not feel that they have the policy in place to hold the water within the Water District and they are trying to work on that. The cannabis program does not allow cannabis to solely use water delivery. A recent study to incentivize and increase additional storage found beneficial outcomes and there is potential of using available funding from grant money for prop 1 and CDFW for additional areas. Adrien also discussed the need for ordinance development for non-potable to be delivered and stored in tanks. How does non-potable dovetail into the existing policy?
 - 1. David there was an appeal to the planning commission based on the previous decisions for non-potable water storage.
 - 2. Adrien adds under the current ordinance for cannabis you can only import water for cannabis for an emergency that is not foreseeable - and that right now this was foreseeable. How do we disconnect between cannabis water tanks and those for municipal/residential use?
 - a. David added it needs to be separated in different systems. It being translated into a universal policy that this did not get firmed up.
 - 3. Cindy Buxton adds potable water can only be stored for 30 days in a tank - is based on the riparian or standard water right, if you want to store

your water for more than 30 days you need a small domestic use water right or another. Potable storage for domestic use or for non-potable there is no difference for water storage length of time. The Watershed Center is looking into the length of storage on the water for water quality for the length of time it can still

4. Adrien would like to see watershed wide projects for water storage projects, for domestic use as a priority and then see about water for agriculture. Deliver to the water for domestic needs first. Adrien brings up cracking down on the water districts, the worry is that it will put pressure on the remaining water in the creeks to just go get that rather than a more reliable source.
5. Cindy seconds what Adrien said, we need to be strategic in the crack down on the water trucks because there is not much water in the creeks to take and without monitoring where the water is going to from the water districts we may be inadvertently impacting some domestic uses rather than making the targeted impact.
6. It was also noted by Cindy that there is potential for water to be transported in vehicle other than water trucks. She observed a semitruck parked at someone's property filling the tanks for their cannabis farm. Are people moving in water in other vehicles?
7. Amelia contributed that she has had reports of people are moving water in the dawn and dusk in personal vehicles in the Hayfork Area. Additionally, that recently a friend had a motorcycle accident after slipping on water on the road and that we need to find a way to insure that the water trucks are emptying their tanks off the roadways.
8. David stated the County can't regulate the type of vehicle on the road, all the roads are available for any use from logging trucks to motorcycles. David added that they could work with CHP and the Sheriffs' office for policing a hazard. CHP is responsible for policing on the State and County roads.
9. Lisa stated that for a comment on Cannabis water usage and restriction on deliver the ordinance only covers 250-300 licensed growers when there are likely 4000 growers in the County, so the ordinance is only applying to 5% of the growers in the County.
10. Adrien seconds this and finds he has to explain regulated and unregulated on a regular basis.
11. David stated when the program is up and running under the new ordinance that then enforcement of the unregulated and unlicensed farms can take place to encourage more people to bring them into the licensed project.
 - a. Mitigation in the final EIR for water regulations includes an adaptive management strategy to troubleshoot for cannabis farms that have trouble with water, that they are going to need to provide data that their wells are productive - there needs to be more data and discussion and how to do this.

- b. If a farm does not have a stable water source then it puts into flexibility for water access to look at forbearance agreements to take the water in the winter and use in the summer, could be a tactic for the well as well.
- 5. Amelia provided an update on the development of a simple survey to get information from the landowners on where they are being impacted the most.

This meeting will be continued to be held Mondays at 10-10:30am via Zoom.

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Trinity County Water Security and Conservation Meeting
Minutes
Monday August 2, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JV0E1qUT09>

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Attendees included: Amelia Fleitz (TCRCD), Mike Dixon (TRRP) Kate Blanchard (CDFW) David Colbeck (Trinity County DOT), Keith Greenwood (SPI), Lisa Wright (Flora), Adrien Keys (TCAA), Galen Anderson and Eric Wiseman (USFS), Deidre Brauer (Trinity River Consulting), Sandra Perez (5Cs), Kyle DeJulio (Yurok Tribe) and Brian Hill.

1. Introduction
2. County Update
 - a. Amelia stated there was a second dog that died from the algal bloom in the Trinity River last week and that the County has declared a Drought Emergency, it is going before the BOS for ratification tomorrow. Available here:
<https://trinity.novusagenda.com/agendapublic/CoverSheet.aspx?ItemID=5146&MeetingID=231>
3. BOR Update
 - a. Mike's Email:
 - i. For those who are interested, this is the 90% exceedance end of month storage projection that was released last week. It does not account for the possibility of additional Trinity water under alt 4 of Reclamation's Whiskeytown drought EA (I believe 35kaf), nor does it include the small (~1.5kaf) pulse flow release to the Trinity that is ramping down now. For anyone unaccustomed to reading these, I wouldn't put any stock in the numbers after October; those depend on what kind of winter we get and the 90% assumes continued major drought.

Storages
Federal End of the Month Storage/Elevation (TAF/Feet)

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Trinity	1162	1004	818	635	589	554	536	535	563	624	682	712	647
Elev.	2256	2233	2207	2200	2194	2191	2191	2196	2206	2215	2219	2209	

- b. Trinity is currently at 998kaf, which is 41% of capacity. Inflow for the current water year looks like about 318kaf, which is around 23% of mean.

- i. excerpt from the monthly projects for the water, will be dipping below 70,000 acre feet, below 600,000 in October will be hard for meeting temperature requirements for fall Chinook spawning season.
 - ii. Reclamation is considering 4 alternatives - inability to meet Sacramento Targets - take an additional 35,000 acre feet into Whiskeytown and these would push us below 600,000 acre feet in September rather than October.
 - iii. Flow management to mitigate disease risk - implement a modest action to decrease by a few degrees at the Hoopa temperature gage
 - iv. New modern spring chinook run in butte creek - they have lost half the fish due to disease.
 - c. David - where is BOR in the selection for alternatives?
 - i. Mike is not involved with that and does not know their timeline, but believes it should be in the next week or two.
 - ii. David believes they extended the public comment period.
 - 1. Kyle stated it was extended through August 5th.
- 4. Prioritize domestic use of water over agricultural use
 - a. Cindy stated from a Waterboard Staff Member that the CSDs are not necessarily required to keep track of where the water trucks go under normal conditions, but under drought they may need to track the water and insure that it does not go outside of the water District. Cindy is looking for the verbiage speaking to this specifically.
 - b. Kate gave cease and desist orders in Humboldt County for selling water outside of the Water District Boundaries in 2010. WCSD has said that their right to the Trinity River in Douglas City does not have water district boundaries associated with it.
 - c. Adrien Keys - are the CSDs able to develop internal policies? Many organizations are allowed to make their CSDs more restrictive than the state districts. Is this an option here?
 - i. David - It would have to go through their board and how they would address their own policies. Shasta County is looking to restrict water trucks on specific roads, which would have to go through their BOS.
 - ii. Adrien - This policy went through a policy - deliveries of more than 100 gallons for delivery, it was in the newspaper in the last few weeks. County A12 road which services one of the areas without its own water source.
 - d. Lisa Wright - Groundwater is not regulated by the state - if they are taking it from deep water wells, then there is not as much regulation as to how the water is being used and distributed.
 - i. Kate states that Lewiston is the only CSD that she knows of that uses groundwater wells, the majority of the rest are surface water. Lewiston also has an infiltration gallery as well.
 - e. Lisa Wright - if Trinity County declares a drought emergency - does that provoke the emergency water hauling allowance?
 - i. David - does not know. It should be
 - ii. <https://trinity.novusagenda.com/agendapublic/CoverSheet.aspx?ItemID=5146&MeetingID=231>
 - f. Adrien - What does that open for opportunities for the County?
 - i. He has heard that this will bring about use of bottles of waters for domestic use and drinking water from Jeffery England (Trinity County Food Bank).

1. Amelia confirmed this is being discussed at the County level, but we don't know how quickly this will happen.
- ii. We should look at what this means long term for Beaver Dam analogues and water storage and infiltration galleries.
 1. Amelia seconded this and mentioned that she brought this up with Ed Prestley on a recent call.
- iii. David mentioned that there is a framework would be good to work on the General Plan to help with this.
 1. Sandra stated that they will re-engaged with the County on this topic and the Critical Water Resource overlay inclusion in to the new General Plan.
 2. Cindy lives in one of these Critical Water Resource overlays, however she sees the continue production of cannabis and new wells into the area. So what does that mean for the regulation of water use or resource protection within these Critical Water Resource overlays?
 3. David - does not have the background to answer this. He asked Cindy what she would like to see out of this?
 4. Sandra - There are things that the County can do with the CWRs that are on the books, but they are not adhering to the tools that they have. They have not required dry weather testing, Sandra is not sure if the practice has changed. Sandra stated that she advocated for this when she was as part of the Natural Resources Department, but it was over turned by the Planning Commission or the BOS. There are more specific recommendations to make the protections more effective.
5. State Water Resources Control Board SAFER Program -
https://www.waterboards.ca.gov/water_issues/programs/grants_loans/sustainable_water_solutions/safer.html
 - a. Amelia noticed this new program which will provide safe and affordable water to communities throughout California, they are looking for advisory board members and if we can have representation from Trinity County on this board it could be beneficial.

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Monday August 9, 2021
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+16699009128,,87825009225#,,,,*408382# US (San Jose)

+13462487799,,87825009225#,,,,*408382# US (Houston)

Attendees included: Amelia Fleitz (TCRCD), Cindy Buxton and Josh Smith (WRTC), Kate Blanchard (CDFW), David Colbeck (Trinity County DOT), Lisa Wright (Flora), Sam Chilcote (Trinity County Fish and Game Commission), Amy Campbell (Nature Conservancy), Galen Anderson and Eric Wiseman (USFS), and Kyle DeJulio (Yurok Tribe).

1. Cindy - Browns Creek increased some of the flow due to the smoke- the pools are a little larger by there is still no connectivity.
 - a. Kate - anyone else has seen any changes?
 - b. Eric mentioned that he is dealing with things on the Monument fire and he doesn't know what the creeks were like before the fire. All creeks were under 22 - there was flow in manzanita creek. There is also fire in both sides of the creek and down to the creek - good fire thus far. He doesn't know what the mainstem water temperatures are, but they have gone down. It appears that the lowest water was in late June and July. He thinks we got through the worst of it for this year. Eric checked a lot of the tributaries for the hayfork creek and it looks good. Limestone creek to big creek was cold and has some flow and fish. Not a catastrophic situation like it was going to be in July.
2. BOS Update -
 - a. BOS will ratify the drought emergency making us eligible for funding from State Water Board for WRTC and RCD for drought relief.
 - b. A letter requesting a moratorium on removing Beaver Dams in the County was send to CDFW.
 - c. A letter was sent to BOR to prevent more water going to the SAC
3. Josh - how are communities doing on private domestic water systems? Has it continued?
 - a. Amelia mentioned she started to hear water issues in the North Lake area with some wells going dry - before she was hearing issues in the DC, Hayfork, and in the Southern Trinity Area.

- b. Eric mentioned that with the storm that started all these fires that some of the creeks have come up and started to stay up. Some streams are higher than they were before the storm, hopefully it recharged a bunch of little creeks - like soldier creek.
 - c. Cindy - mentioned the lower in browns creek there is not a lot of water, but what is going on higher up? Cindy said there is a trickle at the top and a landowner said it is bone dry in the Eagle Rd area.
 - d. <https://survey123.arcgis.com/share/92ac1fbd1fc846e79a71cd580cb65d5e>
 - e. <https://datavip2020.maps.arcgis.com/apps/dashboards/04f9665d3e294290a12812f9d1681bf4>
 - f. Josh mentioned that Hayfork Creek looks virtually dry at the confluence at Barker Creek and could be lower than 2014.
4. Amelia proposes to the group - with future funding what funding would we like to see in the future?
- a. Eric - resiliency projects in the municipal watersheds - beaver dam analogs - large scale projects in lower and upper browns creek. Projects that trap and store water on the landscape, benefit the water and the people.
 - b. Josh - Any new updates on the beaver dam stuff - any new ideas for BDAS for where the Beaver dam was.
 - c. Eric - has not been discuss on that - not sure where that sits at the moment. Eric hopes the beaver comes back in that spot. There are other areas that could benefit from this work - down near where Cindy lives - in the perched valley to hold more water. Look to engage the floodplain and it needs to be a landscape project.
 - d. Sam - no one has proposed putting in a BDA at that spot yet.
 - e. Josh - agrees the spread it and sink it is a good approach. They do have a grant to work in browns creek and are looking to have some community meetings in the next few weeks. This is planned for storage and forbearance projects. Hoping to have small focused community meetings to talk about neighborhoods to see how to solve this problem in the future. If you hear about people in browns creek in the future, they should let Cindy Buxton or Josh know.
 - f. Cindy - even though the community watershed management project - there are other options that just storage and forbearance to deal with the low amount of water as a community and could be beneficial in more watershed and deals with the anthropogenic impact of water where is Eric's project will help in the non-anthropogenic projects.
 - g. David - was the question posed for drought relief funding specifically?
 - h. Josh - mentioned one on Jordan Rd and upper Deerlick Springs that have the systems in place right now - if anyone ones to take it. And look at other ideas and have those conversations with folks. How to help find solutions in this group and the people in.
 - i. Kyle DeJulio - has talked with the CSD - would like to set minimum flow requirements and set the CSD requirements to the stream and solely operating on Trinity River water for 3-4 months of the year to have more water through the streams throughout the year and then to increase BDAs in the areas above town would be really good for the Weaver Basin and there is the availability of drought relief there as well with the off set of cost for the pumping and treatment of Trinity River water.
 - j. Cindy seconds - flows not making it to the Trinity and the Weaverville Basin is a strong hold of water for coho and steelhead. Also address decreasing water need rather than
 - k. Kyle - CSD - mentions that the High School Football field is a major user of water and it could reduce water use in Weaverville.

- l. David - waste water treatment plant on the docket for many years to reclaim grey water and then pump it to the mill maybe? Plans are already paid for and about \$2 Million for implementation - funding has been difficult to get, but potentially look for funding for that now. - 5Cs brought this up.
 - m. Cindy - 5Cs for solar panels at the treatment plant at Douglas City?
 - n. Kyle - through conversations with Tim - the power is not the limiting factor at Douglas City - could ask TPUD to donate the funding for the pumping - TPUD has more rights to power than they are able to distribute. Cost for water treatment would need to be offset to decrease the cost that would be passed on to the consumer.
 - o. Josh - would it require improvements to the treatment system?
 - p. Kyle - maintenance and chemicals - facility is capable just needs additional supplies and maintenance. After talking with Tim - after talking with Tim after years of lack of maintenance and deferred maintenance that the Trinity River site is not bringing enough water to reach its full capacity.
 - q. Kate - is there concern with the board to do this because of increase costs, they don't want to pass the cost onto the consumer and if there are ways to recoup the costs. If the water right is allocated to the stream, then there could be offset of funding to help allocate the funding. The division site will never be removed because the East Weaver Site is not capable of removing all the water take, so it would not fully replace just reduce.
- 5. Amelia - North Fork Dive Cancelled - New River to be cancelled due to the Forest Closure, and South Fork to be closing soon.
 - 6. David - Thank you! - technical advisory groups for the General Plan is at 10am on Monday. David will send an email to the whole group.

This meeting will be continued to be held Mondays at 10-10:30am via Zoom.

TRINITY RIVER WATERSHED COUNCIL

Mission Statement

To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting
Minutes
Monday August 16, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

One tap mobile

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Attendees included: Amelia Fleitz, Kelly Sheen, and Rebekah Wolfinbarger (TCRCD), Galen Anderson (USFS), Kate Blanchard (CDFW), Amy Campbell (The Nature Conservancy), David Colbeck (Trinity County DOT), Lisa Wright (Flora), Cindy Buxton (WRTC), Karla Avila (TCAA).

1. County updates? None
2. What is The Nature Conservancy doing regionally?
 - a. Amy stated that they are supporting the Watershed Research and Training Center in the South Fork Trinity River watershed around water security and sustainability, and in the Browns Creek Area. She is working with the State Water Network Forum which is supporting voluntary approaches to water conservation and watershed stewardship. She is working on Trout and Salmon Initiative to support trout policy action. TNC is also collecting data on the drought impacts at a state level. TNC is working on the Shasta and Scott restoration projects and including restoring natural flows.
 - b. Amy mentioned that local land managers can look at adding beneficial use for fish and wildlife or stripping local water rights to leave everything in the stream with 1707 permits. IT can be a harder process, but it does apply to users that want to receive value for forgoing the use of their water rights.
3. General Observations
 - a. Karla noted that from Hyampom there in general is more water than there was previously with the cooler days and the good relief under the fire situation. The power has been restored in Hyampom.
4. Amelia mentioned that there had been concerns in the community from cross contamination between clean and dirty water sources being used by helicopters for the wildfires and concerns from locals with the algal mats. David mentioned that is really at the control of the READs on the fires.
5. Cindy stated that they are cancelling the South Fork Snorkel Dives, the water has returned to Browns Creek, but there are still huge sections of dry creeks. There was thick ash last night and is interested in evaluating the potential change in pH in the pools in the future.

The South Fork Trinity River near Forest Glen is flowing well and only algae in the stagnant areas.

6. Amelia inquired if the boat dance flows would increase the toxicity due to the algal bloom, but the trigger is still unknown. There is potential that with the increase as downstream with the increase in flow. There is a water quality warning in effect, all should practice caution. The alga has been known to cause skin irritation and the boat dance flow is likely not to be enough to flush the algae completely out of the stagnant areas.
7. David added that the general plan update meetings were cancelled last week and that Lisa Lozier is the contact for those that would like to act on the advisory committee.

This meeting will be continued to be held biweekly on Mondays at 10-10:30am via Zoom.

TRINITY RIVER WATERSHED COUNCIL

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To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting
Minutes
Monday August 23, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

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Attendees included: Amelia Fleitz and Kelly Sheen(TCRCD), Kate Blanchard (CDFW), Sam Chilcote (Trinity County Fish and Game Commission), and Kyle DeJuilio (Yurok Tribe).

1. Kate - are the creeks still continuing to improve from the smoke cover?
 - a. Kelly - has heard that they are seeing continued rise in Democrat Gulch in the water levels in the surface water.
 - b. Amelia mentioned she could work on getting actual data to support this. She will be going out to Coffee Creek and Stuarts for later this week.
2. Kyle - desire to have a plan in place for each year to change the diversion place for the community. To get a collation of folks to look at developing this plan for financial concerns, result and end.
 - a. Amelia recommended bringing this to the Trinity River Watershed Council and working with a subgroup from the Council on finding funding for this proposal.
 - b. Kyle will reach out to Josh on this.
 - c. Kelly mentioned that Tim Kasper, that when he was discussing the water trucking, do we remember if the amount of water was being tracked?
 - i. Amelia thought the water district was tracking the amount of water, just not where it was going.
3. Kate - move these meeting to every two weeks - Amelia seconds.
 - a. Looking to host next week meeting and then move to every other week in September.
 - b. Amelia mentions we have lost some interest with the wildfires and potentially not being out as much to see all the water truck movement and also seeing some reprieve in the surface water flows coming up.

This meeting will be continued to be held Mondays at 10-10:30am via Zoom.

TRINITY RIVER WATERSHED COUNCIL

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To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting
Minutes
Monday August 30, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

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Attendees included: Amelia Fleitz and Kelly Sheen(TCRCD), Kate Blanchard (CDFW), David Colbeck (Trinity County DOT), Mike Dixon (TRRP), and Kyle DeJulio (Yurok Tribe).

1. House Keeping
 - a. No meeting the next two Mondays. Next Trinity River Watershed Council is September 14, 2021 at 10 AM
2. Amelia reported on flow in Stuarts Fork and Coffee Creek from this past week.
 - a. Amelia is going to collect the probes later this week and be able to process the data for more clarity later this fall.
3. Amelia noted that she was going to put the WCS Drought Plan on the Agenda for the TRWC Meeting.
 - a. Kyle suggested that it should be a season drought plan to implement every year.
4. Kelly inquired if TCRCD is monitoring the flow in East Weaver.
 - a. Mike mentioned that the only clear diversion is the WCSD Diversion and that on East Branch it is domestic seep wells.
 - b. Amelia mentioned that we are not monitoring flow but we are monitoring temperature on flow.
 - c. Citizens could provide complaints to CALTIPs or EPA if you live within the Weaver Creek Drainage for lack of sufficient water being passed down East Weaver.
 - d. Dam Removal Document is out for review on the CEQA Clearing House. This dam improvement will rectify fish and game code current violations.
5. Mike - flows in the Trinity River will come up at the end of the week for non-restoration purposes - 650 CFS peak later this week for the boat dance flows for the Hoopa Valley Tribe.
 - a. Will have more water in the Trinity Lake due to the smoke and lack of solar evaporation and we haven't had significant Klamath River flow augmentations this fall

yet. Thus the current projects suggest higher water storage in the lake for the September than was previously projected.

- b. Why is there less water being sent toiskeytown for the Sacramento? There is less go over for the Clear Creek Tunnels for the creek flow regulations.
- c. Lewiston into the Trinity has been colder than normal for this time of year, which is a benefit to the fisheries.

6. Mike Dixon - USFS RAC Proposal

- a. Fish and Wildlife Habitat and Drought Resolution Projects
- b. 5Cs is looking to do some fire mitigation tree removal.
- c. Amelia mentioned she will be submitting two proposals for beaver dam analogues in the WCF and the North Lake Trinity area.

This meeting will be continued to be held biweekly on Mondays at 10-10:30am via Zoom.

TRINITY RIVER WATERSHED COUNCIL

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To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting
Minutes
Monday September 27, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

One tap mobile

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Attendees included: Amelia Fleitz and Marla Walters (TCRCD), Nicole Eastman (Grizzly Corps), Kate Blanchard (CDFW), David Colbeck (Trinity County DOT), Danielle (Flora), Cindy Buxton and Josh Smith (WRTC), Sam Chilcote (Trinity County FGC), Deidre Brauer (Trinity River Consulting).

1. Local Observations of the Local Creeks
 - a. Cindy Buxton - the rain from the last rainfall brought water into the Creek - The Headwaters to Browns Creek must have received significant rain, from 0 to 1.3cfs. And found out that one of the main tributaries is starting to flow again - the natural conditions are shifting from summer stress into fall stability flows.
2. Follow up on the CSD regards to the fluctuation of flows on East Weaver?
 - a. 5Cs has been in contact with CSD in regard to the flows.
 - b. Kate stated that there was a fish kill about a month ago and fingers were pointed at the CSD and the diversion flow may have been changed. They are in the process of getting permits to put on a fish screen to start phase 1 of the dam removal process.
3. Kyle DeJulio is working to spearhead recommendations for drought relief for water supply to the
4. David - the General Plan Update is basically on hold, due to budgeting concerns with the Trinity county Cannabis Plan.
5. Survey -
 - a. Survey draft will be ready at the end of this week.
 - b. Amelia will still be looking for some funding.
6. Cindy - has not seen an increase in water trucks, could be a decrease. Water Trucks going towards fire or the smoke gave people relief in their personal wells. Seemed to have slowed down.
7. Kate Blanchard - These meetings are good to bring together people for observations or concerns and bringing people together.

- a. Amelia mentioned that we will likely moving with one more meeting and then moving into a subgroup if needed. 😊

This meeting will be continued to be held biweekly on Mondays at 10-10:30am via Zoom.

TRINITY RIVER WATERSHED COUNCIL

Mission Statement

To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting
Minutes
Wednesday October 13, 2021
Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

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Attendees included: Amelia Fleitz and Marla Walters (TCRCD); Nicole Eastman (GrizzlyCorps) David Colbeck (Trinity County Department of Transportation), Keith Greenwood (SPI), Deidre Brauer (Trinity River Consulting), Josh Smith and Tracy McFadin (WRTC).

1. We saw a little moisture and no wind last night. SPI working with the suppression repair teams and find they are doing a good job, SPI will do fine tuning later. Springs have been producing a little bit more. Watering holes are still coming up a little bit and but still need some improvement.
2. Legislation for RX burning was passed last week. Providing some good news for forest health managers throughout the area.
3. WaterSMART Drought Response Program - Closed 10/5 and 2021 Urban and Multibenefit Drought Relief Funding Review for the comments was (10/8) - waste water treatment plant improvements - plans exist just need implement - plans should be at 50-60% and there would be a plan to connect water to the Mill as well. Five Counties worked on the engineering.
 - a. No one applied for either of these projects.
 - b. Look to see if these cycles open up again.
4. Wildlife Conservation Board - 10/18/21 and Improving Habitat Quality in Big Game Migration Corridors and Habitat Connectivity (10/21/2021) and Landscape Scale Restoration Competitive Grant Program
 - a. Stream Flow Enhancement Program - 2021 Proposal Solicitation Notice (10/18) The Wildlife Conservation Board's 2021 [Proposal Solicitation Notice \(PSN\) \(PDF\)](#) for the [Stream Flow Enhancement Program](#) is now available. Under this Solicitation, approximately \$15 million is anticipated to be available for award through Proposition 1. The primary focus is on enhancing flow in streams that support anadromous fish; support special status, threatened, endangered, or at-risk species; and/or provide resilience to climate change. Concept Proposals must be received by 5:00 p.m.,

Pacific Daylight Time, on **October 18, 2021**. WCB will then invite select applicants to submit full proposals. Please see the Program page to access the Concept Proposal application form. For questions, contact the Stream Flow Enhancement Program at wcbstreamflow@wildlife.ca.gov

- b. **Improving Habitat Quality in Western Big Game Migration Corridors and Habitat Connectivity (10/21)** [The National Fish and Wildlife Foundation \(NFWF\): Improving Habitat Quality in Western Big Game Migration Corridors and Habitat Connectivity](#) supports projects that promote robust, sustainable populations of big game, will have positive effects on a wide diversity of other species, and provide for increased habitat connectivity and climate resiliency. The 2022 Improving Habitat Quality in Western Big Game Migration Corridors and Habitat Connectivity [RFP](#) has approximately \$2 million available for the effort. For this round, NFWF anticipates awarding six to ten grants. Grants can range from one to three years in length. A minimum 1:1 non-federal match is required as in-kind or cash contributions. Application deadline is **October 21, 2021**.
 - c. [The US Forest Service Landscape Scale Restoration Competitive Grant Program](#) funds collaborative, science-based landscape restoration projects on priority landscapes. The minimum funding request per project for all applicants is \$25,000 and the maximum is \$300,000. 1:1 match funding is required. Application deadline is **October 29, 2021**.
5. Watershed Center have a few proposals pending award the BOR WaterSmart Planning for the Upper Trinity Watershed and the California Department of Fish and Wildlife for the Barker Valley Roads area that have been impacted by the Cannabis industry.
 6. Water Trucks - less throughout the landscape? Yes. Only water trucks have been on fires and have been struggling to find water. Water trucks slowing down in visits to the Douglas City site.
 7. DWR Small Communities Drought Relief Program - open continuously.
 8. Amelia hopes to have Kyle join us next time to go over options for increasing take out of the Trinity River for the Weaverville CSD during dry summer months and decrease take on smaller streams such as West and East Weaver. Going over the fiscal implications of increasing the pumping of water up the hill rather than passive flow and the necessary capital improvements needed to reach 100% capacity at the Trinity River Diversion in Douglas City.

This meeting will be continued to be held Mondays at 10-10:30am via Zoom.

TRINITY RIVER WATERSHED COUNCIL

Mission Statement

To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting

Minutes

Monday October 25, 2021

Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

One tap mobile

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Attendees included: Nicole Eastman (Grizzly Corps), Kelly Sheen, Marla Walters, and Amelia Fleitz (TCRCD), Kate Blanchard (CDFW), Cindy Buxton (WRTC), David Colbeck (TC DOT) and Kent Bloomer (USFS).

1. Local Observations

- a. Amelia - Garden Gulch actually flowing - still in the channel a creamy coffee color.
 - i. Coffee Creek dark black at this point in time and some sedimentation on the bridge to goldfield campground that has blocked the bridge.
- b. Cindy - browns creek flowing very well - brown from tannins - a brief chocolatey color that could have been sediment.
 - i. South Fork Trinity River last Friday (early side of the storms) silty greyish brown with storm water run off
 - ii. Hayfork Creek was chocolatey (black chocolatey) through the monument complex, but just up from it was a tannin tea color (through town).
 1. Do you know if it was coming in from Barker or Big Creek?
 - a. Just up from Rusch Creek where the fire boundary is, there was a definite change in stream color
 2. A lot of tannin/stream color build up in the pools throughout the summer.
 3. Weaver Creek at the confluence with the Trinity River was really chocolatey.
- c. Kelly - Friday Morning - west weaver creek was higher and crystal clear. Sydney gulch had some sediment loading this weekend.
 - i. David - where was the sedimentation?
 1. Potentially from the confluence with Garden Gulch.
- d. David - Big debris flow on Thursday Night to Friday AM - 3.7 to 4.5 mm on Coffee Creek for a unnamed tributary - Old Devil's Elbow area - knocked out a private bridge. There was a debris flow County Disaster proclamation - roughly \$2-3 Million in damage from that one flow - assessment for the initial and potential future damage due to the

build-up. Smaller rail car type bridge. Amelia mentioned that earlier this week there was a rail car (able car submerged in the creek too).

- i. The debris slide is acting like a dam with a large tree anchoring the stream, working on addressing the instream issue - to get it cleaned out.
 1. Kate and David will talk after the call.
 - ii. Quite a bit of decomposed granite coming in - 6 Mile Marker at the trout pond - able to get those that were trapped higher up.
 - iii. Equipment is staged and will continue to clear up the road.
 - iv. Emergency Proclamation for the feds for the River Complex can bring funding.
 - v. Residences up to the top of the road still need stage 1 clean-up will need the road open.
 - vi. Monument Fire
 1. Still waiting on updates - working on triage to keep roads open in the Hayfork area, equipment is staged in the Hyampom area.
 - vii. Van Duzen and Zenia Roads from the August Complex
 1. Roads being cleaned up and scraped
 2. Some of the federal restoration project was not prepared for the store, and the County is determining what needs to happen to keep the public safe.
 - viii. Will the Trinity County DOT Twitter be used in the future?
 1. Happy to hear that people are looking at it.
 - ix. Has there been any discussion of providing water to the residents lower in Coffee Creek drainage because of the hazmat clean up?
 1. David is not aware yet of efforts to provide water to the residents. It is Health and Human Services Questions.
 - e. Kent Bloomer - USGS Debris Flow data available to estimate the risk for debris flow in the fire footprints. Has the shapefiles and the layerfiles and web services. Kent produced a map for monument.
 - i. <https://landslides.usgs.gov/static/landslides-realtime/fires/>
 - ii. Maps produced from BAER - the same data. The type 3 wanted an Avenza Map and put on the most current ops Map to go out and assess the map.
 - iii. BAER - Amelia stated that Erik R is working on the team and that they were pulled over the McCash Fire and that the final reports for the River Complex and McCash have not been completed yet.
 - iv. Link to the shapefiles: https://landslides.usgs.gov/static/landslides-realtime/fires/20210730_monument/Shapefiles.zip
 - v. Monument Fire: https://landslides.usgs.gov/hazards/postfire_debrisflow/detail.php?objectid=389
2. Grants: Anyone working on any relief for the small communities or the multiuse proposals?
 - a. WRTC - has not put one together
 - b. TRCD - Amelia has downloaded the guidance materials and is working on the base of a proposal.
 - c. Kate - has there been more interest in the tank program on Browns Creek?
 - i. Cindy not yet - they haven't done much outreach yet. Hoping that with the water back in the creek that people don't forget that drought will be more prevalent moving forward.
 3. Biweekly seems to be working - we will see you all in two weeks!

This meeting will be continued to be held biweekly on Mondays at 10-10:30am via Zoom. Next meeting will be November 8, 2021.

TRINITY RIVER WATERSHED COUNCIL

Mission Statement

To protect, enhance, restore and revitalize the watershed through collaborative efforts that leverage external resources, work toward common goals, educate and engage community stakeholders, address natural resource issues, and support healthy ecosystems for future generations.

Trinity County Water Security and Conservation Meeting

Minutes

Monday November 8, 2021

Zoom, 10 AM - 10:30 AM

Join Zoom Meeting

<https://us02web.zoom.us/j/87825009225?pwd=cjRUMkZ4d1dBMXF6b2dLV3JVOE1qUT09>

Meeting ID: 878 2500 9225

Passcode: 408382

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Attendees included: Nicole Eastman (Grizzly Corps), Kelly Sheen, Marla Walters, and Amelia Fleitz (TCRCD), Kate Blanchard (CDFW), Cindy Buxton (WRTC), Mike Dixon (TRRP), David Colbeck (TC DOT) and Leslie Mounivong (5C's).

1. General Observations:

- a. Appreciative of all the rain we have had. High flows have curbed picking up some of our probes this year. Still deficient in the aquifer, let's keep the water running. Can't see the fish quite yet due to flows with turbidity and the cloudy skies. Creeks soaking with tannins at the moment.

2. Grant Opportunities:

- a. TCRCD - DOC - Prop 68 - Riparian Corridors with the Travis Ranch
 - i. Small Community Drought Relief Program
 1. Originally pursued Tim Kasper for improvements to the Trinity River diversion to improve the infrastructure at that site.
 2. Amelia will firm up with Kyle about presenting at the Trinity River Watershed Council Meeting in December.
 3. Trinity County Fish and Game Commission meeting is this Wednesday from 7-9pm at the Library for anyone interested.
- b. WRTC - still working at what they can do at the community drought relief? This seems to be centered more around CSDs and not good for community impact.
- c. RAC Proposals
 - i. 29 proposals \$1.85 asked for, but there is \$1.25 allocated.
 - ii. TCRCD had 12 proposals - Amelia identified that she applied for West Weaver at the moment.
 - iii. WRTC had at least 5 from various departments.
 - iv. DOT put in one proposal for road improvement.
 - v. David asked about how the RAC will move forward. Amelia mentioned that the RAC is meeting today to work on scoring criteria and put a schedule for

presentations for next week. Proponents will be invited to the November 15th, 2021 meeting to discuss their projects, a schedule will be sent to the proponents.

3. Survey - Amelia stated it is drafted in house and still in review. Hope to have it to the
4. County - David mentioned that the County has the capacity to apply with drought, the County recently interviewed and offer the position for a Compliance position. He is hoping to add the
5. Drought - Mike Dixon
 - a. 90% Forecast - critically dry year - peak in the spring at 749 thousand acre feet (about 27% capacity) and be in the upper 100s in September (13-14% capacity)
 - b. Normal year (in a 50% exceedance year - meaning that 50% of the years would be wetter) - around 1087 thousand acre feet (just under half). in the spring peak and the back to about where we are right now 622 thousand acre feet in September.
6. Water Quality - Kelly Sheen
 - a. Post Fire Runoff - When we have fires that would prohibit swimming in the creeks due to a toxicity?
 - i. Cindy - in a good water year with standard fire, the first flush should push most of it out. But if you are looking near where fire retardant was used then there is an increase of phosphorus and nitrogen which are increasing the algae that could cause problems. Urban runoff is a whole different can of worms, and would be looking at hazmat and you would not want to swim in that.
 - ii. David - Stage 1 clean-up is HazMAT and then address the houses. Stage 1 is in the works now for the River Complex and is late due to state identification of emergency for that fire. But there are concerns about culverts that had liners or have been burned they are working to expedite the response.
 - iii. Kelly - Specific lakes that people hike to and swim in that next some they would be relatively safe?
 1. Cindy - lakes are different like a bathtub; with it being high alpine they will likely be okay if fire retardant was not used. Use your best judgement and look at the coloration and cloudiness of the water before you drink it.

This meeting will be continued to be held biweekly on Mondays at 10-10:30am via Zoom. Next meeting will be November 22, 2021.