Ten Year
Salton Sea Management Program
Red Hill Bay Habitat Improvement Project
Conceptual Design

Geothermal access
Buried water pipeline
Berms (of various size)
Water surface elevation
Water movement
Island

Salt water intake forced main
Fresh water intake and settling basins
Alamo River
Hazard drain Fresh water inlet

Submersible pump with forced main line delivering Salton Sea water to the mixing basin

-233 (WSE 2016)
-243 (sea floor)
-230.5 (sea floor)
-230 (playa)
-228
-2250 ft
-775 ft
Priorities

Legend
- Green: Area for Habitat and Dust Mitigation 2018-2023 (11,790 acres)
- Light Blue: Area for Habitat and Dust Mitigation 2023-2028 (14,430 acres)
- White: Potential Reclaimed Agricultural Land (2018-2023)
- Yellow: Water Management Pond 2023-2028 (400 acres)
- Yellow: Water Management Pond (3,450 acres)

Miles

0 1.5 3 6 9 12 15

3 2003 2018 2023 2028

Red Hill Bay

Torres Martinez Wetland Project

1 2 3 4 5
Air Quality

- **Obligations:**
  - Task Force
  - Contractual obligation under
  - Dust mitigation projects in coordination with partners
    - Waterless and water dependent measures
    - Planning and Implementation
- **East and West shores of the Salton Sea in 2018**
Air Quality – Current efforts

- **Methods**
  - Surface roughening
  - Vegetation Enhancement
  - Surface Stabilizer