

**Attachment H-1:
Evaluation of Reservoir Sediment
Management Implementation**

	File Name	Action Type	Notes
	Domestic		
1	Capital Lake Adaptive Management Plan Final Report	*Dredging	
2	Condition of Sixmile Creek and Watershed	*Hard Engineering Structure *Remove the Dam	
3	Dredging slated for Russell plant dam	*Dredging	
4	Ecological-Economic Assessment of a Sediment-Producing Stream Behind Lower Granite Dam or	*Dredging	
5	Grove Lake Sediment Bypass	*Dredging	Few other options were abandoned due to infeasibility or logistics issues
6	Louisiana Coastal Restoration	*Hydraulic Transport of sediment	
7	Hydrosuction Sediment Removal	*Hydrosuction Sediment Removal System (HSRS)	Bypassing or dredging
8	Hydrosuction Sediment-Removal Systems (HSRS) – Principles and Field Test	*Hydrosuction Sediment Removal System (HSRS)	Bypassing or dredging
9	Lessons from a Dam Failure	*Rebuilding the Dam	
10	Nebraska: Valentine Mill Pond - Innovative System Clears Up Sediment Problem in Lake	*Hydrosuction Sediment Removal System (HSRS)	
11	Potential for Increasing Storage Capacity in Los Padres Reservoir	Dredging	
12	Regional Sediment Management	*Regional Approaches to Sediment Management	
13	Reservoir Conservation RESCON Volume I	*Research Study	
		*Flushing	
14	Reservoir Conservation RESCON Volume II	*Hydrosuction Sediment Removal System (HSRS)	
15	Robles Diversion Dam High Flow and Sediment Bypass Structure	*Dredging & Trucking *High Flow Bypass (HFB)	
16	San Clemente Dam to come down	*Removing Dam	Other options included rerouting the river via a bypass to avoid the accumulated sediment. Dam removal is set to begin January 2013 and finish in 3 years. This would give greatest benefit to the river ecosystem
17	Savage Rapids Dam Sediment Evaluation Study	*Removing Dam *Construction of 2 Pumping Plants	This proposal was documented and filed on August 30, 1995
18	Sediment Build-up Causes Environmental Concern	*Dredging *Removing Dam	

	File Name	Action Type	Notes
		*Stream Restoration and Stabilization *Sediment Trapping Structures *Sediment Transport Assessment *Stream Bank/Channel Stability Assessment *Riparian Buffers *Natural and Reconstructed Wetlands	
19	Sediment Task Force Recommendations		
20	Sediment Trap Assessment, Saginaw River, Michigan	*Sediment Trap	Study of model
21	Using Adaptive Management at Glen Canyon Dam	*Pipeline to Transport Sediment	
		*Upstream Trapping	
22	Managing Sediment in Utah's Reservoir	*Construction, Mining, Logging, Grazing	
23	Reservoir Sedimentation Handbook 1.04	*Sustainable Sediment Management	management strategies and techniques
	Overseas		
1	China's Challenge	*Drawdown/Flushing/Sluicing/Releasing turbidity currents/Dredging	
		Re-vegetation/Warping/Contour Farming/Check Dam/Bypassing/Sluicing/Density Current Venting/Dredging/Dry Excavation/Hydro-Suction/Drawdown	
2	Going Full Circle	Flushing/Pressure Flushing	
		*Rising of Reservoir Bed Levels	
3	Life of Maiton Reservoir, India	*Fill the dead storage zone with silt	
4	Measures against Reservoir Sedimentation Switzerland	*Siltation Trap	
		*Building New Dam	
5	Reservoir in Fear, China	*Failing Dam that is Contributing to Flooding	
		*Sediment Flushing/Sediment Bypassing/Excavating and Dredging/Discharging Turbid Water/Emptying the Dam	
6	Reservoir Sedimentation and Sediment Management in Japan		
7	Reservoir Sedimentation Management in Asia	*Mechanical Hydraulic Dredging (Siphon & Airlift Systems)	
8	Sediment Bound Nutrient, Sudan Savanna Zone of Ghana	*Sampling	
		*Reforestation and Debris Dams Constructed	
9	Sediment Management in Naodehai Reservoir, China	*Full Drawdown Flushing	
		*Defense Structures	
10	Sediment Management Options for the Lower Ebro River and its Delta	*Restoring Sediment Fluxes	
		*Flushing Sediment	
		*Dredging	
11	Sediment Management Round Table Discussion	*Relocation	
		*Active Management of Sediment	
		*Flushing & Sluicing	
12	Sediment Management, Lavey Run-of-River, Switzerland	*Hydraulic Modeling	
		*Dredging	
13	Sedimentation and Dredging of Guanting Reservoir	*Elevation of the Dam	