

**Flip Chart Notes:  
Matilija Dam Ecosystem Project Fine Sediment Study Group  
February 2, 2011**

**Flip Chart: Prioritizing Problems and Data Gaps for Further Analysis**

(Note: categories taken directly from December 10 meeting brainstorm. Recorded here only those problems/data gaps that received more than one "vote" from the Group))

**Water Quality/Supply\***

- (5) Investigate fine sediment effects on diverters

**4b/BRDA**

- (3) What needs to be done to "run BRDA to ground"
- (2) How sites will need to be managed
- (3) Costs: Additional regulatory costs
- (3) Costs: Investigate modified BRDA for cost reductions

*From additional BRDA data gaps discussion:*

- (2) Effects of sediment deposits on well water quality

**Natural transport and hybrid options**

- (3) Scientific evidence on fine sediment impacts of natural transport on water supply: Impacts of notching on wells, Casitas, fishery
- (3) Hybrid of slurring and transport (2a and 4b?), including design of upstream area
- (2) Relevant dam removal information/lessons learned

*From Constraints discussion:*

- (5) Analysis/investigation of Regional Board permit requirements and parameters for sediment, nutrients

*\*[Data Request: NMFS provide any data or guidance to the USACE design team on sediment thresholds for anadromous fish]*