

RESULTS FROM CSMW TASK 6

(Debris Basins)

TASK 6 – Compile known information on debris-basin locations, contacts, volumes, and cleanout frequencies. Focus efforts outside of Ventura and Los Angeles Counties, since debris basins in those counties are already included within the SMP GIS.

INFORMATION ON DEBRIS BASINS

To identify debris basins in San Diego, Orange, San Luis Obispo, and Monterey counties, the public works departments/flood control districts in each county were contacted. Additionally, the California Department of Transportation was contacted regarding debris basins in San Luis Obispo and Monterey counties. Representatives of the public works departments/flood control districts in San Diego, San Luis Obispo, and Monterey counties stated that those counties do not have debris basins.

Orange County does not have debris basins like those in Los Angeles or Ventura counties that collect coarse material. However, it does have several retarding basins that are intended to slow runoff from storm events and reduce the amount of silt reaching Upper Newport Bay. These retarding basins are usually built by developers and turned over to the County for operation and maintenance. The retarding basins typically trap only silt and fines. Information on seven of these retarding basins is included in Table 5. Information for retarding basins in Orange County was provided by Mr. John Gietzen of the Orange County Public Facilities and Resources Department.

No efforts were made to collect information for Santa Barbara, Ventura, Los Angeles, San Bernardino, or Riverside counties as information on debris basins in these counties is summarized in a report prepared by the California Department of Boating and Waterways and State Coastal Conservancy (2002).

CGS RECOMMENDATIONS TO THE CSMW

- Guidance should be developed for using more debris basin material for beach nourishment as part of CSMW's project to provide guidance on the reuse of opportunistic sand.

CSMW TASK SIX

Bibliography

California Department of Boating and Waterways (CDBW) and State Coastal Conservancy (SCC), 2002, California beach restoration study: Sacramento, California.