

Enhanced Delta Emergency Response 2007-09 Jan. 18, 2008 Update

This update covers all of the progress the Department of Water Resources (DWR) has made from Oct. 24, 2007 through Jan. 18, 2008 in enhancing the Department's ability to respond to large-scale levee failure or flood related emergencies in the Sacramento-San Joaquin Delta. The majority of DWR's work activities these three months have focused on improving the physical response to an emergency via pre-event planning preparation work (i.e. stockpiling flood response materials and developing plans to use these materials in a DWR emergency response effort) and in expanding its outreach activities with other groups that are developing their own Emergency Operations Plans (EOP).

Emergency Operations Plan

No significant changes have been made to the Interim EOP. However, the plan has been presented to the Delta Protection Commission (DPC) and DWR personnel have been engaged with the DPC and others in the development of non-DWR Delta-specific EOPs. Improvements in the Interim EOP will continue to focus on DWR's legislated water-focused emergency response responsibilities, but by participating in the development of other Delta-specific EOPs, DWR's plan will better integrate into an overall Delta emergency response planning effort that can address a larger cross section of emergencies.

Pre-Event Prep Work

Based on the preliminary design estimates of material needed to repair multiple levee breaches and block 8 river channels following a large-scale levee failure (and massive salinity intrusion) in the Delta, preparatory work for three new joint stockpile / transfer facilities located on the periphery of the Delta has been completed. Jackson Valley Quarry started placing rock (see Figure 1 for the schedule of rock placement) at DWR's Rio Vista Facility on Dec. 17, 2007. Rock will continue to be delivered to Rio Vista through Mar. 2008, when the rock will then be delivered first to the Hood Facility and later to the Port of Stockton. Currently the delivery of materials is slightly ahead of the original contracted schedule, but the final delivery date based upon the supply contract is shown below.

Facility	Total Quantity of Rock [Tons]	Contracted Delivery Date
Rio Vista	100k	Mar. 3, 2008
Hood	10k	Mar. 13, 2008
Port of Stockton	130k	Jun. 27, 2008
Total	240k	

The San Rafael Rock Quarry has been contracted to construct a complete conveyor system at the Port of Stockton that will be capable of transferring large rock from either the above referenced stockpiles or directly from trucks to barges. The construction and demonstration of this conveyor should be completed in Mar. 2008. Although located at the Port, the conveyor will be owned and operated by the Department.

The second phase of design work and contracts will focus on increasing the quantity of rock stockpiled at the facilities, as well as procuring other breach closure materials, such as sheet piles and increasing current wave wash protection supplies. DWR will also develop strategies for transporting rock from the stockpile / transfer facilities to various potential breach locations.

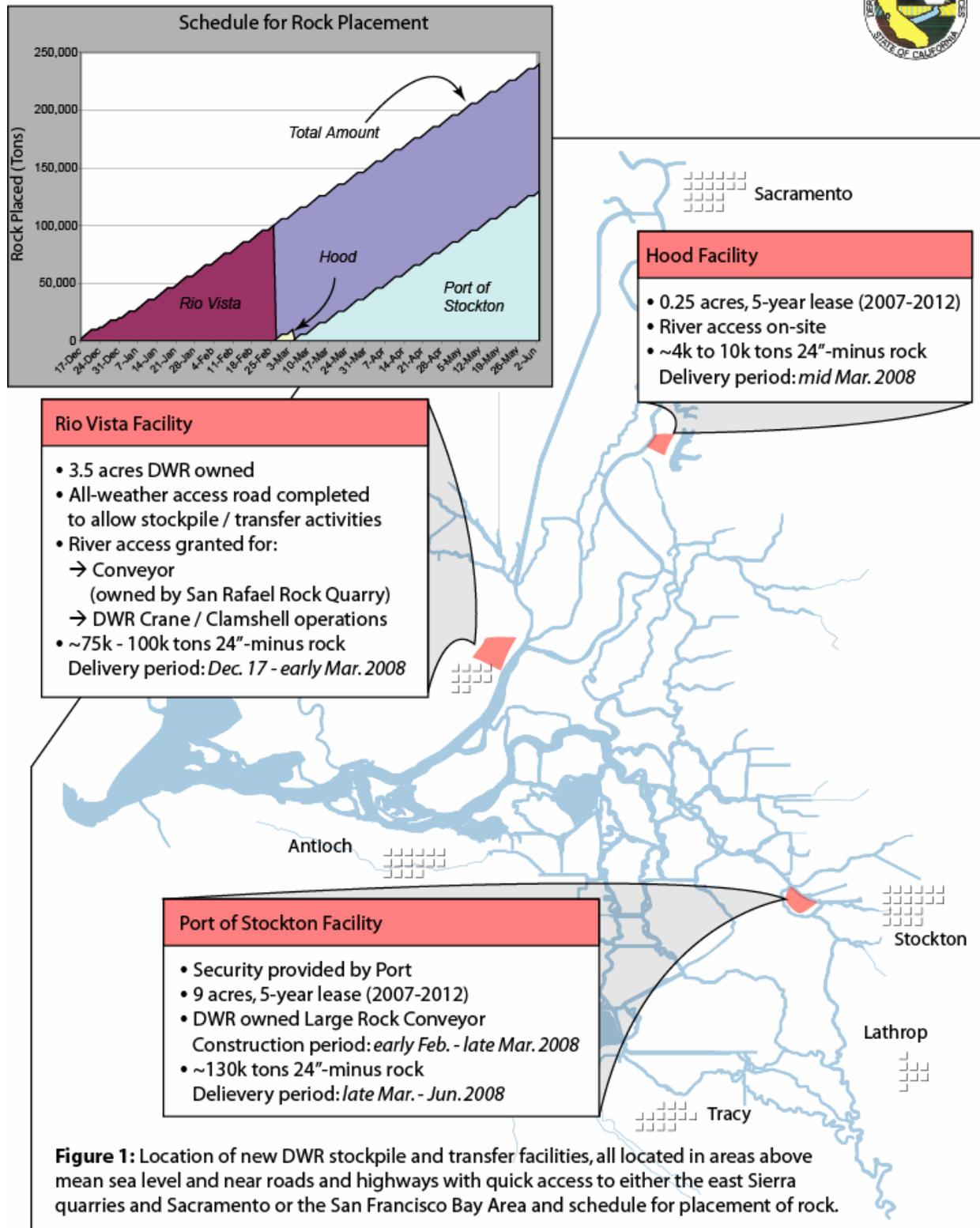


Figure 1: Location of new DWR stockpile and transfer facilities, all located in areas above mean sea level and near roads and highways with quick access to either the east Sierra quarries and Sacramento or the San Francisco Bay Area and schedule for placement of rock.