

NORTH LAKE PILOT DEMONSTRATION PROJECT UPDATE

THURSDAY JUNE 22ND

SALTON SEA AUTHORITY
COUNTY OF RIVERSIDE

IN PARTNERSHIP WITH THE SALTON
SEA MANAGEMENT PROGRAM

PROJECT PARTNERS



County of Riverside



Salton Sea Authority



CA Natural Resources



CA Dep of Fish & Wildlife



CA Dep of Water Resources

WHAT IS THE PROJECT?



The construction of approximately 156-acre lake at the North end of the Salton Sea



Will create a shallow and deep-water habitat for fish and birds



Funded by Proposition 68: \$19.25 Million

PROJECT FOOTPRINT



PROJECT CONCEPT



PROJECT UPDATE



**CONTRACT
AWARDED TO
DUDEK**



**WATER SUPPLY
ANALYSIS -
COMPLETED**



**RIGHT OF WAY
ENTRY PERMITS -
GRANTED**

DUDEK SCOPE



Preliminary
design



Technical
Analysis



Engineering
estimates and
specifications



Geotechnical
Assessments



Biological
Evaluation



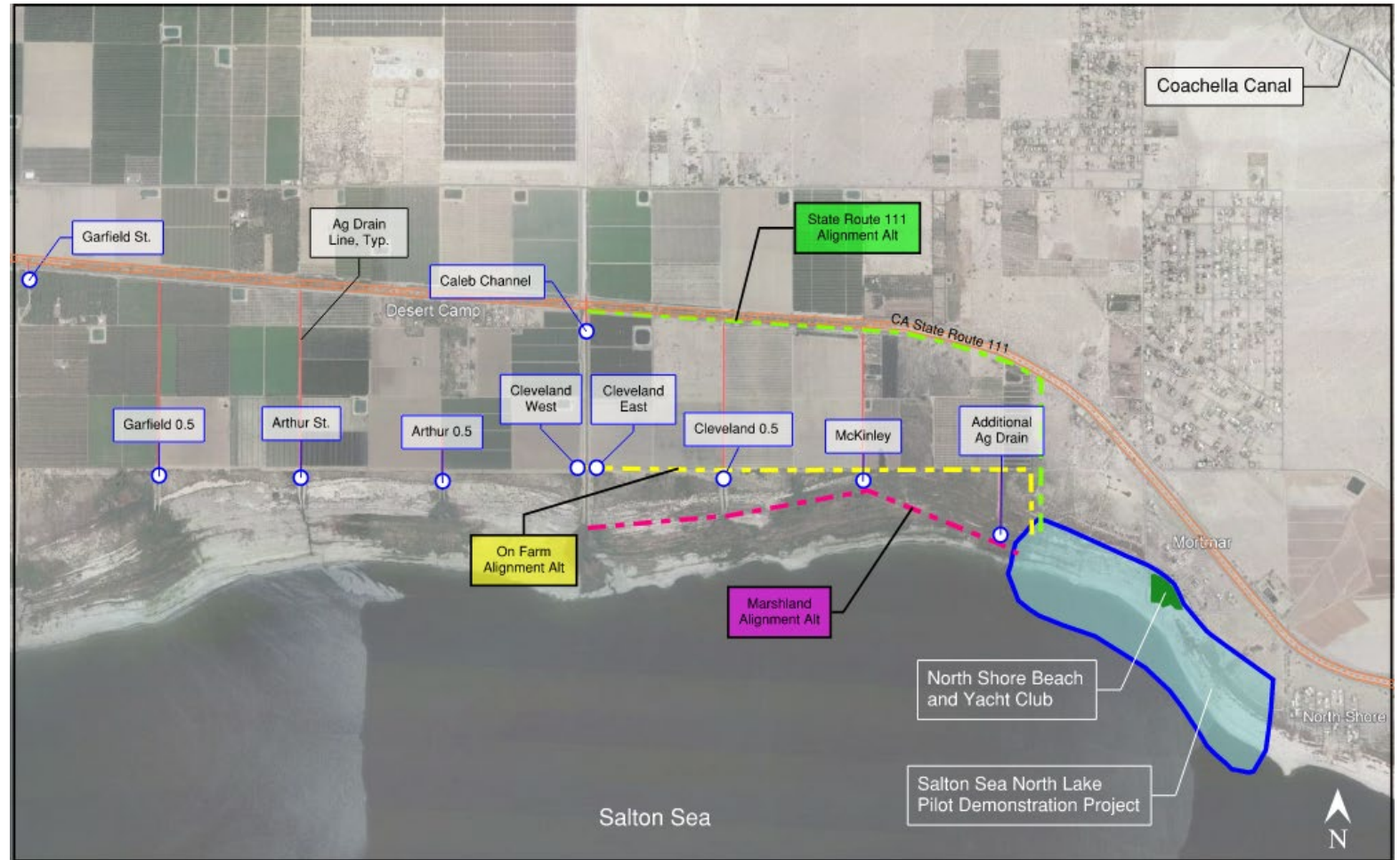
Water Supply
Agreement



Property
Access
Planning

WATER SUPPLY ANALYSIS

- Water Demand for project is 1,900-2,600-acre feet per year.
- Hybrid approach of Drain water and Ground water is preferred
- 10 CVWD Drains were identified as potential water supply sources
- Constructing a backbone pipeline from the drain to the project inlet via a conveyance system will be required



RIGHT OF WAY PERMITS

- Land access is necessary to commence geotechnical studies for the project within BLM and IID land.
- Geotech studies are vital to adequately characterize the geologic conditions within the exposed lakebed area for determining appropriate dredging and berm construction.
- Approval granted by both BLM and IID

UPCOMING ACTIVITIES

- Community Outreach
- Geotechnical Investigations
- Water Supply Assessments
- Surveys
- Project Conceptual Design

*END OF
PRESENTATION*