

Mt. View Sanitary District Pond Erosion Repair, 2015

Martinez, California

Nute Engineering is currently preparing a design for restoration of eroded pond banks at the District treatment plant which store treated effluent. The ponds are managed to provide habitat for wildlife and migratory waterfowl and are considered a beneficial use of the treated water. The pond levees were originally constructed from bay mud with sloping sides. The wind has caused erosion so that the banks are now standing almost vertically in many places. Restoration will involve a combination natural matting and natural vegetation in order to maintain the natural habitat as much as possible. Use of rock rip rap on the banks, although effective against wind erosion, will be avoided as much as possible since the habitat value is low.



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