

2006/07 FY

Project: **Vehicle Wash Rack**
Unit: Oceano Dunes SVRA
Estimate: \$450,000

PROJECT DESCRIPTION

The purpose of this project is 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) and all concrete floor area and overhead roof structure 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 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 structure roof 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.

All state vehicles and heavy equipment that is operation at the SVRA requires periodic washing. The grease and oils that are removed during washing require capture prior to entering the environment and may be recycled as a consequence thus removing a potential ground water contamination as well as recycling used petroleum products. This project will also provide for extended equipment life, as it will also remove salt accumulation.