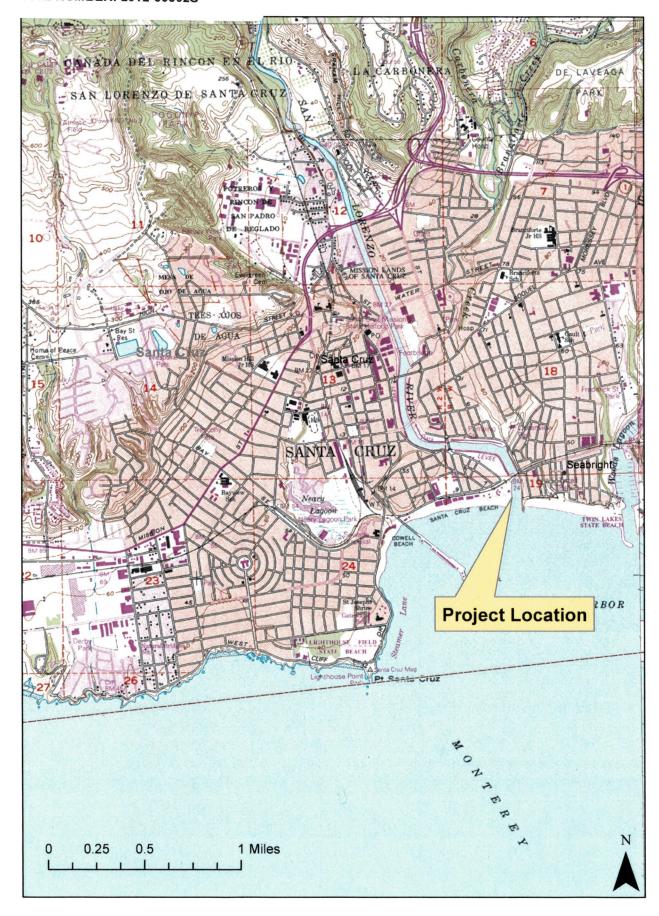
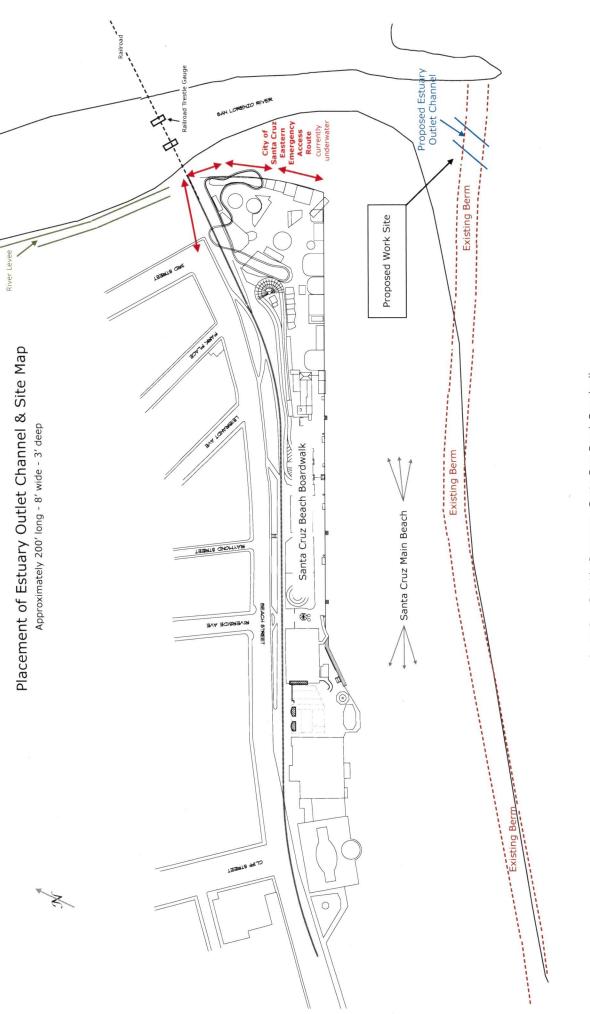
Figure 1. Project Location Mouth of San Lorenzo River City of Santa Cruz, Santa Cruz County, California PUBLIC NOTICE NUMBER: 2012-00092S





Santa Cruz Seaside Company - Santa Cruz Beach Boardwalk 400 Beach Street Santa Cruz, Ca 95060

Figure 2. Project Plan and Drawing Construction of Temporary Estuary Channel Mouth of San Lorenzo River City of Santa Cruz, Santa Cruz County, California PUBLIC NOTICE NUMBER: 2012-00092S

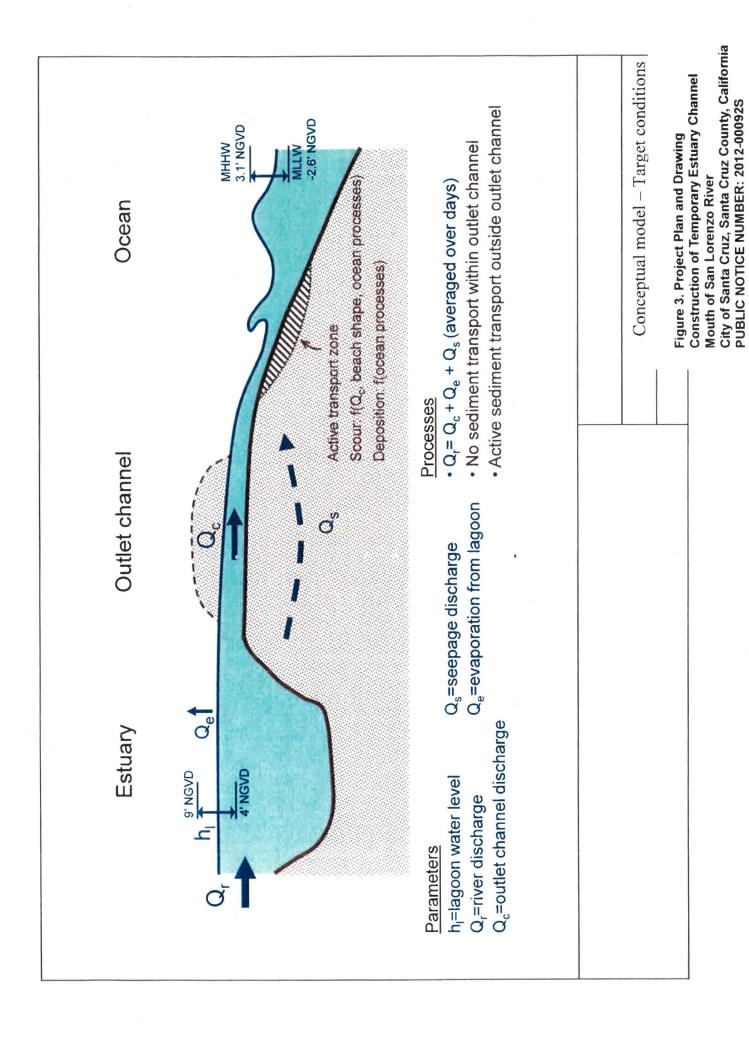




EXHIBIT B.2 Prescribed CDFW Protocal

June 27, 2014 Melissa A. Farinha California Department of Fish and Wildlife Environmental Scientist – Santa Cruz County

Following is a list of California Department of Fish and Wildlife (CDFW) recommended minimization measure developed from out initial site visit yesterday morning:

- The channel should be place at an angle from the shallowest area of the lagoon and should face the appropriate wave-action direction to aid in re-closure.
- Excavation should begin at the ocean side and continue back towards the lagoon.
- Sand bar breaching should be performed during the appropriate period within the daily tide cycle to avoid large differences between lagoon and ocean water surface elevations to keep the lagoon from draining at a pace that would be detrimental to the fishery resource.
- Water quality profile sampling should be done at 0.5-meter intervals in the deepest area (near the train trestle bridge) and should be coordinated with current City of Santa Cruz lagoon monitoring efforts.
 Samples should be taken immediately prior to breaching and for a period at a frequency appropriate to inform impacts assessment for planning and environmental review documents. Water quality parameters to be monitored include: temperature, dissolved oxygen, salinity, depth and upstream surface flow connectivity.
- A Qualified Fisheries Biologist should be on site during breaching activities to monitor for fish stranding.
- Notify CDFW immediately upon discovery of conditions that precipitate a breaching event. Notification should be via email and addressed to Brenda.Blinn@wildlife.ca.gov and Melissa.Farinha@wildlife.ca.gov.
- Water surface elevation should not be reduced to below the 5-foot mark at the staff place on the train trestle bridge.
- The sandbar at the river mouth should be built up to prevent ocean wave over-topping. Wave overtopping causes increases in lagoon water surface elevation and saltwater intrusion.
- Retaining the greatest amount of water depth within the lagoon should be achieved to the maximum extent feasible.
- The maximum amount of freshwater, which is located in the upper elevations within the water column at current conditions and includes inflow from upstream, should be maintained to the maximum extent feasible. CDFW recommends actively transferring water from the bottom elevation of the lagoon to the ocean in order to control water surface elevation in a manner that precludes conditions which precipitate a breaching event. Intakes would be required to meet NFMS fish screen criteria. This recommendation is not an acceptable solution for any future planning efforts.