# Method 8: Beach Nourishment and Substrate Addition

# 8A: *Beach Nourishment*

**Project Title:**

**Project CIP Number:**

*See Section 3 of the SBE, Method 8 for a complete description of the activity and conservation measures for this method. You need this information to fill out this form.*

Beach Nourishment

1. Indicate the type of material, the quantity of material, and the slope of the beach onto which the material will be placed.

| Yes | No | Type of Material | Quantity of Material | Footprint of Material | Slope of Beach |
| --- | --- | --- | --- | --- | --- |
|  |  | Sand | yd3 | Length        Width | % |
|  |  | Gravel | yd3 | Length        Width | % |
|  |  | Clean cobble | yd3 | Length        Width | % |
|  |  | Other: | yd3 | Length        Width | % |

2. Will any material be placed directly into the water?  No  Yes If yes, provide further information on amount and how material will be distributed.

3. How will the material be spread on the beach?

Trucked in and placed by front-end loader, tractor or backhoe

Trucked in and placed on beach and allowed to distribute by wave action

Barged in and placed on beach by conveyor system

Other:

4. Will material be placed on beach during low tide, or when lake level is at its lowest level?

No  Yes

5. Will beach be graded?  No  Yes (if yes, fill out form for **Method 2**)

6. Provide additional information (if any) on this construction method:

Conservation Measures

The following table contains the conservation measures identified for Method 8A. The table only provides a brief summary of the conservation measures. Please see Section 4 of the SBE for a complete description of each conservation measure. To get programmatic coverage by the Corps and Services for projects using this method, all conservation measures identified below must be included with the project (see Section 10 of the SBE). If, for some reason, a conservation measure is not applicable, or will not be used, you MUST provide a reason the conservation measure is not applicable or will not be used in the “Provide additional information” section below. Provide any additional conservation measures that may be implemented but are not listed. These may be found in Section 4: Conservation Measures of the SBE or in the City Standard Specifications.

| **Conservation Measures** | **Description** | **Included in**  **Project?** |
| --- | --- | --- |
| 1 | Approved work windows |  |
| 4 | Maintain a spill kit onsite |  |
| 15 | Clean equipment that will work below the OHW or MHHW lines or in riparian or shoreline areas |  |
| 16 | Fuel equipment in staging areas |  |
| 18 | Use vegetable-based hydraulic fluid when equipment operates in sensitive areas |  |
| 27 | Place erosion and water quality control devices prior to beginning of work |  |
| 28 | If mechanized equipment is used within the OHW or MHHW, only an extension arm with bucket or similar attachment shall enter the water. Conduct debris removal and work below OHW or MHHW during low water levels (fresh waters) or at low tide (marine waters). This prevents material from entering the water during construction. It is recommended that a tarp be placed on the substrate of the work area. All debris re­moved shall be disposed of offsite in an approved upland disposal area. |  |
| 29 | Confine use of equipment operating below OHW or MHHW to designated access corridors |  |
| 57 | Perform all work in the dry when possible |  |
| 58 | Conduct work during minus tides or low water levels |  |
| 59 | Use clean, washed material |  |
| 62 | Do not ground or rest construction barge on substrate or on vegetation |  |
| 66 | Use clean, washed beach material |  |

Please provide any additional information on Conservation Measures used or not used for this Method: