

2006/07 FY

Project: Vehicle Wash Rack
Unit: Oceano Dunes SVRA
Estimate: \$450,000
Project Type: Meeting Clean Water Act

PROJECT DESCRIPTION

The purpose of this project is to install an oil/water separator apparatus, high-pressure clean water recovery system (portable high pressure hot water wash/rinse and wash wastewater management system as manufactured by Hydro Engineering or approved equal). The facility will have a concrete floor and an overhead roof to facilitate vehicle washing free of storm water impacts.

The floor of the facility is 40 feet by 60 feet on level ground with a 14-foot high overhead structure. The floor will be concrete and will accommodate the wash rack catch basin (15' x 32') to a depth of about 18". The wash rack floor will have drain lines, return lines, and electrical lines below grade to the portable pressure washing apparatus about 10 feet away. A vehicle hydraulic lift will be installed in order to wash off the salt from the under side of the vehicles. The overhead roof structure will be steel with open trusses, steel post, and concrete columns (pole barn style).

PROJECT JUSTIFICATION

This project is pursuant to federal Clean Water Act mandates and local county regulations.

The district has the responsibility of managing and maintaining a fleet of equipment with a value in excess of \$1,000,000. This includes Public Safety and Maintenance vehicles. Recently division staff met with the Department of General Services, Office of Fleet Administration to discuss options and objectives to reduce the cost of maintaining and to extend the life of the fleet vehicles at Oceano. One option was to purchase a self contained wash rack that could not only accommodate light duty vehicles but heavy equipment as well. The fleet vehicles and heavy equipment endure a harsh coastal environment while in operation at Oceano Dunes SVRA and require periodic washing. Grease and oils that are removed during vehicle washing require containment and filtering prior to entering the environment to ensure no contamination to above and below-ground water. The filtration process also provides for the recycling of grease and oil into petroleum products. This project will also provide for extended

equipment life of fleet vehicles and equipment by removing salt accumulation from the bodies, suspension, and drive train.

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The County permits process for this project involves public review and is subject to an approval by the County Department of Building and Planning. Should this project be appealed during this process, the project would be referred to the California Coastal Commission for permit review, and approval. It is not anticipated that this project will create an issue that would require review by the California Coastal Commission.

Alternatives: Take no action will continue the non compliance with the Federal Clean Water Act mandates and local county regulations. This alternative will also continue the need to make costly repairs to vehicles and equipment and risk the ability for the district to get approval from OFA to replace equipment.

This project is consistant with the General Plan for Oceano Dunes State Vehicular Recreation Area.