ATTACHMENT 7

DRAFT

Coarse Sediment Augmentation Decision Questions 8-8-2013

Decision: On a recurring annual basis, decide the volume, location, size distribution, injection method, injection timing, and sediment source for coarse sediment augmentation.

1. **Who ultimately make the decision?**

   The Trinity Management Council makes the administrative decision to conduct coarse sediment augmentation. Their decision is subject to approval by three different permitting agencies, including the California Water Quality Control Board, Army Corps of Engineers, and Trinity County.

2. **What factors do they consider (including cost constraints like cost)?**
   - Technical recommendations from the Physical Workgroup
   - System-wide total annual volume of augmentation as compared to existing recommendations.
   - Input from Trinity Adaptive Management Working.
     - Concern over volume and location of augmentation.
     - Concern over impact on adult holding areas.
   - Environmental permit constraints on augmentation locations and site specific volumes.

3. **Who are the stakeholders in the decision?**
   - Trinity Management Council
   - Trinity Adaptive Management Working Group
   - Water Quality Control Board
   - Trinity River Guide Association
   - Local residents
   - Landowners with river front property
   - General public

4. **Which TRRP objectives does the decision address?**
   - Create and maintain a spatially complex channel morphology
   - Increase physical habitat diversity and availability
   - Increase coarse sediment transport and channel dynamics
   - Increase coarse sediment storage

5. **What is the relationship of this decision to other decisions?**

   The volume and location of coarse sediment augmentation is intended to supplement the natural sediment supply to balance the average volume of coarse sediment transported by flow releases on a multi-year basis. Therefore, the coarse sediment augmentation decision is dependent on the flow release decision. The annual high-flow coarse sediment augmentation is directly tied the annual flow release schedule. The annual system-wide coarse sediment augmentation volume recommendation is ultimately tied to flow release decisions made across a multi-year time span.