

# Upland Soil

## Bay Plan Section



### Problem:

Construction projects often create extra soil and dispose of it at landfills. Upland soil has unique qualities that make it valuable for specific features of restoration projects such as ecotones, levees, and general fill to raise elevations for deep projects before finishing with sediment. However, the Bay Plan lacks policies regarding its use in restoration.

### Proposed policy concepts:

- A. Clarify in policy that use of suitable soil is encouraged in local restoration projects.
- B. Create standardized physical and chemical testing program to determine suitability of upland soils in restoration projects, particularly those in need of specific geotechnical qualities.
- C. Encourage local governments and public agencies to support a soil stockpiling system, such as regional stockpiles that are central to restoration sites, to address the misalignment of soil availability and restoration site readiness.
- D. Provide technical assistance to encourage use of upland soil in subregional shoreline adaptation planning.

### What does this policy do?

1. Acknowledges soil's important role and supports its use in restoration projects.
2. Encourages the creation of regional stockpiles to increase soil availability when restoration sites are ready to retrieve it.
3. Provides clear policy language and direction regarding physical and chemical suitability of upland soils for use in restoration projects.

### Discussion questions:

1. What is an important part of this concept?
2. What is unclear?
3. What is missing?
4. Is there anything you disagree with?
5. What issues do you see with this concept?