

Opportunistic Beach Fill Programs

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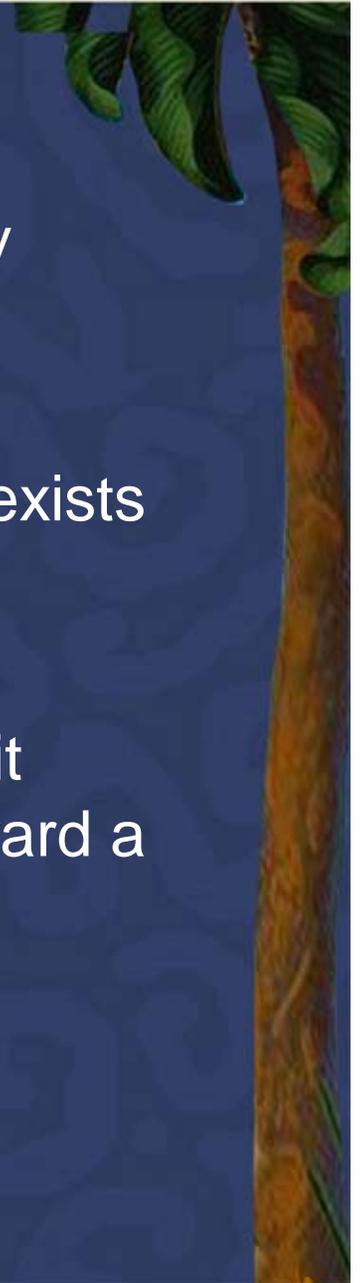




BACKGROUND AND PURPOSE OF THE PROGRAM

Opportunistic Beach Fill Programs

- Many beaches in Southern California are actively eroding;
- A deficit of natural sand delivery to the beaches exists due to flood control activities and development;
- Opportunistic beach fill serves to offset this deficit incrementally to restore the sediment budget toward a balance.



DEFINITION

Opportunistic Beach Fill Programs

- Opportunistic Beach Fill is sandy material that is a surplus from upland development or maintenance projects. If suitable, it can be placed at the beach as nourishment for low or no cost to local agencies thus serving as a Port disposal option.

OPPORTUNISTIC BEACH FILL PROGRAMS

Opportunistic Beach Fill Programs

Pre-approvals of beach projects where components are pre-defined:

- Sites
- Quantities
- Quality
- Timing and Rate of Placement
- Designs
- Monitoring

HISTORY OF THE PROGRAMS

Opportunistic Beach Fill Programs

- First included in the San Diego Region Shoreline Preservation Strategy in 1993;
- Carlsbad initiated efforts in 1995 and reinitiated them in 2004;
- San Clemente secured permits in 2004;
- Ventura & Santa Barbara Counties secured permits in 2005;
- The USACE initiated RGP 67 and the State prepared a plan in 2005/6;
- Carlsbad applied for permits in 2006; and
- Solana Beach and Oceanside are also applying for permits in 2006.



FIRST PROJECT BY SAN CLEMENTE
Beach Berm Placement

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FIRST PROJECT BY BEACON AT GOLETA BEACH
Winter Dike Placement



SEAL BEACH IN 1995 FROM THE SANTA ANA RIVER



LOCAL ACTIONS BEFORE THE RGP

Opportunistic Beach Fill Programs

Program Approval – One Time, Takes Up to 1 Year

1. Formulate a specific description of their program;
2. Prepare a CEQA document (No NEPA document needed);
3. Secure permits from other jurisdictional agencies;

Project Implementation – Takes 4 Months Each Time

1. Identify a potential source;
2. Test and analyze them consistent with an approved Sampling and Analysis Plan;
3. Provide 30-Day Notification Report to all agencies of a Pending Project
4. Secure final agency approvals for the specific project; and
5. Construct!

- Statewide Opportunistic Beach Fill Plan - the Sand Compatibility and Opportunistic Use Program (SCOUP)
 - Instructions to set up a program for any agency within California;
 - Provides a broad framework within which to formulate any site-specific program;
 - Provides a uniform approach to formulating a site-specific program;
 - Removes the need for preparation of technical analysis on a case-by case basis;
 - Allows each agency to proceed right to CEQA and permitting (shortens timeframes by 6 months).

CALIFORNIA SEDIMENT MASTER PLAN
COMPONENT – USACE L.A. DISTRICT REGIONAL
GENERAL PERMIT 67

**Opportunistic Beach
Fill Programs**

Serves as a General Permit for Opportunistic Beach
Fills in Southern California

- Streamlines Permits for Opportunistic Beach Fill to Save Time and Budget of Staff and Applicants;
- Promotes Uniformity in Permitting Approach for Programs.
- Is Anticipated to be Issued by the USACE in June 2006

REQUIRED PERMITS AND TIMEFRAMES BEFORE AND AFTER RGP 67

Opportunistic Beach Fill Programs

<u>Agencies</u>	<u>Permits Before</u>	<u>Permits After</u>
<ul style="list-style-type: none">• USACE• State Lands• Coastal Comm.• State Parks• Water Board• Local	<ul style="list-style-type: none">• Sects 10 and 404• Lease• Development• Encroachment• Water Quality Certification• City/County	<ul style="list-style-type: none">• RGP 67• Lease• Development• Encroachment• None Needed• City/County
Timeframes	Time = 1 Year	Time = 6 Months

- For sediment disposal from Southern California Ports with beaches within their jurisdiction
 - Long Beach, Los Angeles
- If expanded by the USACE geographically, could be applied to Ports elsewhere that possess similar Port/beach configurations.
 - Crescent City
- Specifically intended to be used by small Harbors that dredge small quantities of material possessing high percentages of fines
 - Santa Cruz Harbor

CONCLUSIONS

Opportunistic Beach Fill Programs

- Opportunistic beach fill programs are a new approach to perform sediment management, reduce coastal erosion, and provide more disposal options within Southern California.
- USACE RGP 67 is an innovative approach to simplify and shorten the approval process.
- With RGP 67 and the SCOUP Plan, Ports can enact sediment disposal more readily and effectively.