

Trinity River Restoration Program

Updates to the Program of Work For FY 2006

Presented to:
Trinity Adaptive Management Working Group
December 7, 2005
Trinity Management Council
December 13, 2005

Recent Developments

- FY2006 Energy & Water Appropriations Bill
 - Signed November 19, 2005
 - Provides additional \$1 million above President's Budget level
 - TMC and TAMWG notified on November 26, with request for comments prior to meetings.

Updated Funding Levels

| | FY2006 PB Feb. 2005 | FY2006 Final Nov. 19, 2005 |
|--|------------------------|-------------------------------|
| Reclamation (Water & Related) | \$ 7.064 | \$ 8.064 |
| CVPIA Restoration Fund | 2.000 | 2.000 |
| USFWS Appropriations (est.) | 1.600 | 1.600 |
| DFG Coastal Salmon Recovery Program | 0.000 | 0.000 |
| USFWS Carryover from FY2005 (est.) | 0.600 | 0.800 |
| Total (millions) | 11.264 | 12.464 |

* Net available for additional allocations = \$1.2 million.

Congressional Intent

- FY2006 Conference Committee Report Language
 - *"Trinity River Division.-- The conference agreement provides \$500,000 above the budget request for the Fishery Restoration program. These funds are to be used in concert with the \$2,000,000 provided in the Central Valley Project Restoration Program to meet Federal trust responsibilities to protect the fishery resources of the Hoopa Valley Tribe. The Commissioner is urged to continue to support a Co-Management Agreement between the Hoopa Valley Tribe and the Bureau of Reclamation."*
 - *"In addition, the conferees have provided \$500,000 for the acquisition and/or modification of floodplain structures necessary for release of 11,000 cubic feet per second in an extremely wet water year."*

Reclamation Budget Direction

- "\$500,000 should be used to support ongoing fishery restoration; and \$500,000 to be used for floodplain structures. It appears to me that you should be able to use your normal process for setting budget priorities with the exception of the congressional direction for the \$500,000 for the floodplain structures."
(MP Budget Officer)

TRRP Staff Proposal for Additional FY2006 Funds

- Use additional funds to move RIG budget closer to 50% of total, reducing "construction bubble", and complying with Congressional intent of using at least \$500,000 for additional floodplain structure modification projects.
- Use additional funds to implement high priority monitoring/analysis tasks, including more fully funding existing tasks or adding new tasks.
- Hold Program Administration constant (verify and update costs but no new projects/tasks).

FY2006 Program of Work

| | TRRP Proposal June 13 | TMC Reviewed June 22 | TMC Approved Sept. 20 | Updated Proposal Dec. 13 | Full ROD Program |
|----------------------------------|-----------------------------|----------------------------|-----------------------------|--------------------------------|------------------------|
| Program Administration | 1,886 (17.5%) | 1,856 (17.5%) | 1,874 (16.6%) | 1,875 (15.0%) | 2,264 (14.7%) |
| Rehabilitation Implementation | 5,190 (48.8%) | 4,905 (46.1%) | 5,377 (47.7%) | 6,232 (50.0%) | 7,887 (51.1%) |
| Modeling and Analysis | 3,590 (33.7%) | 3,875 (36.4%) | 4,013 (35.6%) | 4,357 (35.0%) | 5,273 (34.2%) |
| Total Available Funds | 10,665 | 10,635 | 11,264 | 12,464 | 15,425 |

All dollars in thousands; out-year and full ROD program estimates are subject to on-going verification and improvement; funding sources not specified.

Review: RIG Priority Criteria

- Will the action help set the stage for 8,500 and 11,000 cfs ROD flows?
- Has pre-work already been completed (NEPA/CEQA, designs)?
- Is a proposed channel rehab site(s) located where it is likely to be successful and support floodplain structure modifications?
- Does the action allow for a coarse sediment component?

Review:
TMAG Criteria

- Will the proposed work accomplish or facilitate evaluation of progress towards program goals?
- Will the proposed work accomplish or facilitate the formulation of management actions?
- Is the proposed work a prerequisite to other monitoring, analyses, or critical modeling needs (e.g., Science Framework development)?
- Will the proposed work accomplish or facilitate documentation of compliance with regulatory requirements?

Review:
Integrated Staff Priorities

- Prioritize and implement floodplain modifications starting with 8,500 cfs based on FY2005 inventory (up to 11,000 cfs)
- Complete Hocker Flat
- Implement Canyon Creek sites
- Plan, design, implement Indian Creek project
- Plan, design, implement Hatchery Area rehab site and gravel project
- Continue environmental & design activities to keep rehab site implementation on track
- Complete integrated mainstem baseline, including habitat assessment
- Complete Science Framework Monitoring Plan

TRRP Staff Recommendation

| RIG | Approved TMC Budget; Sept. 20 | Proposed Allocation | Revised Total |
|------------------------|-------------------------------|---------------------|---------------|
| Bridge Modifications | 200,000 | <50,000> | 150,000 |
| Invasive Plant Studies | 25,000 | <25,000> | 0 |
| Poker Bar Roads * | 100,000 | 308,000 | 408,000 |
| Indian Creek | 285,000 | 500,000 | 785,000 |
| Canyon Creek | 713,000 | 122,000 | 835,000 |
| | | | |
| Net Changes: RIG | | 855,000 | |

* Poker Bar Roads contract (\$308,000) could not be awarded in FY2005, contract awarded in October 2005.

TRRP Staff Recommendation

| TMAG | Approved TMC Budget; Sept. 20 | Proposed Allocation | Revised Total |
|--------------------------------|-------------------------------|---------------------|---------------|
| Priority One | | | |
| Stream Flow Gaging | 196,770 | 5,920 | 202,690 |
| Sediment Monitoring | 330,000 | 25,000 | 355,000 |
| Geomorphic Monitoring | 0 | 25,000 | 25,000 |
| Riparian Recruitment Model | 110,000 | 15,000 | 125,000 |
| 2-D Aquatic Habitat Assessment | 160,000 | 33,000 | 193,000 |
| Coded Wire Tagging | 300,000 | 13,000 | 313,000 |
| Equipment (CWT, RST, etc) | 0 | 67,500 | 67,500 |
| Tribal Harvest Survey | 140,000 | 10,000 | 150,000 |
| Run Size/Weirs | 548,000 | 15,000 | 563,000 |
| Carcass/Redd Surveys | 215,000 | 24,000 | 239,000 |
| Net Changes: TMAG Priority 1 | | 233,420 | |

TRRP Staff Recommendation

| TMAG | Approved TMC Budget; Sept. 20 | Proposed Allocation | Revised Total |
|--|-------------------------------|---------------------|---------------|
| Priority Two | | | |
| Subprogram Reviews | 0 | 15,000 | 15,000 |
| Empirical Habitat Assessment (aerial photos) | 0 | 26,145 | 26,145 |
| Angler Harvest | 65,000 | 40,000 | 105,000 |
| Integrated Monitoring Plan | 34,065 | 5,935 | 40,000 |
| Temperature Model Expert Consultation | 15,000 | 15,000 | 30,000 |
| Scale Analysis/Age Composition | 55,000 | 10,000 | 65,000 |
| Net Changes: TMAG Priority 2 | | 112,080 | |
| Total of TMAG changes | | 345,500 | |
| Total of RIG changes | | 855,000 | |
| Total of all changes | | 1,200,500 | |

TRRP Staff Recommendation

| TMAG | Approved TMC Budget; Sept. 20 | Proposed Allocation | Revised Total |
|---|-------------------------------|---------------------|---------------|
| Priority Three (unfunded) | | | |
| Lewiston Lake Bathymetry | 0 | 20,000 | 20,000 |
| Lewiston Lake Temperature Model (CE-Qual-W2) | 0 | 20,000 | 20,000 |
| Objective-Specific Monitoring (possible future proposals) | 0 | 100,000 | 100,000 |
| Egg Viability/Juvenile Growth follow-up studies (temperature) | 0 | 15,000 | 15,000 |
| Net Changes | | 155,000 | |

Questions?

Conceptual Basis for TRRP Program of Work

| | Gravel Augmentation | Gravel Augmentation | Gravel Augmentation | Gravel Augmentation | RIG 20% |
|----------|---|---|---|---|----------|
| RIG 50% | Phase 1 Rehab Sites; Floodplain Structure Mods | Phase 2 Rehab Sites | Follow-up | Update Baseline; | TMAG 60% |
| | | Measure Progress; | Update Baseline; Measure Progress; | Measure Progress; | |
| TMAG 30% | Compliance; Baseline Assessments; Prerequisites | Evaluate Mgt Actions; Compliance; Prerequisites | Evaluate Mgt Actions (flows); Prerequisites | Evaluate Mgt Actions (flows); Prerequisites | |
| | Program Administration (20%) | | | | |
| | 2006-2008 | 2009-2011 | 2012-2014 | 2015-2017 | |