



Trinity River Restoration Program

P.O. Box 1300, 1313 South Main Street, Weaverville, California 96093

Telephone: 530-623-1800, Fax: 530-623-5944

NC-152

MEMORANDUM

To: Trinity Management Council

From: Mike Dixon, Executive Director
Trinity River Restoration Program

Subject: Director's Report

Date: March 14, 2025

Major TRRP activities between December 2024 and March 2025 include:

Work has kicked off again at the Upper Conner Creek channel rehabilitation project. Gravel processing is ongoing at the Sawmill site. The winter components of our environmental flows management were implemented, though the baseflows were largely swamped by reservoir storage management releases.

Organizational Updates

- No program office staff accepted the deferred resignation offer or were terminated during their probationary periods. It should also be noted that other program partners *did* lose staff, and that this is a difficult time for many across the program.
- We welcomed Samantha Maier into our secretary position in January. She is a resident of Weaverville and most recently filled a similar role with a local consulting firm.
- A selection and offer were made for the TRRP Data Steward but we were unable to onboard the individual prior to the implementation of a hiring freeze by the new administration and the offer had to be rescinded. The position will likely remain vacant for the foreseeable future.
- The second TRRP physical scientist vacancy was slated to be advertised as a career-ladder hydrologist, but was also caught up in the hiring freeze and will remain vacant.
- Simone Groves, riparian ecologist with the Hoopa Valley Tribe, has joined our team at the Weaverville Office.

Program Office Lease

I was informed on the evening of February 25 that our lease, which was in an extension pending renewal, had been unilaterally terminated by GSA effective August 31, 2025. Reclamation's California-Great Basin Region Principal Deputy Regional Director Adam Nickels contested the termination and provided justification for seeking a new lease, but we have not received a response yet from GSA. In parallel, we are investigating the feasibility of placing modular office trailer space on Reclamation-owned lands in TMC Executive Director's Report March 14, 2025

Lewiston. If neither that nor a new lease materialize, our staff will likely be distributed individually to other government spaces in Weaverville, Lewiston, Keswick, and Shasta Lake. Long-term, we are looking to add office space for TRRP staff at the new hatchery management building when it is constructed.

It should be noted that the TRRP office is not the only lease that has been terminated across our partnership. NMFS and USFWS are in a similar position right now.

Budget Updates/Adjustments:

A continuing resolution for the remainder of FY25 is expected to be signed to fund the remainder of the year.

In February and March, we responded to multiple data calls about existing contracts, grants, and agreements. Upon higher level review, our notetaking contract with Chloeta Fire was cancelled at the convenience of the government. The negotiated termination settlement was approximately \$32k, which is a little over one year's worth of services under that contract.

All contracts and agreements over \$50k including funding modifications to existing agreements now need to go through review at the Department of Government Efficiency (DOGE). Initial CY25 AFAs and funding mods for all of our interagency and cooperative agreements that were slated for FY25 funds are pending DOGE review; the criteria and timeline associated with that review are not clear.

Implementation Updates

Sky Ranch Channel Rehabilitation Site: The design for this site remains at the 60% stage. This site remains TRRP's priority for implementation; however, moving forward with NEPA and finalization of the design requires the finalization of the land transfer to BLM, which continues to see delays. It is a potential site for FY 2026 if the land transfer is completed in time to initiate NEPA.

Evans Bar Channel Rehabilitation Site: Designers (YT and CA) met with owners of land near the project on February 7 to discuss design concepts. They intend to have a 30% design in time for a VE study in summer 2025.

Sawmill Gravel Processing Site: TRRP received a final design on February 6. The Yurok Tribe plans to construct the river-right portion (addressing the side-channel breach) in 2025, and begin floodplain excavation on the river-left portion, and then complete the river-left portion in 2026. Clearing of vegetation is scheduled for the week of March 17, after which work will pause until funding and a USACE permit is secured.

Upper Conner Creek Channel Rehabilitation Site: YT and HVT began excavation of the R-2 feature in February. Work on that feature is scheduled to be completed by the week of March 17, after which work will be paused until Trinity River flows recede later this summer. The civil portion of the entire project is on-track to be completed this year, although funding for revegetation is still in AFA review.

EA Development

- Watershed Restoration EA
 - In partner review, and also needed to be updated to be in compliance with recent NEPA guidance. Estimated public review release is March 21, 2025, but hopefully earlier.

Other Ongoing Implementation Branch Work

- Remaining sites prioritization and scoping
 - The Design Team WG continues to prepare draft Existing Conditions Preliminary Scoping for Remaining Channel Rehabilitation Site documents. To date, draft documents for Upper/Lower Rush Creek and the Hatchery reach have been submitted by the Yurok Tribe to the Program office for review
- Potential opportunity to complete Reading Creek site
- Active watershed restoration projects
 - Weaver creek
 - East Branch Weaver Creek culvert removal
 - Remaining work following East Weaver Creek dam removal
 - Salt Creek
 - Upper Hayfork Creek WA

Public Outreach Update



Photo compilation of aerial imagery showing pre (right) and interim (left) civil construction at the Upper Conner Creek Phase II Restoration site. [Right: Ken DeCamp, 2019. Left: Elliot Sarnacki R2 restoration area, Feb. 28 2025]

Publications and Education Materials:

River Riffle – [January](#), [February](#), March

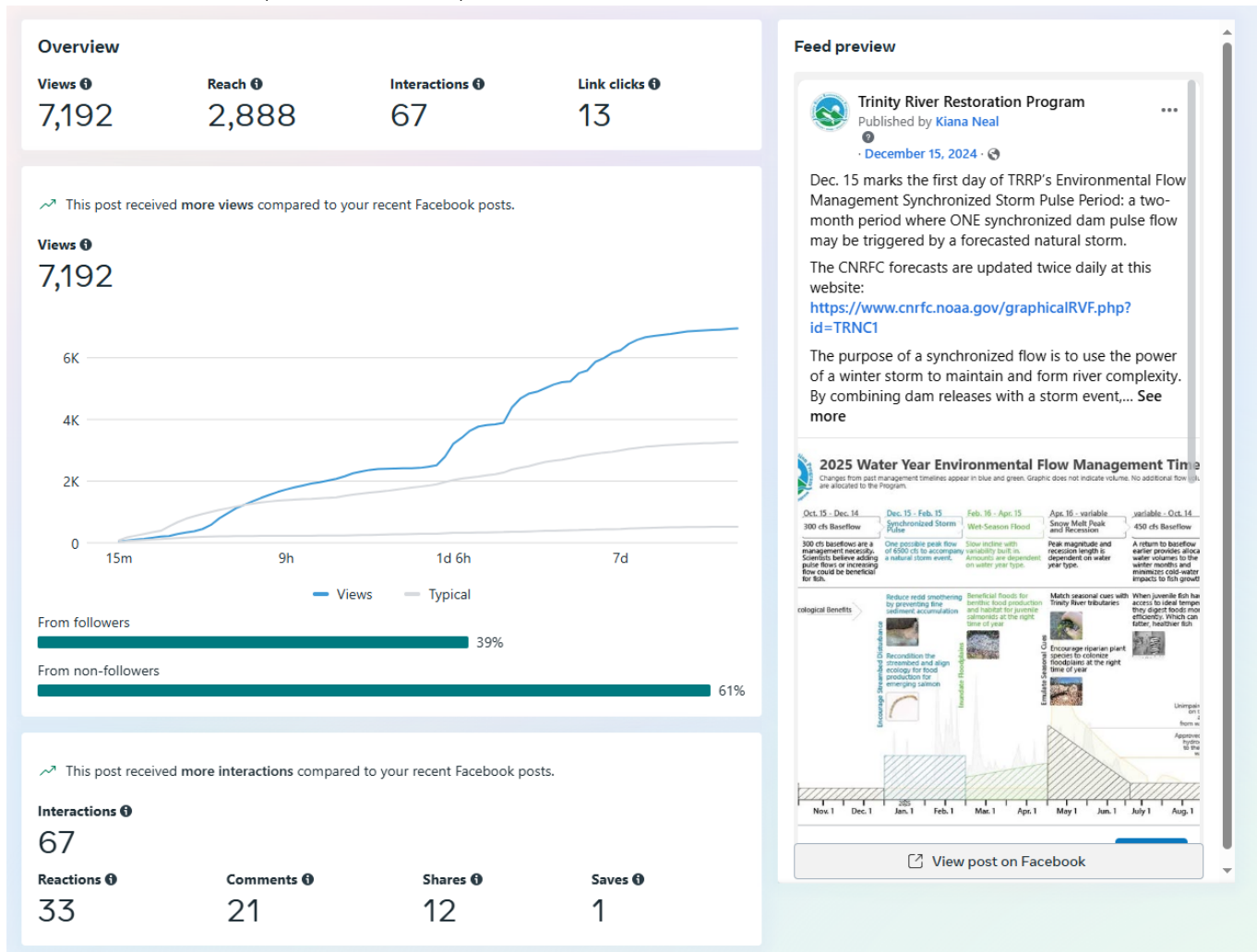
- **Current Conditions:** Flow, Water Year Projections, Monitoring, CDFW Steelhead Report Card
- **Program Updates:** [Implementation](#) & [Science Branch](#) Updates, [Trinity River Watershed EA](#), Upper Conner Creek
- **Articles:** [The Language of Sediment](#), Trinity River Restoration Program ED Report - 2024
- **Spotlights:** [Bug of the month: Baetid mayflies](#), [Bug of the month: Chironomids](#) & Bug of the month: MARCH, Chris Laskodi.

TMC Executive Director's Report March 14, 2025

- **Upcoming Events**

The [TRRP Facebook Page](#) is up 52 followers since the last report. We are currently at 1146 followers. Top post in the last 90 days was regarding the Synchronized Storm Pulse Period notification period on Dec. 15.

- Views: 7192 | Reach: 2888 | Interactions: 67
- Reactions: 33 | Comments: 21 | Shares: 12



Public Events and Environmental Education



Photo Credit: Trinity Journal

Jan 22: Science on Tap (95 ppl)

Mike Belchik, Yurok Tribe, "*Klamath Dam Removal*"

February 15-17: Birding Days (52 ppl/2 days)

Ewing Reservoir in Hayfork and the Trinity River Hatchery in Lewiston. Recorded 40 unique bird species! Big thanks to the Trinity Journal for capturing amazing photos of the day.



March 1: Open House & Marti Gras Parade de Salmon (105ppl)

Trinity River Photo Contest, ran from 2-7pm, salmon art, Parade de Salmon, plus informational booths from CDFW/Golden Mussels, TRRP Environmental Compliance, AR2023, restoration projects for 2025, Yurok Construction Corp, and a Macroinvertebrate table.

February 26: Science on Tap (55 ppl)

Todd Buxton, TRRP, "*Fine Sediments in the Trinity River*"

Landowner and Stakeholder Notifications

Synchronized Flow Notifications

- Forest Service clamshell boards deployed at key locations [Post Offices & Grocers] in Trinity County
- River Access flyers
- Riverfront landowner mailing
- Social media, email, newsletter notifications
- Trinity County text alert system

Communications continued with Junction City neighborhood and stakeholders of the Upper Conner Creek Restoration Site.

- Jan - Civil Construction resumed at Jan 23 UCC
- March - launch access temporarily closed at UCC beg. March 10

Evans Bar virtual landowner meeting with State and Yurok design team

TMC Executive Director's Report March 14, 2025

Notification mailer to the Lewiston neighborhood regarding vegetation removal at the Sawmill site

Upcoming

March 26: Science on Tap – Zac Reinstein Yurok Tribe, “*Remote Stream Incubators on Trinity River Tributaries*”

March 29: Invasive Scotch/Spanish Broom Noxious Weed Pull

April 1 & 3: Hoopa Elementary School Open House

April 8: STEAM Expo in Weaverville

April 10: North Coast Regional Quality Control Board Public Workshop

April 12: Seed & Plant Exchange (Willow Creek and Weaverville)

April 15 – May 15: Wildflower Scavenger Hunt

April 22: Earth Day at the Burnt Ranch School

April 23: Science on Tap - Chad Martel, Hoopa Valley Tribal Fisheries, “*Juvenile Salmonids Outmigration Study*”

Trinity River Survey 2025 Results



Science Update

- Limiting Factors Analysis (LFA).** Phase 2 (implementing the study plan) contract spans Aug. 2024 – Aug. 2026 with Cramer Fish Sciences (CFS). CFS has begun development of code to run the model and has issued a data request memo to the IDT. The IDT met with CFS on March 5 to

TMC Executive Director's Report March 14, 2025

drill into details on data requests and to review preliminary model development. A variety of TRRP partners will need to provide organized, quality-controlled data in the near future to begin model parameterization.

- **FY26 Science Priorities.** In conjunction with technical workgroups, the IDT prepared research briefs on 3 topics and issued an RFP in January. Proposals were received for two of these topics (a food module for S3 and an assessment of biological response to thermal diversity using northwestern pond turtle). Investigators presented these proposals at the IDT meeting on March 5th. Proposal review now goes to the workgroups and the SAB.
- **Objectives, Targets, Monitoring and DSS.** No revisions to objectives and targets have been completed this quarter, although some revisions to fish and aquatic ecology topics are still in process. Workgroups have been actively conducting reviews of monitoring and DSS topics, although only a few have been completed.
- **Environmental Flow Evaluation.** This is a new topic, although it has been mentioned on TMC monthly calls starting in January. Following AEAM concepts, the IDT is developing a study plan for an Environmental Flow Evaluation (aka winter flow evaluation). The IDT met first with the Flow Workgroup on January 29th to initiate discussion, which has been furthered among some technical workgroups plus the IDT meeting on March 5th. A rough outline has been developed, although it is recognized that it currently spans more topics than the Program can effectively address. The IDT is planning for a meeting later this month to develop a prioritization and to assign further work to the various technical workgroups, which will likely begin with finalizing high priority hypotheses.

In Review or Final Edits

- Gough, S. A., R. B. Smit, K. Lindke, K. De Juilio, C. Laskodi, G. Kautsky, and B. Matilton. 2024. **Assessment of adult salmonid spawning in the Trinity River.** Arcata Fisheries Technical Report TR 2024-71. [pending 508 compliance]
- Lindke, K. T., **Video monitoring of fish passage at Willow Creek weir: feasibility of validating mark-recapture run size estimates.** [Final edits]
- Bridegum, J., D. Goodman, T. Daley, R. Smit, J. Boyce, O. Black, J. Alvarez, and K. De Juilio. **The Effects of Restoration Actions on Juvenile Salmonid Rearing Habitat in the Trinity River Restoration Reach at an Index Streamflow, 2009 to 2017.** [Final edits]
- Buxton, T. H., B. Abban, C. Shea. **HEC-RAS hydraulic and water temperature models for predicting thermal conditions at 1 unobserved discharges in summer on the restoration reach of the Trinity River, California.** [Peer Review]

Final Publications and Reports

- Buxton, T. H. (2025). [Trinity River water allocation, temperatures, and model results for implemented flows and the approved hydrograph for water year 2024.](#) Trinity River Restoration Program, Weaverville, California.

Remaining Synthesis Reports:

- Cohort Reconstruction – last substantive adjustments to the new model are being completed.
- Large Wood Management – draft nearing completion, engaged group between McBain Associates (ARS) and the Riparian Aquatic Ecology Workgroup
- Flow Synthesis – draft in process
- Channel Complexity – draft in process

Post-Implementation Reports

- Oregon Gulch PIR delivered. These reports are not typically posted on the website.

Final Data Packages

- Yurok Tribal Fisheries Program (YTFP). 2024. [2024 Trinity River Focal Reach 4-band Orthophotography. Data Package for the Trinity River Restoration Program \(TRRP\)](#). Arcata, California.

Appendix I: Technical Workgroup Briefings March 2025

Updates have been prepared for the Trinity Management Council by the Trinity River Restoration Program Technical Workgroup (WG) Coordinators.

Workgroup: Fish

Coordinator: Chris Laskodi

The fish workgroup met on February 18th, which was the only meeting this quarter. We received updates from reviewers on the core monitoring and modelling updates. To date, the workgroup has completed 3 of the 12 reviews requested by the IDT. Workgroup members have been tasked with putting these at a higher priority during the next quarter to have them totally completed by the fall. We received updates on the FY26 solicitation and the upcoming proposals that the workgroup will need to review. We revisited the Objectives and Targets using the action tracker that was developed previously. No new additions were noted, and we will revisit it again next year. Finally, we discussed the winter flow monitoring and hypothesis development and to start thinking of possible hypotheses that may be directed to be developed by the IDT.

Workgroup: Design

Coordinator: Oliver Rogers

The Design Team met on February 7th for a landowner meeting and received a presentation from the State of California-Yurok Tribe Design Team. The meeting covered design concepts and outlined the proposed actions to restore river form and function for the upstream portion of the Evans Bar Project. A 30% design is planned for a value study in summer 2025 prior to the mid-August Design Team meeting.

The Sawmill Gravel Processing Site Rehabilitation 90% Project Report was distributed for review/comments by the Design Team and the finalized version was received by the Program office on February 6th.

The Design Team WG continues to prepare draft Existing Conditions Preliminary Scoping for Remaining Channel Rehabilitation Site documents. To date, draft documents for Upper/Lower Rush Creek and the Hatchery reach have been submitted by the Yurok Tribe to the Program office for review.

A TRRP Design Team Annual Workplan has been developed and distributed to the Design Team for review and solicitation of leadership roles for the primary monitoring/modeling review tasks.

Workgroup: Flow

Coordinator: Patrick Flynn

The Flow WG (FWG) met a total of four times for spring flow planning during Quarter 2, and was successful in reaching consensus for a spring flow recommendation. The recommendation was presented to IDT on 3/5/25, where it was forwarded by consensus to the TMC. The FWG also considered the best approach to implementing winter elevated baseflows in WY2025 given safety of dams (SOD) releases. The FWG is working a review to the streamgages used by the program as part of the larger monitoring and modeling review ongoing throughout all TRRP workgroups, as directed by the Science Plan. The FWG participated in a joint meeting with the IDT to begin the process of drafting an Environmental Flow Evaluation Plan.

Workgroup: Watershed

Coordinator: Justin Alvarez

No meetings. May need discussion of funding at future TMC.

Workgroup: Physical

Coordinator: Smokey Pittman

The PWG met on December 11, 2024 and February 25, 2025 to discuss: 2025 gravel augmentation, began developing a more robust, systematic procedure for developing annual gravel augmentation recommendations, progress toward Core Monitoring Reviews and updates from ongoing Objectives and Targets evaluations. Products generated include: an updated annual workplan, 2025 gravel augmentation recommendations (focus is on three new sites identified in the 2024 Sediment and Large Wood EA), two of seven Core Monitoring reviews were completed (Bar Area and dtDEM), and two Core Monitoring reviews are nearly complete (Hydrophones and Stream Gaging). The Bar Area Objectives and Targets subgroup decided to suspend further work on this topic for the foreseeable future. The stream gaging subgroup proposed adding turbidity to three mainstem gaging sites to address: wildfire impacts, winter variable flow release monitoring (e.g. impacts to # of fishable days), monitoring tributary sediment delivery and fine sediment impacts to spawning, providing baseline and implementation monitoring for fine sediment augmentation. PWG Annual Workplan update for next quarter: complete the remaining five Core Monitoring reviews prior to June 2025, for the two Objectives and targets subgroups - make progress toward refining targets, review or provide fine sediment augmentation recommendations and review monitoring plan being developed by TRRP's Science Branch, provide review of TRRP's gravel augmentation implementation plans, and potentially provide additional review of FY26 revised proposals.

Workgroup: Riparian and Aquatic Ecology

Coordinator: Brad Nissen

The Riparian and Aquatic Ecology Workgroup (RAEWG) met on Feb. 3, 2025. At the meeting the group worked to:

- Finalize a memo on a newly proposed temperature target for turtles,
- Form a sub-committee to collaboratively work on the Wood Management Plan,
- Discuss proposal ideas for FY26 Uncertainty: Turtle temps,
- Gauge interest in a field trip to BOR acquired parcels to brainstorm restoration activities,
- Make plans to act on priorities identified for FY25 in the Action Tracker,

- Raise awareness on the monitoring of the Environmental (winter) flow study.

The workgroup approved the finalized the temperature target for submission to the IDT, pending approval at the March 5th meeting. The target reads as follows: “Increase thermal diversity to provide warmer waters, specifically areas with mean daily maximum temperatures at least 4°C above thalweg mean daily maximum temperatures during June and July, through enhancement of aquatic habitats and structural features used by various age classes of northwestern pond turtles.”

Additionally, the RAEWG is working on moving along the Wood Management Plan and Synthesis Report with new dedication on this effort by the new Riparian Ecologist, Simone Groves (HVT). A small sub-committee is forming with coordination from Jackie Bridegum (USFWS) and Patrick Flynn (Trinity County) to advance this effort including collaboration with USFWS, Trinity County, and Applied River Sciences. The group will provide a statement to the IDT explaining current status of implementation.

A field trip to visit BOR-owned parcels is proposed for June, scheduling efforts are currently underway, and additional planning will occur at the next meeting.

A priority identified in the workgroup Action Tracker for FY25, evaluating berm conditions (using GIS analysis), will be pursued this year with efforts lead by Simone Groves in consultation with John Bair.

Workgroup: Interdisciplinary Team

Coordinator: Ty Wallin / Eric Peterson

The IDT met twice, on January 29 and March 5. The January meeting was a short meeting in conjunction with the Flow Workgroup to initiate conversations about an AEAM Environmental Flow Evaluation (EFE). This fruitful conversation led to the initial rough-drafting of a study plan outline. The March meeting covered numerous ongoing topics, including 2 hours on the Limiting Factors Analysis with staff from Cramer Fish Sciences, review of the Flow Workgroup recommendation for a WY25 spring hydrograph, assignment of reviews for the FY26 Science Proposals, and identifying next steps for the EFE. The group will likely meet once more in March, with a focus on the EFE, then again June 4th to finalize FY26 Proposals and prepare for the June TMC meeting. There may be additional short meetings needed for the EFE or the Science Proposals, but we hope to address most issues by email.

Appendix II: Report and Data Tracker

This indicates the most recent reports data received for active long-term projects, or their ETA for short-term projects. When submitting final reports and data, please include the Science Coordinator or Implementation Branch Chief, with cc to the Data Steward. See [TRRP 2012](#) for details, with particular note to Appendix C.

Long-Term Monitoring

Topic	Frequency	Last Report For	Last Data For
Streamgaging (discharge, temperature at gages)	Continual	Not applicable	Realtime online
Reservoir Ops	Annual	Not applicable	WY2015 online WY2022 @TRRP
Flow Report	Annual	WY2024	[see above]
Aerial Photography (64 km)	Annual	WY2024	WY2024
Topography (64 km)	~5 year	WY2022	WY2022
Hydrology (64 km SRH2D) and Juvenile Capacity	~5 year, new in process	WY2016	WY2016 WY2022 @TRRP
Height Above River and Wetted Areas	~5 year, new in process	WY2016 @TRRP	WY2016 @TRRP
Grain Size Facies	~5 year, new in process	Not applicable	WY2014
Active Bar Monitoring (5yr)	~5 year	WY2023	WY2023
Riparian Vegetation	~5 year, new in process	WY2019	WY2019
Aerial Photography (as-built)	~Annual	2024 OG	2024 OG
Topography (as-built)	~Annual	2024 OG	2024 OG
Post Implementation Report	~Annual	Oregon Gulch	-
LWD Surveys	Annual		WY2016
Temperature Monitoring (USFWS)	Annual	WY2014 (?)	WY2009 @TRRP
Sediment Transport (Hydrophones)	Annual	WY2017	
Sediment Transport (bedload)	Not active	WY2019	WY2019
Outmigrant (Willow Ck) – separate report not required	Annual	-	-
Outmigrant (Pear Tree) – separate report not required	Annual	WY2023	-
Outmigrant (Population)	Annual	WY2018	WY2009 @TRRP
Redd/Carcass Distribution	Annual	WY2019	WY2020
Chinook Run Size Estimate	Annual	Run 2022	-
Fall Run Scale Age	Annual	? PFMC?	? PFMC?
YT Harvest (Lower Klamath)	Annual	2022	2022
HVT Harvest (Lower Trinity)	Annual	2023	2013
Lower Klamath Creel Survey	Annual	2020	-
Sport Harvest / Trinity Creel	Annual	2004	2013

Short-Term Projects

Items will be retained for at least one TMC meeting after completion.

Initiated	Topic	ETA Report	ETA Data/Model
FY18	Synth: Cohort Reconstruction	2025 (Spring?)	2025 (Winter?)
FY18	Synth: Adult Salmonid Spawning	Pending 508	<i>overdue</i>
FY18	Synth: Channel Complexity	<i>overdue</i>	<i>overdue</i>
FY18	Synth: Large Wood Management	Late 2025?	<i>overdue</i>
FY18	Video Weir	In peer review	
FY19	Synth: Flows	<i>overdue</i>	<i>overdue</i>
2020	Periphyton (single-year)	Posted: 2022	
2020	Periphyton (multi-year)	2025	2025
	Pool Stratification (analysis 2 pools)	Posted: 2022	tbd
	Pool Stratification (model)	Posted: 2022	-
	Pool Stratification (numerous pools, 3d flows and HECRAS 1d temp)	2025?	tbd
	Hyporheic Flow	2025?	2025?
	Lewiston Reservoir Temperatures	2026?	2026?
	Updated RBM10 (merging Trinity with Klamath)	Trinity: _	tbd
FY24	Limiting Factors Analysis	2026 (August)	2026 (August)
FY25	Inundation/Scour Model	2025 (Spring)	2025 (Winter)
FY25	BMI sampling	2026 (Dec)	tbd
FY25	Riparian Response	2026 (June)	2026 (June)

Annual Costs Summary by TRRP Program Activity	2023	2024 Working	2025 Proposed
Program Administration	\$ 3,676,752.34	\$ 2,470,817.75	\$ 3,079,714.82
Rehabilitation Implementation	\$ 5,107,455.23	\$ 9,522,208.24	\$ 6,198,130.31
Science Program- <i>includes FWS tribal funds transferred to TRRP/USBR</i>	\$ 4,864,326.24	\$ 4,624,535.00	\$ 4,708,072.82
TOTAL <i>(doesn't include FWS salary/ops funds retained at FWS)</i>	\$ 13,648,533.81	\$ 16,617,560.99	\$ 13,985,917.95

TMC TRRP Annual Funding <i>(doesn't include FWS salaries/operations funds retained at FWS)</i> :	2023	2024 Working	2025 Proposed
USBR (Water & Related A30 funds) <i>Any recovered funds are included here</i>	\$ 11,207,000.00	\$ 11,295,883.49	\$ 12,265,000.00
USBR (CVPIA H37 funds)	\$ 1,500,000.00	\$ 3,475,000.00	\$ 1,500,000.00
USBR (IIJA ecosystem restoration)	\$ 454,000.00	\$ 1,768,150.00	\$ -
FWS* - annual transfer to TRRP/USBR for specific tribal projects	\$ 505,119.00	\$ 525,000.00	\$ 350,000.00
TOTAL	\$ 13,666,119.00	\$ 17,064,033.49	\$ 14,115,000.00

***FWS** annual funds transferred to TRRP/USBR for Tribal monitoring/survey projects.

PROGRAM ADMINISTRATION		2023 Approved	2024 Approved	2025 Proposed
TRRP Administration Personnel				
TRRP Program Office Personnel ED, Secretary, Public Affairs, Grants and Agreements Specialist		\$ 581,399.00	\$ 610,469.00	\$ 745,163.25
	Subtotal	\$ 581,399.00	\$ 610,469.00	\$ 745,163.25
TRRP Administration				
TRRP Program Office Operations (TRRP office rent, vehicles, utilities, supplies, RO contracting, NCAO)		\$ 317,232.00	\$ 333,094.00	\$ 259,404.01
TMC Notetaker - TRRP contract		\$ 18,307.20	\$ 23,558.52	\$ 32,863.85
Public Education and Outreach/Website - TCRCO Work expands community knowledge of Program and educates schoolchildren, promoting environmental stewardship with a goal of improving support/success of restoration efforts.		\$ 107,359.26	\$ 109,836.23	\$ 110,340.38
Headwaters Refinements Contract - Extension		\$ 22,160.00	\$ -	\$ -
	Subtotal	\$ 465,058.46	\$ 466,488.75	\$ 402,608.24
Technical Assistance				
Hoopa Valley Tribe -AFA		\$ 499,927.09	\$ 649,288.00	\$ 546,170.00
Yurok Tribe-AFA		\$ 557,703.17	\$ 744,572.00	\$ 590,633.00
CA Dept of Water Resources - FA		\$ 300,000.00	\$ -	\$ 150,000.00
CA Dept of Fish & Wildlife - FA		\$ 536,954.50	\$ -	\$ 290,149.97
NOAA Fisheries - IA		\$ 310,545.12	\$ -	\$ 162,686.36
Forest Service - IA		\$ 89,290.00	\$ -	\$ 46,000.00
Trinity County Technical Assistance (TRRP grant, floodplain development permit, FEMA)		\$ 335,875.00	\$ -	\$ 146,304.00
	Subtotal	\$ 2,630,294.88	\$ 1,393,860.00	\$ 1,931,943.33
TOTAL PROGRAM ADMINISTRATION		\$ 3,676,752.34	\$ 2,470,817.75	\$ 3,079,714.82

2-year funding, FY23 and 24

Yellow Highlight are Changes from last TMC meeting

Decrease in travel and purchase planning

Contract termination cost

IMPLEMENTATION BUDGET		2023 Approved	2024 Approved	2025 Proposed
Implementation Personnel				
TRRP Program Office Personnel (Implementation Branch Chief, Public Affairs Specialist, Civil Engineer, CE Tech (1), Natural Resource Specialist)		\$ 462,266.00	\$ 1,095,318.00	\$ 1,051,979.00
	Subtotal	\$ 462,266.00	\$ 1,095,318.00	\$ 1,051,979.00
Miscellaneous				
FEMA/Flood Compliance Updates - Denver TSC		\$ 45,000.00	\$ 45,000.00	\$ 45,000.00
River Acres House Purchase & Removal		\$ 530,000.00	\$ 75,918.00	\$ -
Realty Acquisitions (Easements, material storage)		\$ -	\$ 17,671.80	\$ -
	Subtotal	\$ 575,000.00	\$ 138,589.80	\$ 45,000.00
Planning				
NEPA/CEQA Compliance/Permits/ (TRRP contract: wetland delineation, bird surveys, native seed, cultural res		\$ 210,058.00	\$ 218,460.32	\$ 356,941.00
Revegetation Supply TRRP contract: native seed, native grass hay, plants		\$ 121,479.00	\$ 125,124.00	\$ 150,000.00
BLM Technical Assistance - IA (NEPA, permits)		\$ 176,340.45	\$ -	\$ 90,824.31
Geo-Phys Support Services (Aerial photography, boundary surveys, bathymetry and lidar, topography)		\$ 42,422.81	\$ 129,579.00	\$ 128,522.00
	Subtotal	\$ 550,300.26	\$ 473,163.32	\$ 726,287.31
Design and Support Services				
Hoopa Valley Tribe Support Services		\$ 150,903.00	\$ 9,080.00	\$ -
Yurok Tribe Support Services		\$ 250,000.00	\$ -	\$ -
TSC Modeling Support		\$ 53,136.00	\$ 40,000.00	\$ 40,000.00
	Subtotal	\$ 454,039.00	\$ 49,080.00	\$ 40,000.00
Construction				
Construction Projects		\$ 2,027,566.00	\$ 6,111,202.12	\$ 3,831,479.00
Construction Large Wood Supply YT		\$ 250,000.00	\$ 250,000.00	\$ 236,960.00
Construction Inspector		\$ -	\$ -	\$ -
Value Engineering Study - Reclamation requirement		\$ 7,360.00	\$ -	\$ -
Sediment Augmentation YT		\$ -	\$ 143,554.00	\$ 143,660.00
Coarse Sediment Processing/Placement Yr		\$ 177,000.00	\$ -	\$ -
Revegetation Maintenance/Irrigation-HVT		\$ 103,923.97	\$ 110,072.00	\$ 122,765.00
Systemic Riparian Mapping Project HVT (Funded Every 5 Years)		\$ -	\$ 151,229.00	\$ -
	Subtotal	\$ 2,565,849.97	\$ 6,766,057.12	\$ 4,334,864.00
Watershed Implementation				
Watershed Grants		\$ 500,000.00	\$ 1,000,000.00	\$ -
	Subtotal	\$ 500,000.00	\$ 1,000,000.00	\$ -
TOTAL IMPLEMENTATION BUDGET		\$ 5,107,455.23	\$ 9,522,208.24	\$ 6,198,130.31

2-year funding, FY23 and 24

Yellow Highlight are Changes from last TMC meeting

Balancer

New contract

New contract

Sawmill construction + UCC reveg

SCIENCE AND MONITORING BUDGET	2023 Approved	2024 Approved	2025 Proposed
Science Program Support			
TRRP Program Office Personnel (BOR) (Science Coordinator, Data Steward, Physical Scientist (2), NRS)	\$ 940,652.00	\$ 987,685.00	\$ 857,101.00
TRRP Program Office Personnel (HVT) - Riparian Ecologist	\$ 157,948.45	\$ 201,871.00	\$ 160,742.00
TRRP Program Office Personnel (YT) - Fish Biologist	\$ 124,714.64	\$ 184,133.00	\$ 139,069.00
External Peer Review Contract (DOI BPA)	\$ -	\$ -	\$ -
SAB Participation (currently 5 SAB members)	\$ -	\$ 135,015.00	\$ 131,282.00
TRRP-2018-036: Stream Gaging BOR Region Contract	\$ 235,900.00	\$ 237,720.00	\$ 237,720.00
Sub-total	\$ 1,459,215.09	\$ 1,746,424.00	\$ 1,525,914.00
Status and Trend Monitoring <i>doesn't include FWS** salaries</i>			
TRRP-2018-001: Chinook Run-Size Est.(CDFW, HVT)	\$ 514,229.22	\$ 475,966.00	\$ 492,807.50
California Department of Fish and Wildlife	\$ 443,059.92	\$ 404,250.00	\$ 416,377.50
Hoopa Valley Tribe	\$ 71,169.30	\$ 71,716.00	\$ 76,430.00
TRRP-2018-034: Chinook CWT-Fall Chinook (HVT)	\$ 303,804.85	\$ -	\$ -
TRRP-2018-004: Fall Run Scale Age (HVT, YT)	\$ 170,283.59	\$ 346,544.00	\$ 333,435.00
Hoopa Valley Tribe	\$ 118,091.29	\$ 178,116.00	\$ 194,727.00
Yurok Tribe	\$ 52,192.30	\$ 168,428.00	\$ 138,708.00
TRRP-2018-012:Outmigrant Monitor HVT, YT, FWS**	\$ 795,259.00	\$ 849,052.00	\$ 858,803.00
Hoopa Valley Tribe	\$ 429,087.05	\$ 449,873.00	\$ 472,456.00
Yurok Tribe	\$ 366,171.95	\$ 399,179.00	\$ 386,347.00
TRRP-2018-026: YT Harvest (Lower Klamath) (YT)	\$ 188,710.99	\$ 337,179.00	\$ 188,219.00
TRRP-2018-006: HVT Harvest (Lower Trinity) (HVT)	\$ 115,072.30	\$ 142,747.00	\$ 160,352.00
TRRP-2018-014: Monitor redd distribution, abundance and densities CDFW, YT, HVT, FS, FWS**	\$ 222,727.92	\$ 343,575.00	\$ 273,649.31
California Department of Fish and Wildlife	\$ 47,693.10	\$ 93,877.00	\$ 96,693.31
Yurok Tribe	\$ 79,293.51	\$ 160,183.00	\$ 86,850.00
Hoopa Valley Tribe	\$ 95,741.31	\$ 89,515.00	\$ 90,106.00
Forest Service (covered under technical assistance)	\$ -	\$ -	\$ -
TRRP-2018-010: Lower Klamath Creel Survey CDFW	\$ 100,000.00	\$ 147,967.00	\$ 152,406.01
TRRP-2018-005: Sport Harvest/Trinity Creel HVT	\$ 98,429.66	\$ 119,081.00	\$ 108,156.00
Sub-total	\$ 2,508,517.53	\$ 2,762,111.00	\$ 2,567,827.82
Effectiveness Monitoring & Other			
TRRP-2018-035: Channel rehab habitat effectiveness monitor(40 mile model support) YT, HVT, TRRP TSC,	\$ 70,348.81	\$ -	\$ -
TRRP Reclamation TSC	\$ -	\$ -	\$ -
Yurok Tribe	\$ 70,348.81	\$ -	\$ -
Hoopa Valley Tribe	\$ -	\$ -	\$ -
TRRP-2022-5: Improvements to RBM10	\$ -	\$ 96,000.00	\$ -
TRRP-2023-1: Chinook egg survival	\$ 172,292.00	\$ -	\$ -
TRRP-2023-2: Hyporheic flow and macroinverts YT	222,778.00	\$ -	\$ -
TRRP-2023-3: Lewiston Reservoir Temp Study YT	\$ 87,287.00	\$ -	\$ -
TRRP-2023-4: Evolution of Stream Morphology YT	\$ 45,200.00	\$ -	\$ -
TRRP-2023-X: Cohort reconstruction model support	\$ 40,000.00	\$ -	\$ -
TRRP-2023-X: Bed surface grain map	\$ 138,339.00	\$ -	\$ -
TRRP-2024-X: Limiting Factors Analysis	\$ 40,000.00	\$ -	\$ -
TRRP-2025-1: Restoration vegetation diversity	\$ -	\$ -	\$ 228,339.00
TRRP-2025-2: Benthic macroinvertebrates	\$ -	\$ -	\$ 385,992.00
TRRP-2025-3: Initial steps to a foodscape model	\$ -	\$ -	\$ -
TSC Sediment transport modeling	\$ 10,000.00	\$ 20,000.00	\$ -
Sub-total	\$ 896,593.62	\$ 116,000.00	\$ 614,331.00
Total Science Budget	\$ 4,864,326.24	\$ 4,624,535.00	\$ 4,708,072.82

Decrease due to positions held vacant

Yellow Highlight are Changes from last TMC meeting