

# Lainhart and Masten Dam Refurbishment Project

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**Original Masten Dam** 



Old cap and cypress logs removed





**Original Masten Dam Above** 

New cap and cypress logs installed, water flowing over new cap









Installation of weir cap and cypress logs at Masten Dam

**Installation of cypress logs on upstream side of Masten Dam** 

SOUTH FLORIDA WATER MANAGEMENT DISTRICT



#### Construction Progress at Masten Dam





Weir cap and cypress logs installed at Masten Dam. Contractor will plug the west side of the dam to start working on fixing the bypass channel and water will start flowing over the new weir cap.





West side of Masten Dam, looking at the bypass channel



SOUTH FLORIDA WATER MANAGEMENT DISTRICT



#### Construction Progress at Masten Dam





Weir cap and cypress logs installed at the Masten Dam. Contractor will plug the west side of the dam to build the Vegetation Reinforced Soil Slope (VRSS).



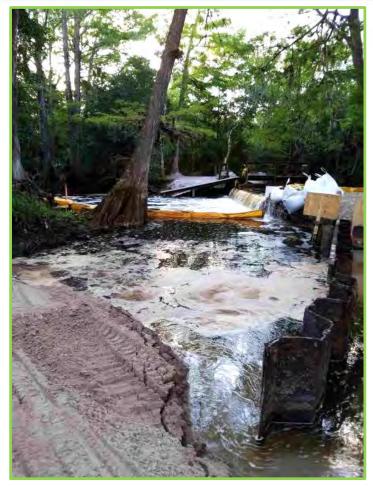


**Debris has been removed on the West side of Masten Dam** 



Earthen dam built to start construction at Masten Dam







After plugging the West side of Masten, the Contractor is building the Alluvial area VRSS







Continue working on the Alluvial area, water flows have been plugged







Installing blankets in Alluvial area for the VRSS







Continue with the VRSS construction







**VRSS Construction** 







VRSS construction and articulated block placement

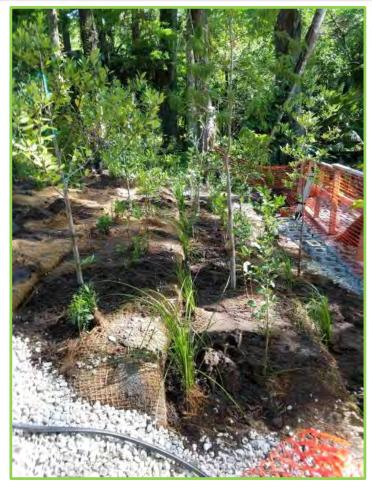






Contractor redying to place new plantings on the Alluvial area

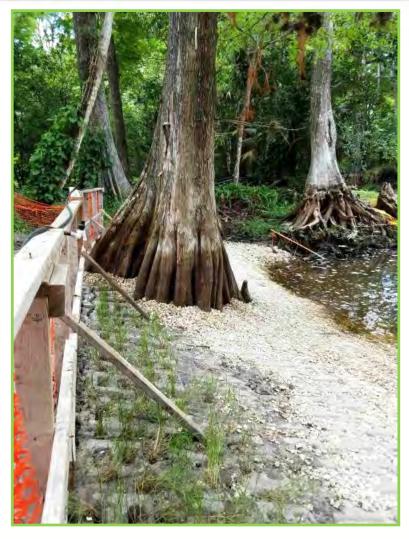






Alluvial area shown with new plants







Alluvial area plantings in place