

SALTON SEA PROGRESS OVERVIEW



SALTON SEA AUTHORITY

- What is the SSA? Who are the members?
- When was it created, and by whom?
- Why was it created and what is its mission?



STATUS OF THE SALTON SEA

- Status Quo = declining ecology & economy
- North America's largest and most diverse migratory bird habitat outside the Everglades
- Salinity approaching 2 x ocean
- Algae blooms in Sea occasionally kill fish
- Water transfers in 2017: reduced inflow
- Less inflow: shoreline will shrink
- Exposure of nearly 100 sq miles of playa
- Air quality decline: odors and dust



SIGNIFICANT PROGRESS AT THE SEA

- Breakthroughs in cooperation
- Governance clarified
- Policy enhanced
- Funding expansion



SALTON SEA MANGMENT PROGRAM 10 YEAR PLAN

- Realistic, Feasible, Actionable
- Shovel-ready projects
- Ready available funding
- Not perfect or complete, but good first step



SSMP 10 YEAR PLAN DESIRED OUTCOMES

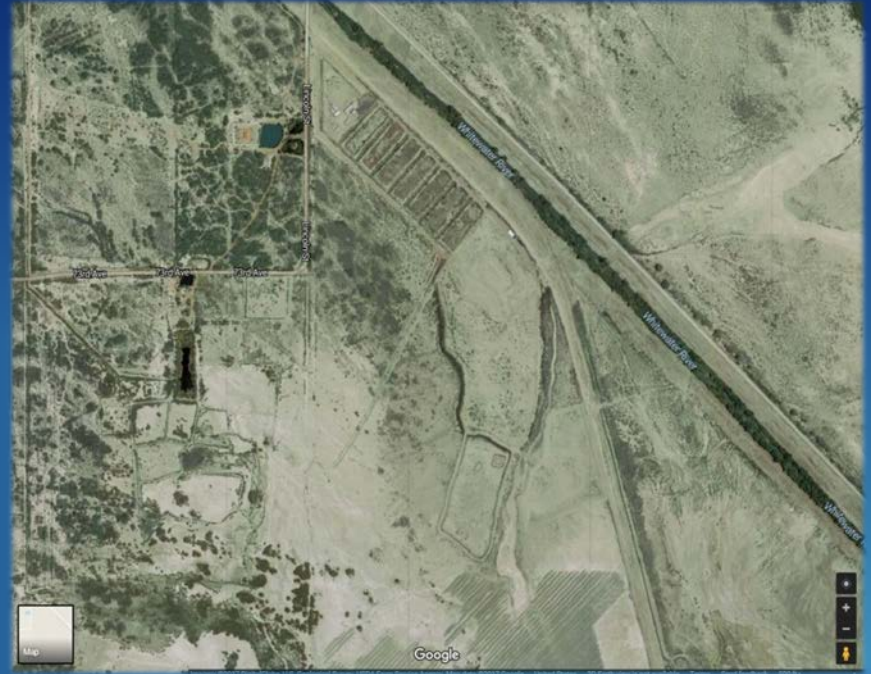
- **Meet Task Force goals by 2028**
- **Concentrate design and construction for habitat and dust mitigation**
- **Implement longer term solution at the Sea**
- **Enhance coordination among stakeholders**

NEAR-TERM DESIGN & CONSTRUCTION

- **Current projects**
 - SSA/Torres Martinez Wetland
 - Red Hill Bay
 - New River East - (SCH)
- **Proposed 2018 and 2019**
 - New River West
 - Whitewater River

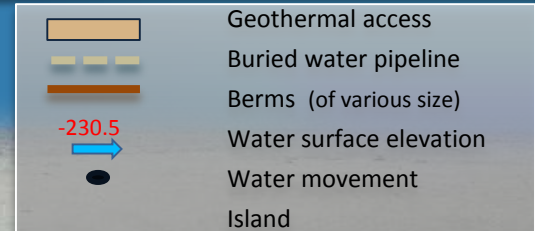
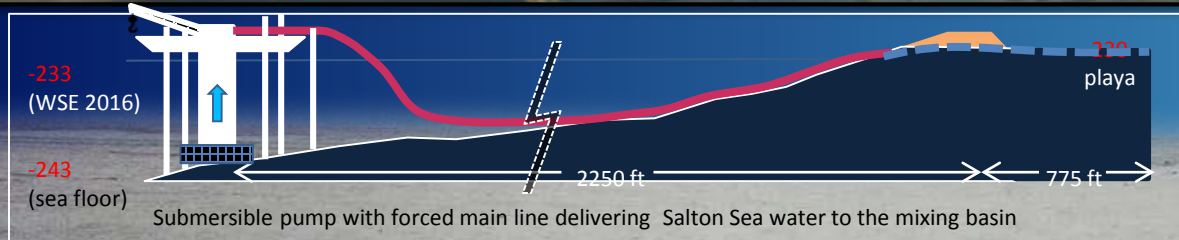
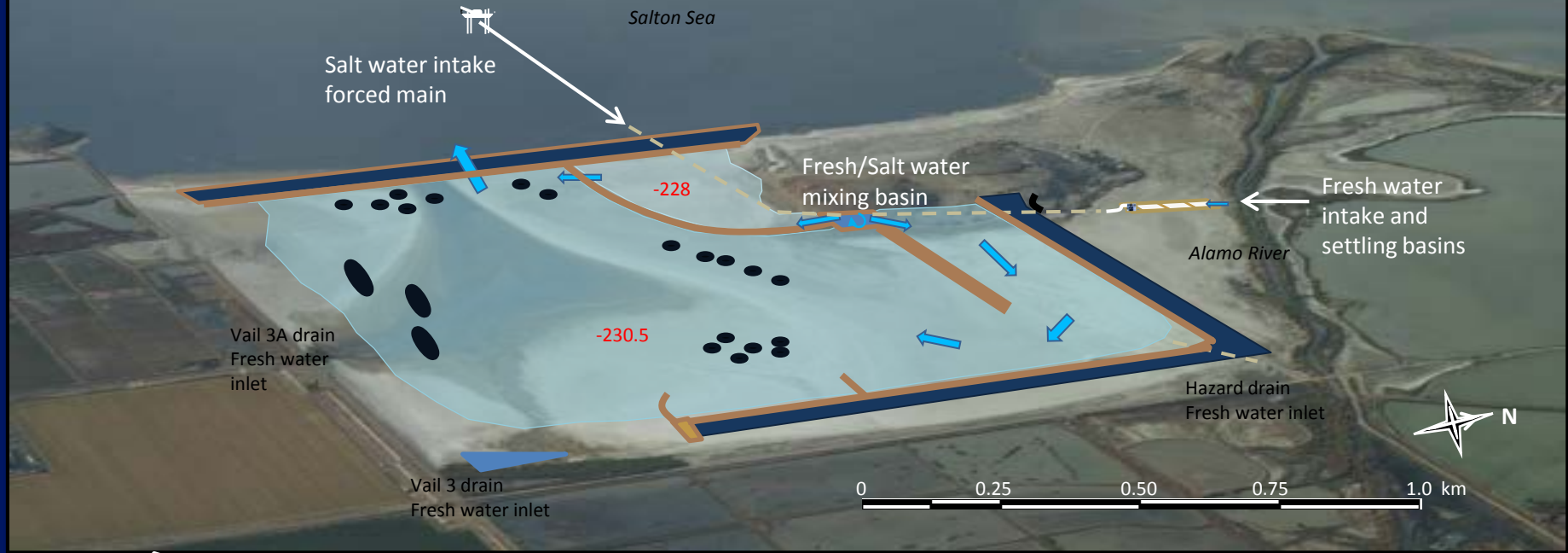


TORRES MARTINEZ WETLAND PROJECT

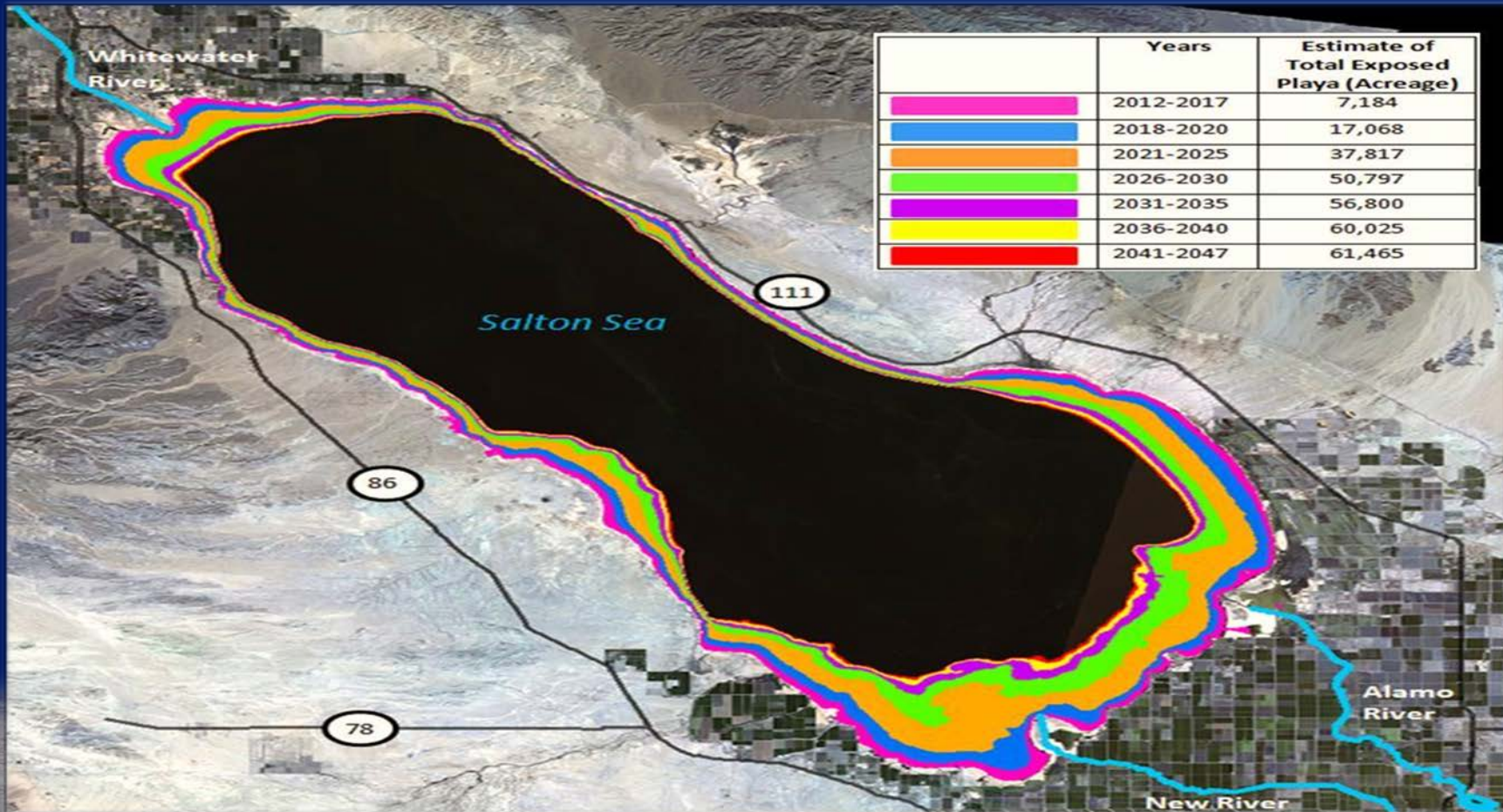


RED HILL BAY PROJECT

Conceptual Design



ESTIMATED TOTAL PLAYA EXPOSURE



AIR QUALITY

- **Contractual obligation under the QSA**
- **Dust mitigation projects**
 - Waterless and water dependent measures
 - Planning and Implementation
- **East and West shores of the Salton Sea in 2018**

NEW RIVER EAST - (SCH)



AIR QUALITY – CURRENT EFFORTS

• Methods

- Surface roughening
- Vegetation Enhancement
- Surface Stabilizer



AVAILABLE FUNDING

- **Water Bond (Proposition 1)**
- **Wildlife Conservation Board**
- **U.S. Department of Agriculture**



POTENTIAL FUNDING SOURCES

- **Water Transfer Joint Powers Authority**
- **DOI/CNRA Memorandum of Understanding**
- **Philanthropic Organizations**
- **Water Resource Development Act Funding**
- **USDA Partnerships & Funding**
- **Additional State (SB 5) & Local Funding**



[HTTP://RESOURCES.CA.GOV/SALTON-SEA](http://resources.ca.gov/salton-sea)

[HTTP://SALTONSEAAUTHORITY.ORG](http://saltonseaauthority.org)

