



Mare Island RAB Update

March 25, 2010

SSTP OUTFALL UPDATE

The field cleanup work has been completed and contaminated sediments have been disposed off-site. WESTON is currently making revisions to the Remedial Action Completion Report based on Navy comments. The report will then be submitted to the agencies for their review. This remedial action completes the cleanup for the site specified under the 2002 Remedial Action Plan for the Western Early Transfer Parcel.

IA-H1 CONTAINMENT AREA CAP

WESTON has completed placement and grading of contaminated soil within the Containment Area. The fill is now at the designed subgrade elevations. WESTON is currently importing clean soil to provide a one foot cushion layer between the contaminated soil subgrade and the geosynthetic cap. Installation of the geosynthetic material layers of the engineered cap is scheduled to resume on April 5th. As the geosynthetic layers are installed and tested, a final two foot cover of soil will be installed over the geosynthetic layers. Installation of the engineered cap and soil cover will be completed in May.



Final Grading Prior to Placement of Geosynthetic Layers

WESTERN MAGAZINE AREA (WMA)

WESTON completed the hand-excavation of 330 magnetometer anomalies along the perimeter of the four tidal wetlands within the WMA. Investigation of these anomalies began on February 22nd and was completed on March 5th. No munitions or explosives of concern (MEC) items or radiological items were encountered. Only 3 inert munitions debris items

were encountered. The majority of the anomalies consisted of scrap metal, utility pipelines, and asphalt. It does not appear that the wetland areas were used for disposal of MEC from the adjacent upland (non-wetland) areas. All the upland portions of the WMA were previously investigated and detected MEC items removed. A Munitions Response Action Completion Report and Conceptual Site Model for MEC are being prepared to document the recent and prior investigations and removal actions which have substantially reduced the risk posed by MEC at the WMA and the nearby IR Site 05.

WESTON completed a two-foot deep excavation on March 22-23 at the Horse Stable Area located within the WMA. The excavation was performed under the current Time Critical Removal Action approved for the Horse Stable Area. The excavated soil contained mercury concentrations safe for humans but which exceeded the risk-based criteria for ecological receptors recently developed as part of the WMA/IR05 Remedial Investigation report preparation. Approximately 1,000 cubic yards of mercury-impacted soil were transported and consolidated at the IA-H1 Containment Area. This was the final addition of soil to the Containment Area. The Horse Stable Area at the WMA does not have a history of MEC, and no MEC or inert munitions items were observed during the excavation. The post-excavation soil confirmation sample data will be incorporated into the WMA Remedial Investigation report.



Excavation at the Horse Stable Area within the Western Magazine Area