

SALTON SEA MANAGEMENT PROGRAM PHASE I: 10-YEAR PLAN IMPLEMENTATION

Public Workshop

June – July, 2017

<http://resources.ca.gov/salton-sea/>



OVERVIEW

- **State Obligations under the SSMP**
- **What is the Phase I ten-year plan?**
- **Our Partners**
- **Our Projects**
- **Implementation Plan**
- **Air Quality**
- **Future plans: area of focus, schedule, and funding**

STATE OBLIGATIONS UNDER SSMP

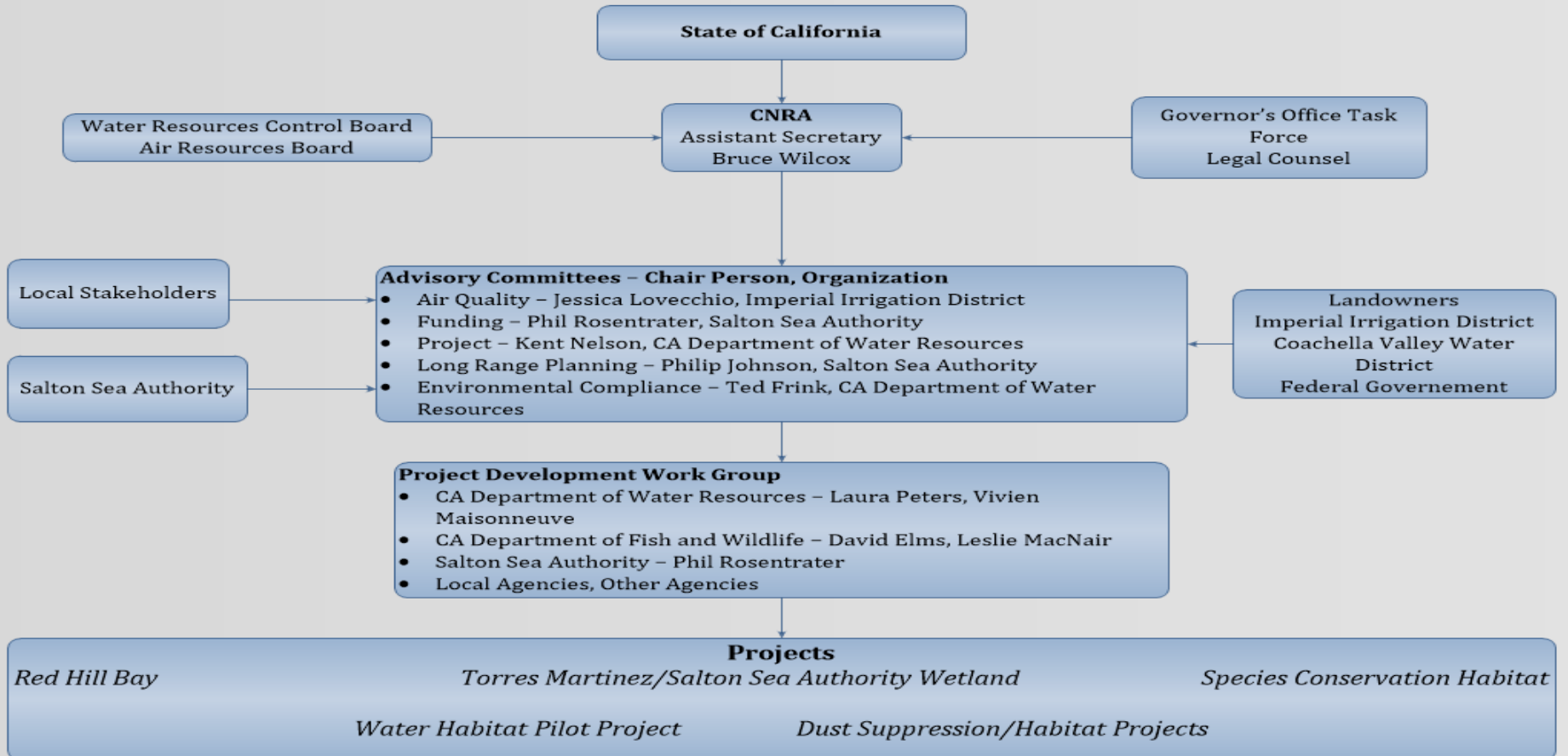
- **Legislative**
- **Contractual**
- **Section 2940 Fish and Game Code**
- **Salton Sea Task Force**
- **CNRA and DOI Memorandum of Understanding (MOU)**

SSMP PHASE I TEN YEAR PLAN

- **Phase I of SSMP**
- **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**

Salton Sea Program Management
Phase 1 Ten-Year Plan

June - July, 2017



NEAR-TERM DESIGN & CONSTRUCTION

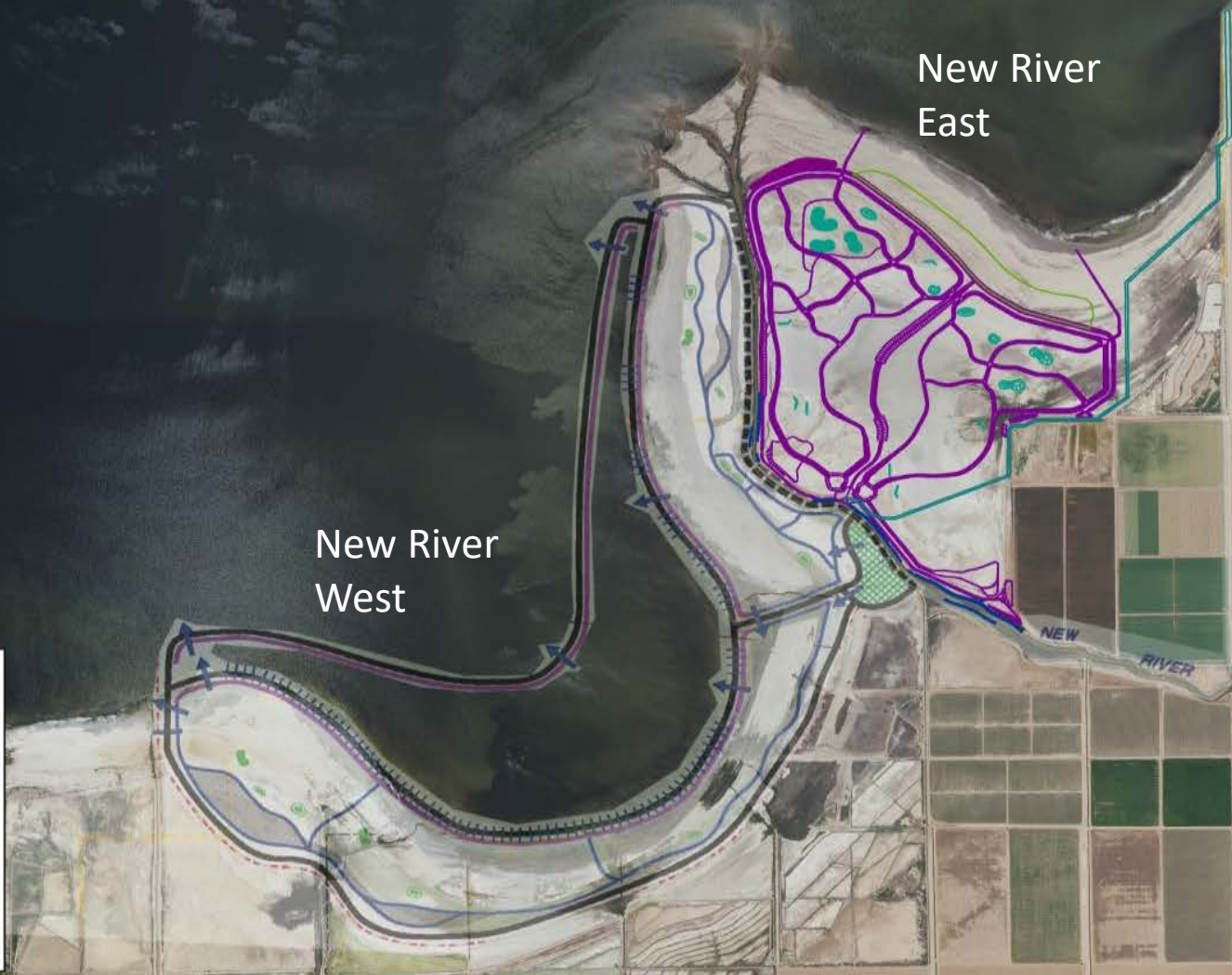
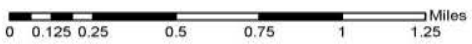
- **Current projects**
 - New River East – (SCH)
 - Red Hill Bay
 - Torres Martinez/SSA Wetland
- **Proposed 2018 and 2019**
 - New River West
 - Whitewater River

New River
East

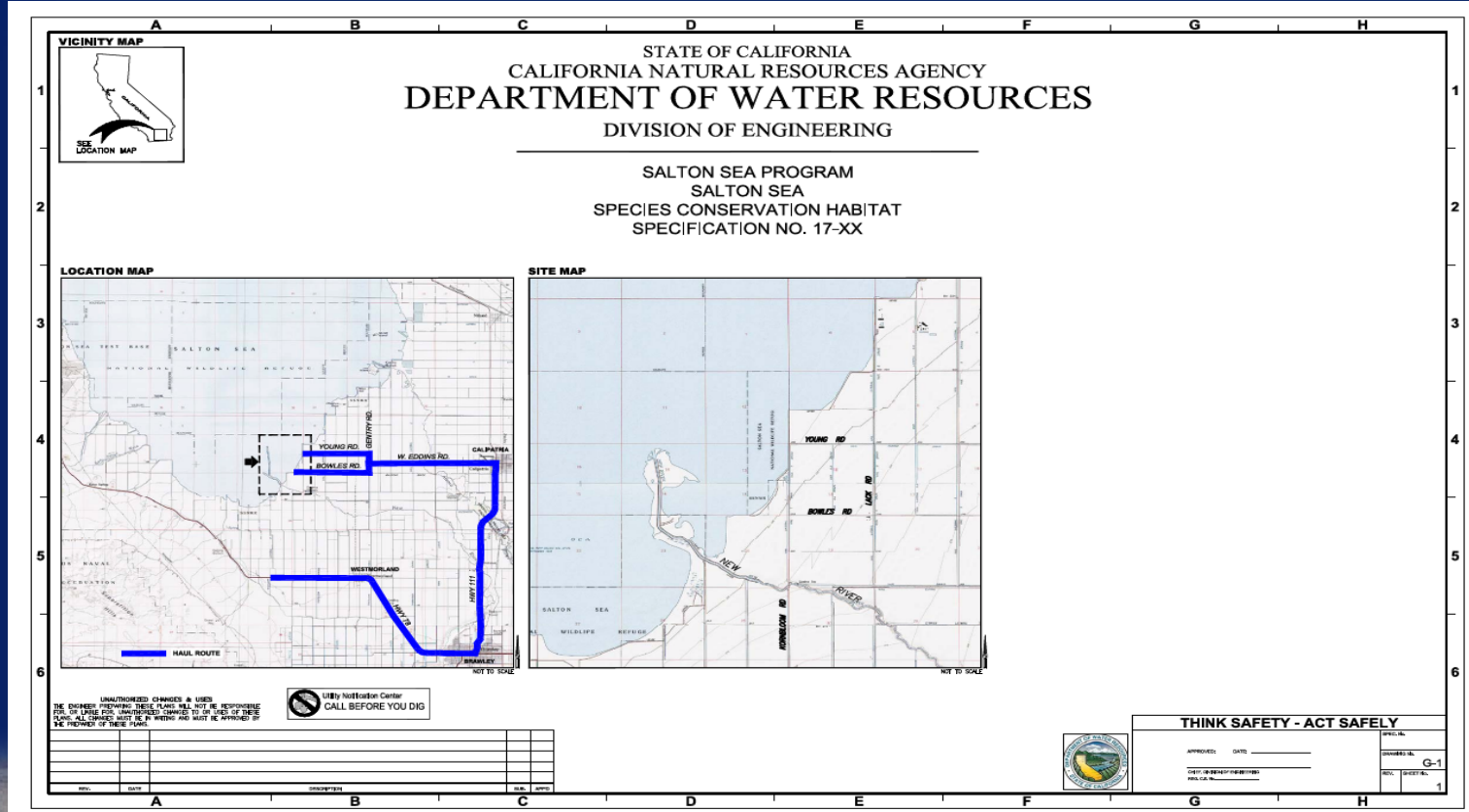
New River
West

**SPECIES CONSERVATION HABITAT
ALTERNATIVE 3
2016 IMAGERY**

- Dredging Spoils Disposal Area
- Force Main
- Material Stockpile Areas
- New River Levee Improvements
- Habitat Islands
- Berms, Channels, Sed Basin, DD, Grading

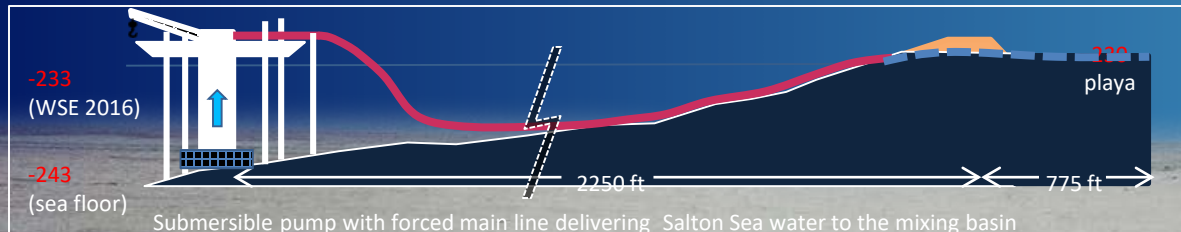
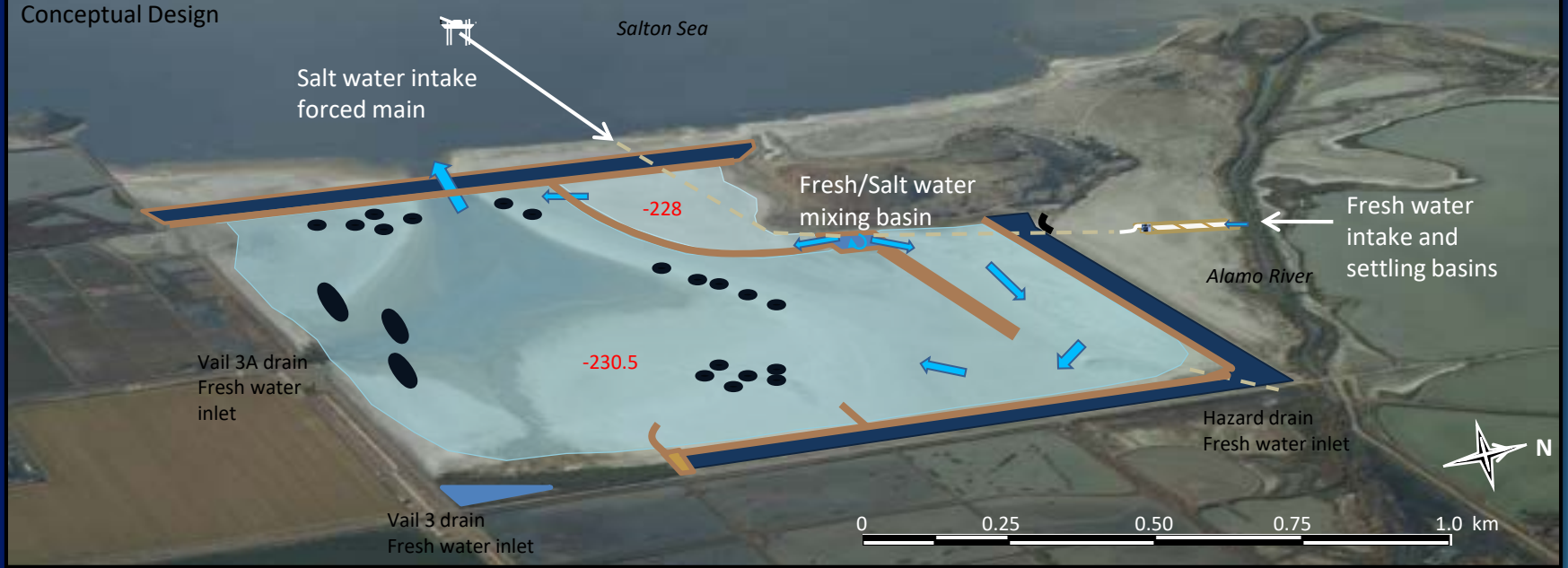


SPECIES CONSERVATION HABITAT (SCH) PHASE 1



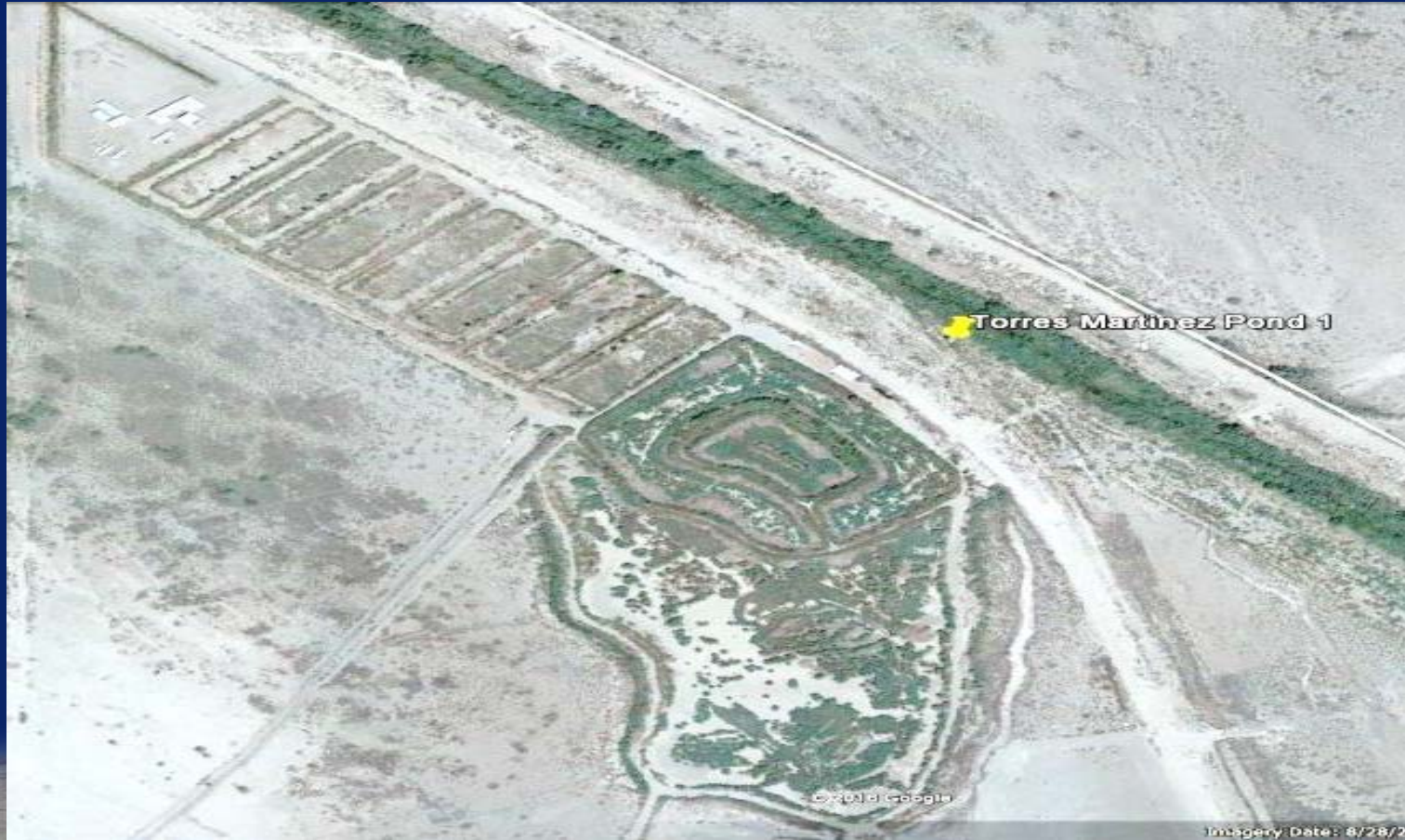
Red Hill Bay Habitat Improvement Project

Conceptual Design



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

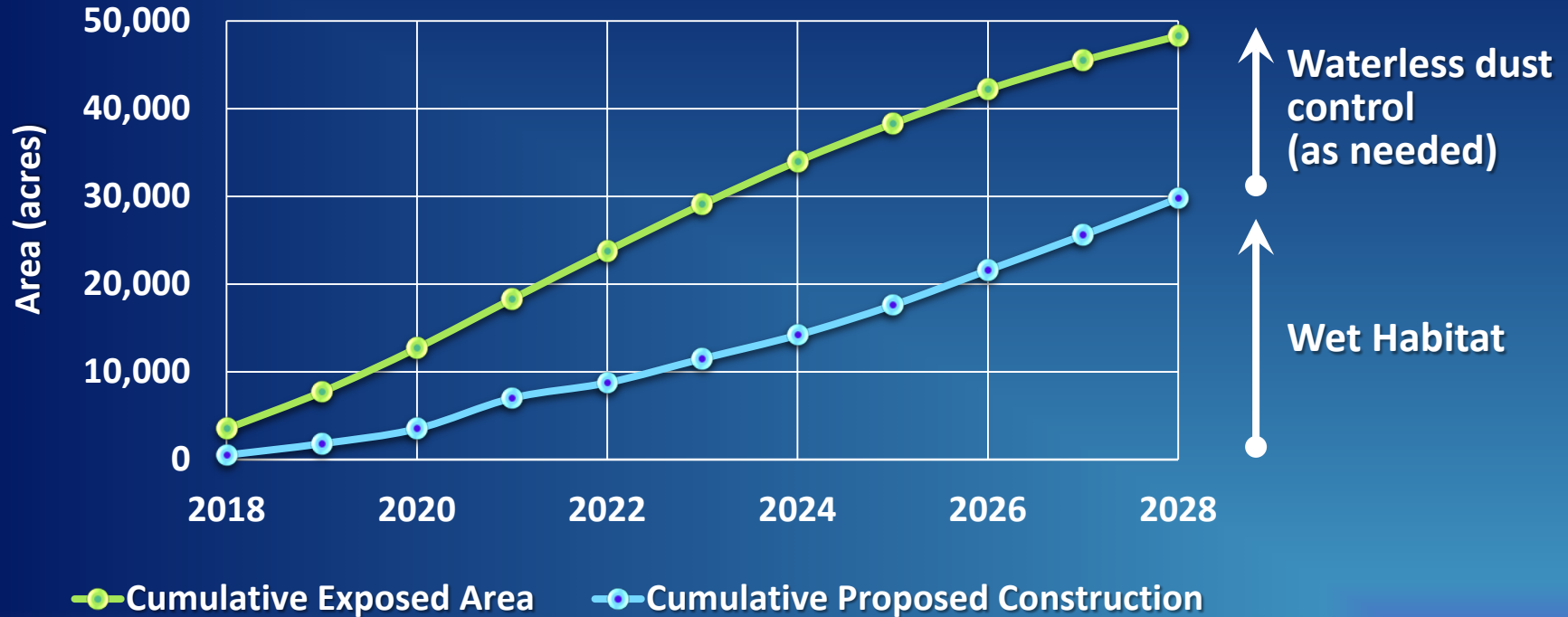
TORRES MARTINEZ WETLAND PROJECT



PHASE I: 10-YEAR PLAN OVERVIEW (WORK PLAN)

- Introduction and background
- Criteria for water backbone delivery infrastructure
- Criteria for habitat and later phases
- Adaptive design, monitoring and contingencies
- Public input and transparency
- Projected cost and funding
- Implementation

ACREAGE GOALS



AIR QUALITY

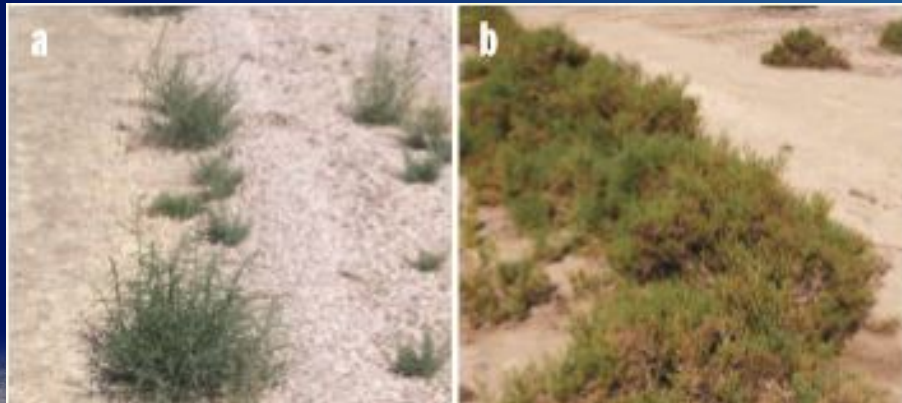
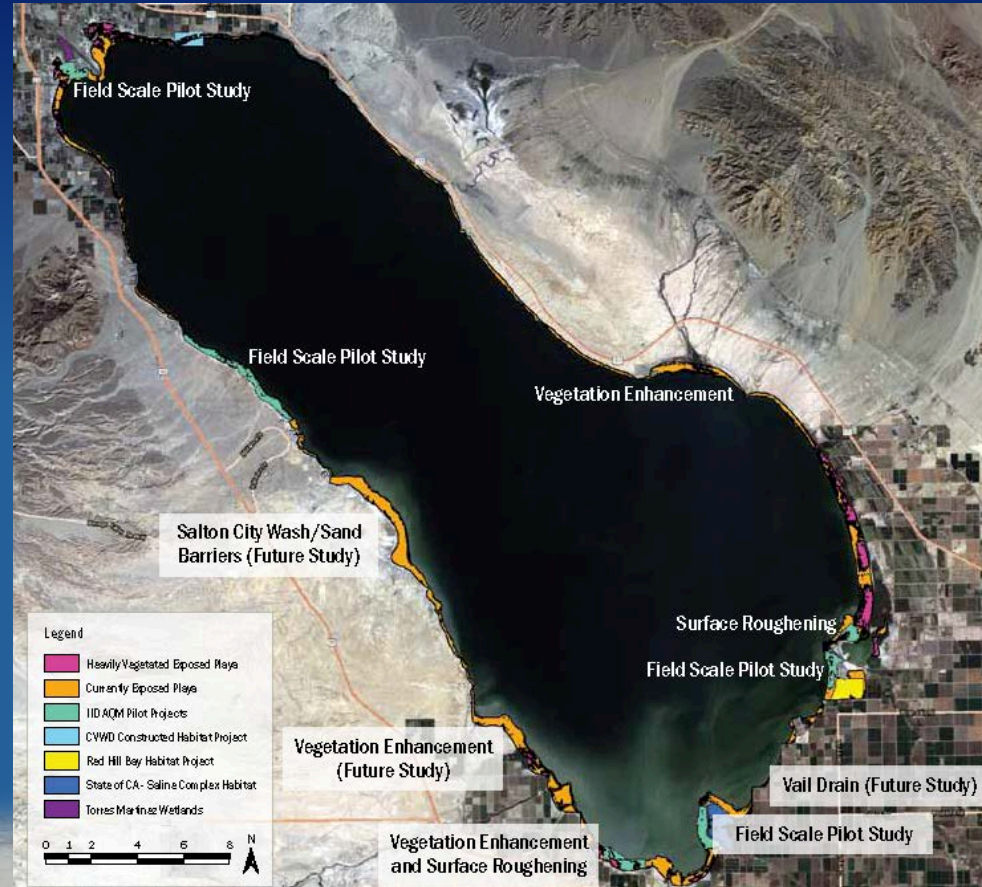


- **Obligations:**
 - Task Force
 - Contractual obligation under the QSA
- **Dust mitigation projects in coordination with partners**
 - Waterless and water dependent measures
 - Planning and Implementation
- **East and West shores of the Salton Sea in 2018**

AIR QUALITY – CURRENT EFFORTS

- **Methods**

- Surface roughening
- Vegetation Enhancement
- Surface Stabilizer



AIR QUALITY

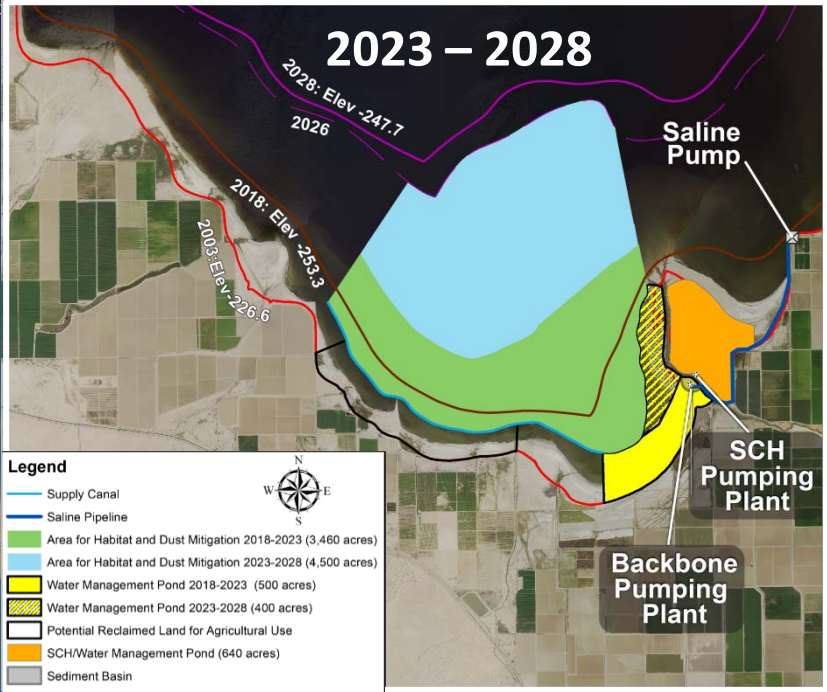
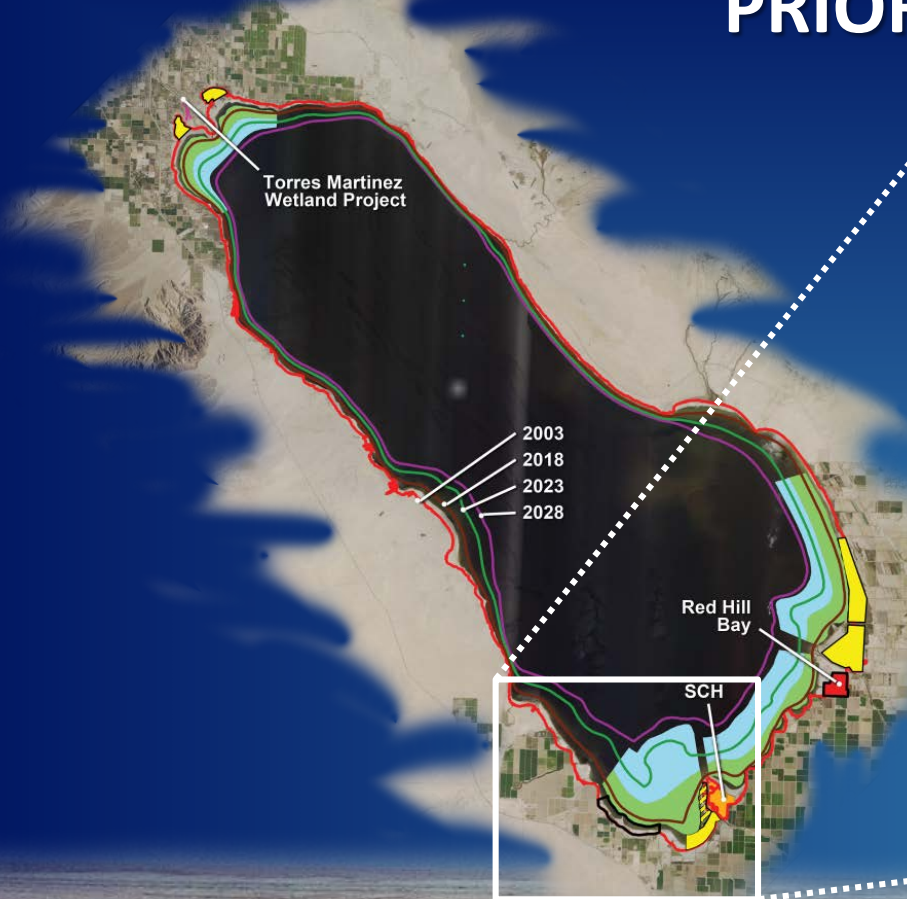
- **Resources**

- <http://www.iid.com/water/library/qsa-water-transfer/mitigation-implementation/air-quality-mitigation>
- <http://www.water.ca.gov/saltonsea/>
- <http://www.co.imperial.ca.us/AirPollution/>
- <https://www.arb.ca.gov/desig/adm/basincnty.htm>

FOCUS AREAS

- **10-Year plan focuses on key components and locations**
 - New River East & West
 - Whitewater River
 - Alamo River North & South
- **Priorities because of proximity to water sources & completed environmental clearance**
- **Water delivery infrastructure**

PRIORITIES



PRIORITIES

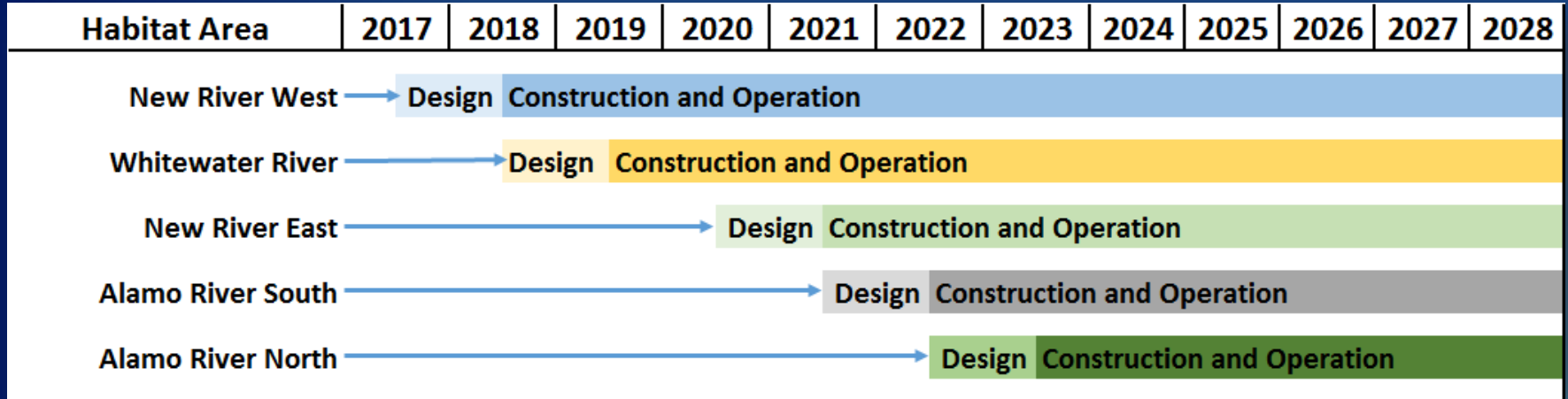


Legend

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

0 1.5 3 6 9 12 15 Miles

CONSTRUCTION SCHEDULE



10-YEAR PLAN IMPLEMENTATION STRATEGY

1. Continue developing water management design criteria
2. Evaluate habitat locations & types
3. Refine conceptual design options for playa land uses
4. Refine assessment tools for SSMP playa treatments
5. Evaluate SSMP environmental compliance needs
6. Compare & evaluate habitat designs to existing draft Habitat Conservation Plans (HCPs)
7. Plan & implement air quality projects
8. Plan & implement harbor & ancillary facilities

IMPLEMENTATION PLAN TIMELINE

- **Draft Plan** **Late Summer**
- **Next Workshop** **Early Fall**
- **Comment Period** **Fall**
- **Final Implementation Plan** **End of 2017**

AVAILABLE FUNDING

- **Water Bond (Proposition 1)**
- **Wildlife Conservation Board (Proposition 50)**
- **U.S. Department of Agriculture**

POTENTIAL FUNDING SOURCES

- **Water Transfer Joint Powers Authority**
- **DOI/CNRA MOU**
- **EPA**
- **Philanthropic Organizations**
- **Water Resource Development Act Funding**
- **USDA Partnerships & Funding**
- **Additional State & Local Funding**

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