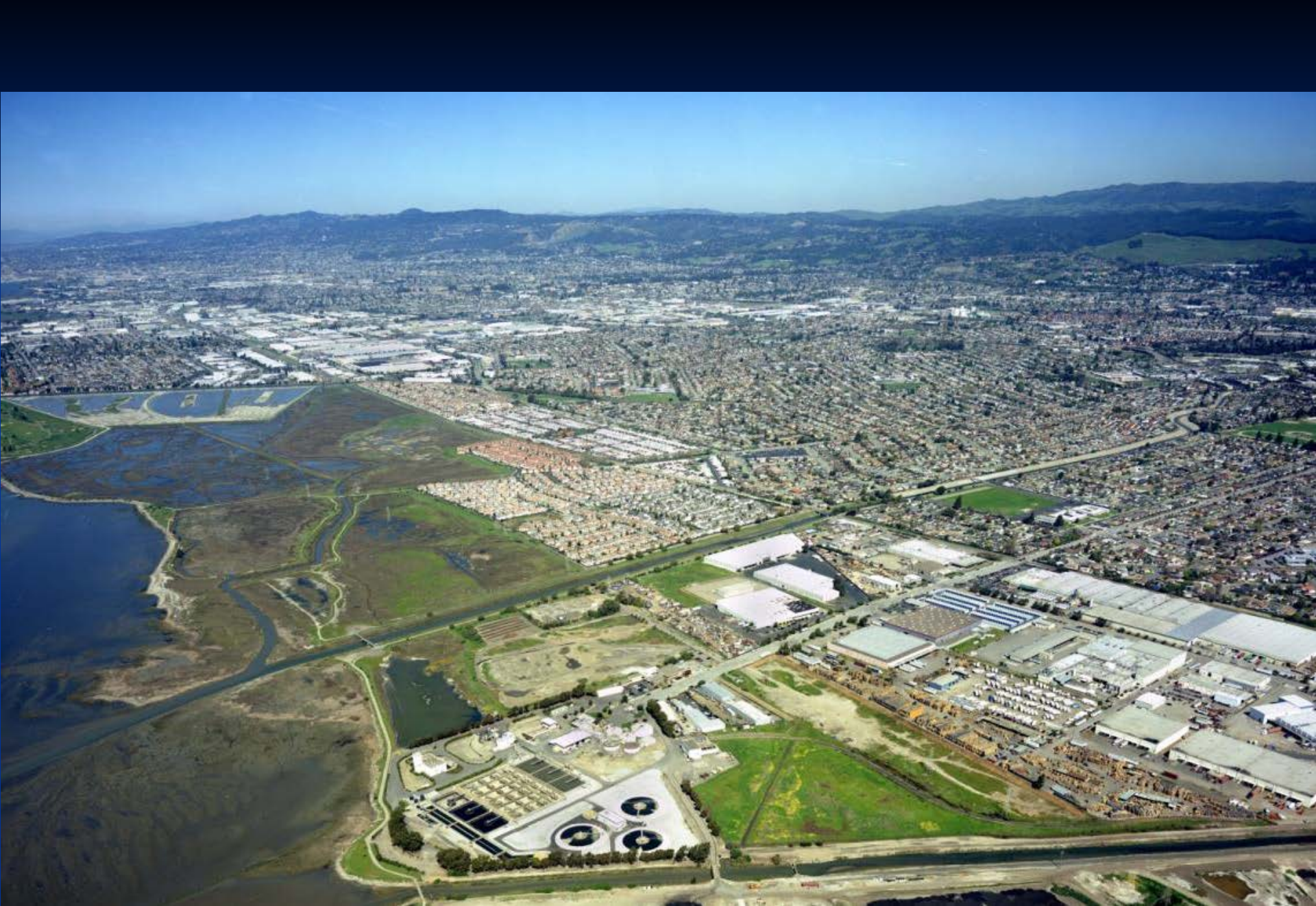


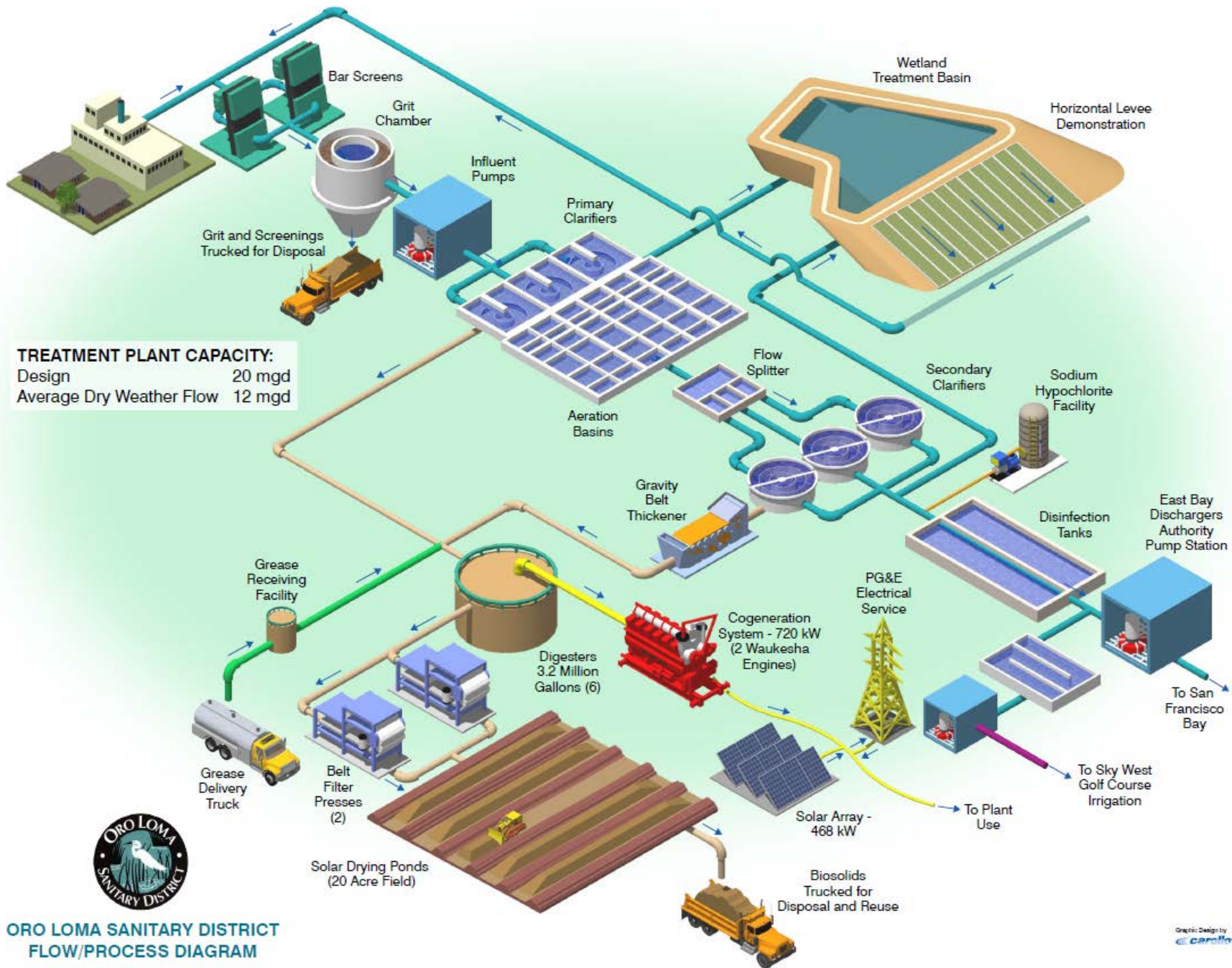
Overview of the Oro Loma/ Castro Valley Horizontal Levee Project – A Vision for our Future?

Jason Warner

General Manager

Oro Loma Sanitary District





TREATMENT PLANT CAPACITY:
 Design 20 mgd
 Average Dry Weather Flow 12 mgd



**ORO LOMA SANITARY DISTRICT
 FLOW/PROCESS DIAGRAM**

Our Shoreline



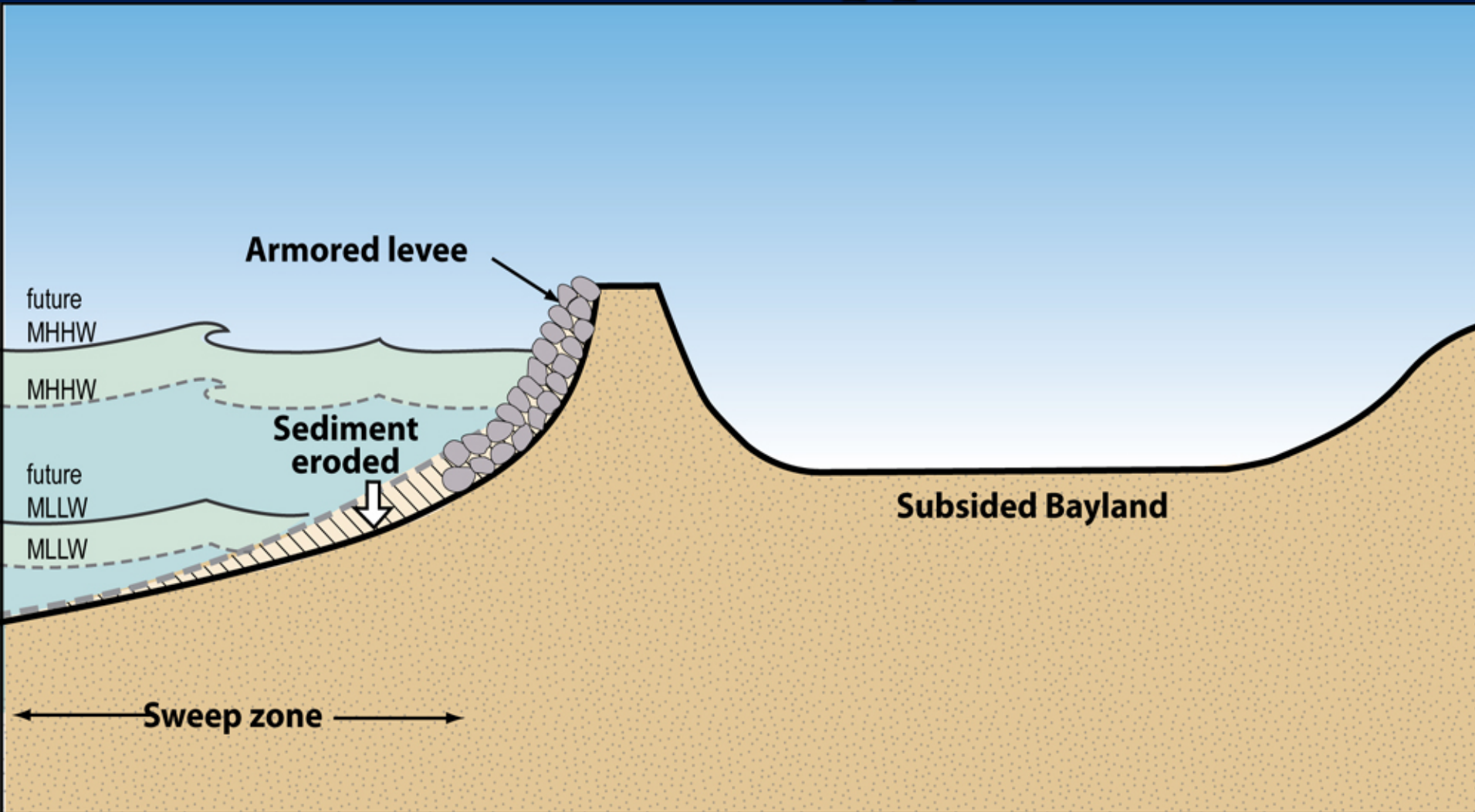
Inundation



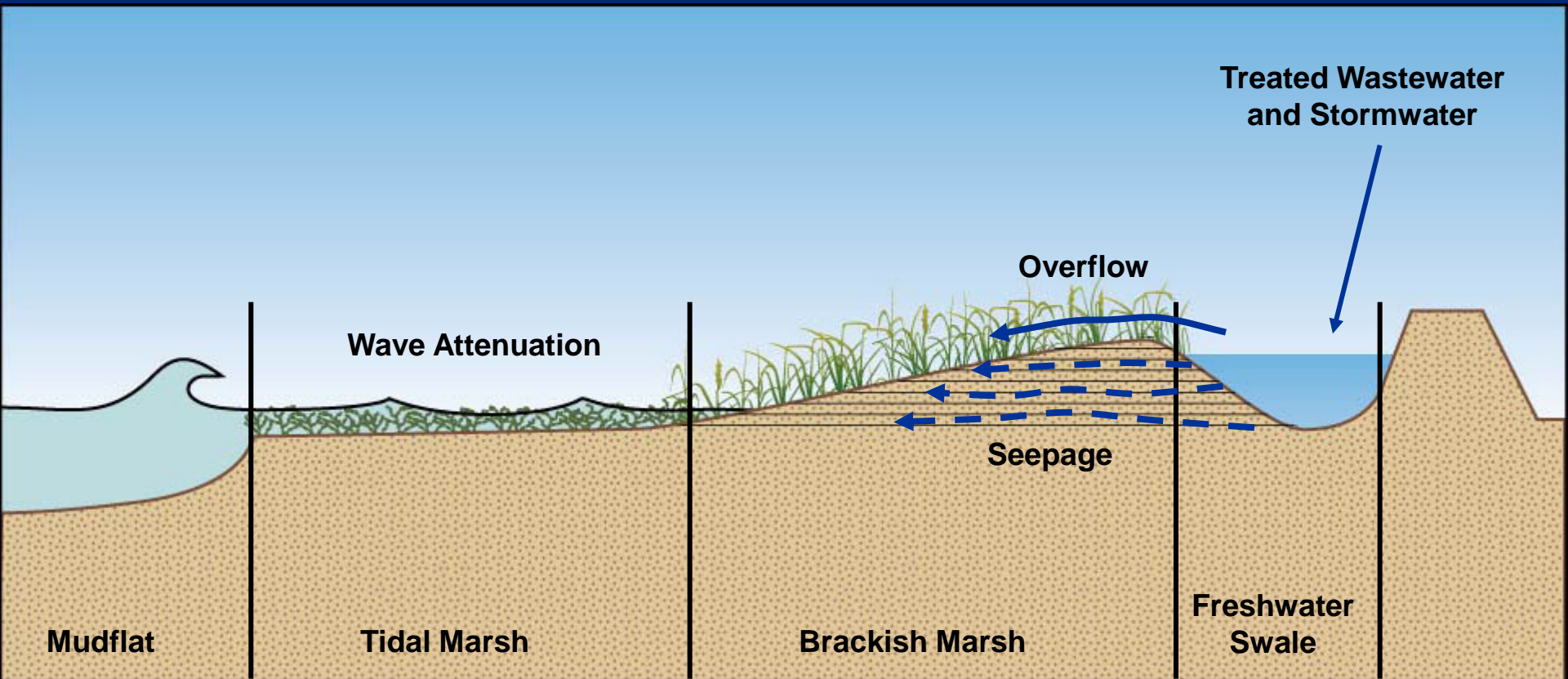
Frank's Dump West - New Year's Eve 2005
8.9 ft tides; 40mph westerly winds

Photo: Mark Taylor

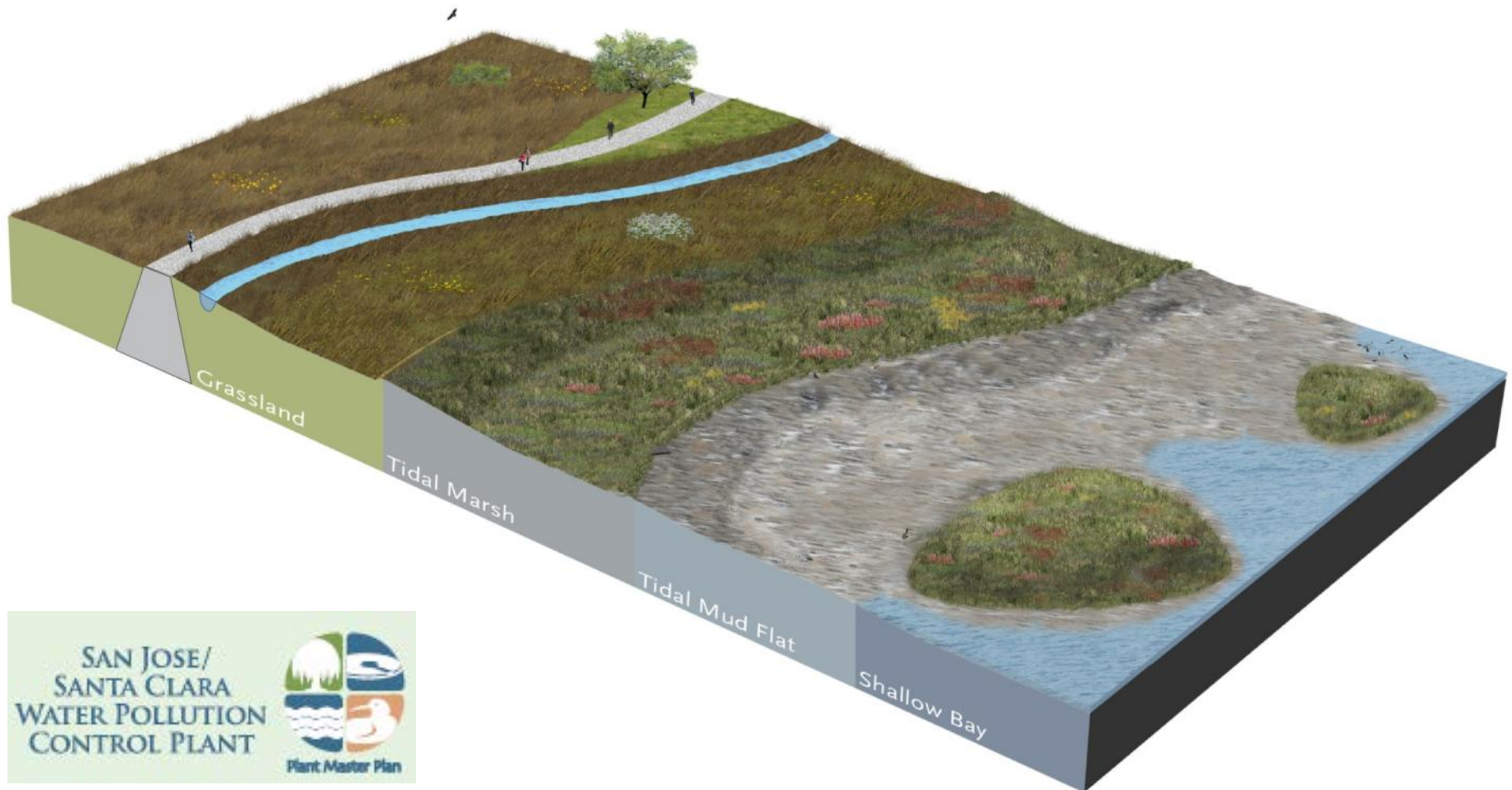
Traditional Approach



Horizontal Levee Concept



Horizontal Levee



SAN JOSE/
SANTA CLARA
WATER POLLUTION
CONTROL PLANT



A Vision for Our Future?



Our Future?



A Perfect Fit for San Leandro?

- A progressive and environmentally minded Council and Mayor
- Need for sea rise response
- Availability of freshwater along shoreline (stormwater and/or treated effluent)
- Nutrient concerns in the Bay
- Availability of sediment and City owned land
- Creation of habitat
- Sustainable, green infrastructure, at modest cost

Thank You