

# North Lakes at the Salton Sea

## Salton Sea Summit

By

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**With thanks to Tetra Tech**

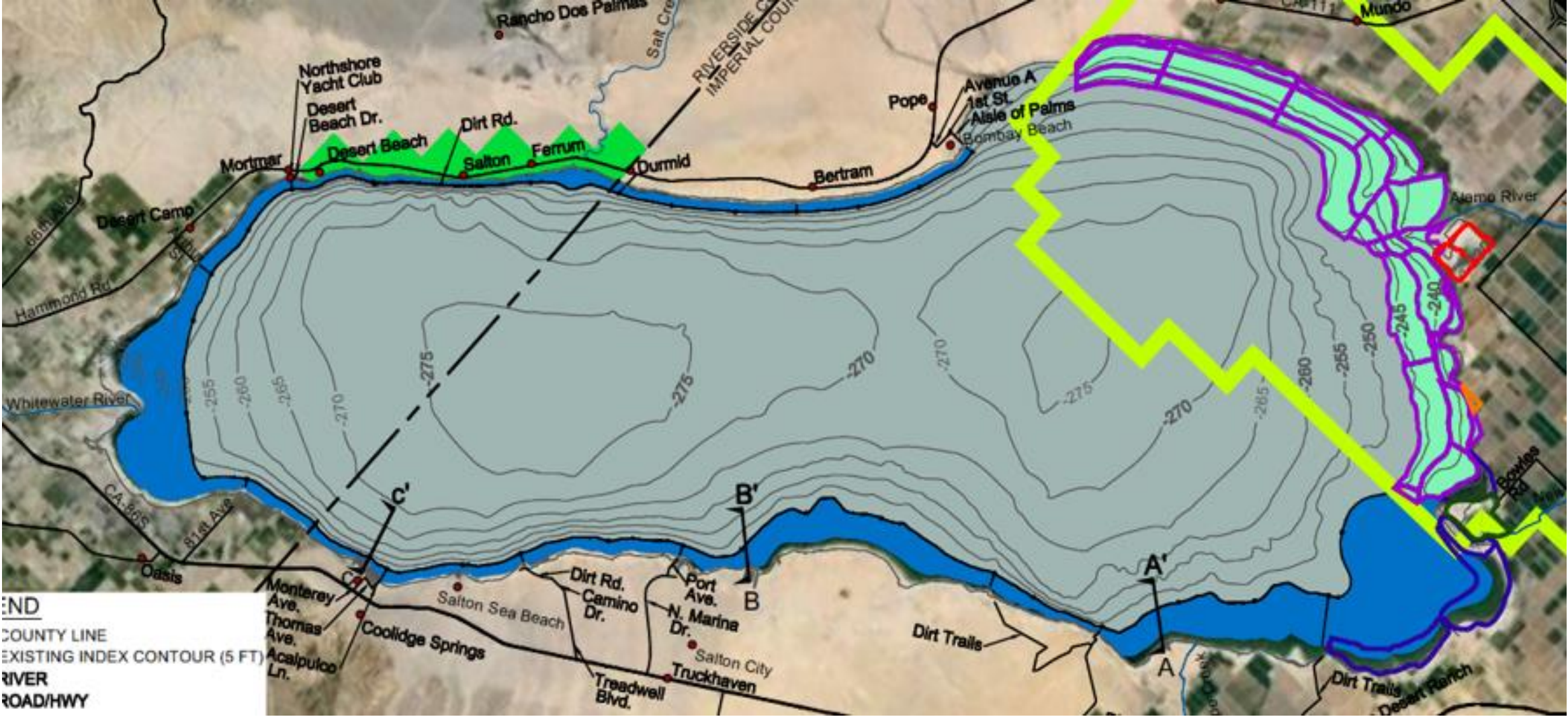
*Greetings from*

*Salton Sea*



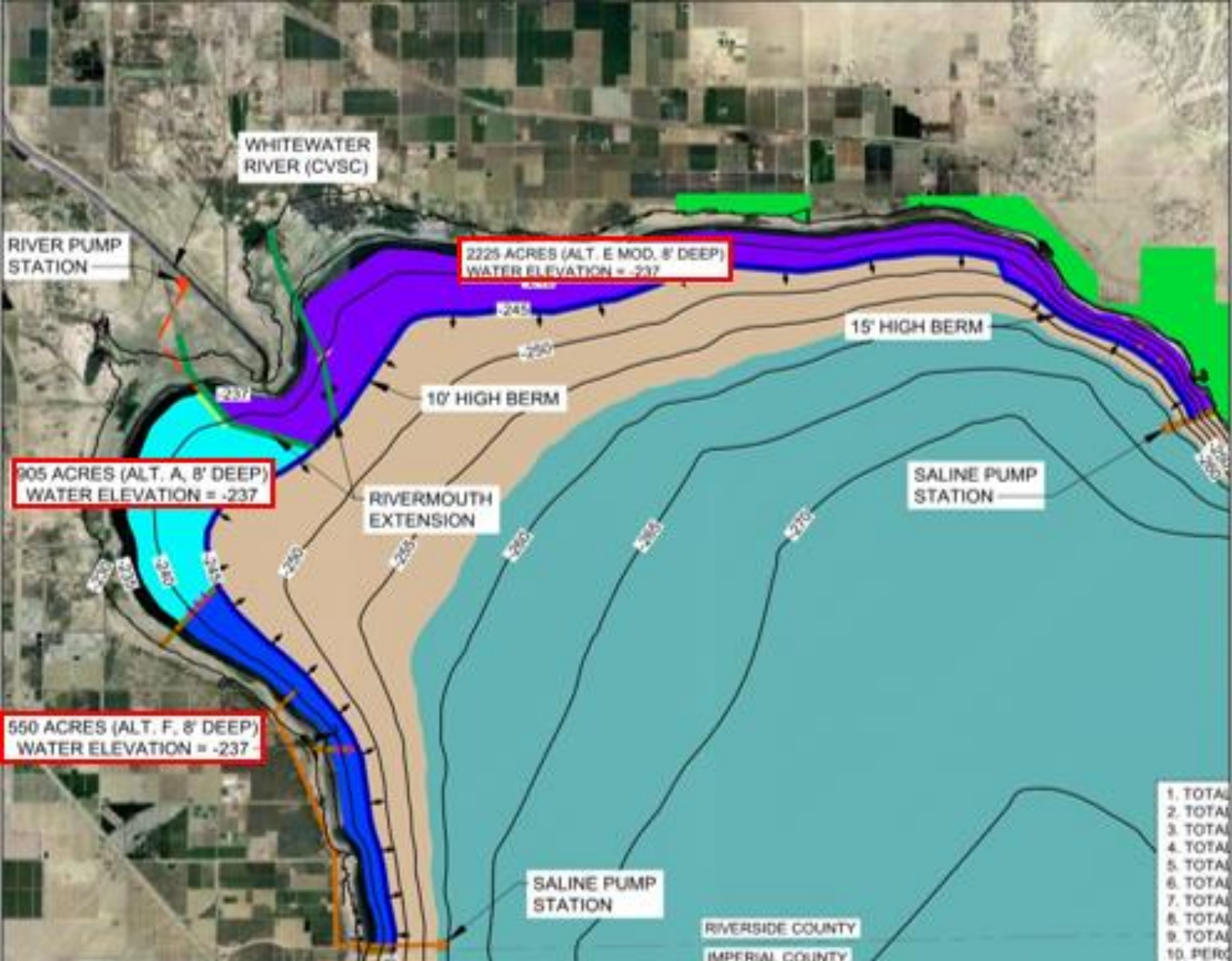


# Perimeter Lake

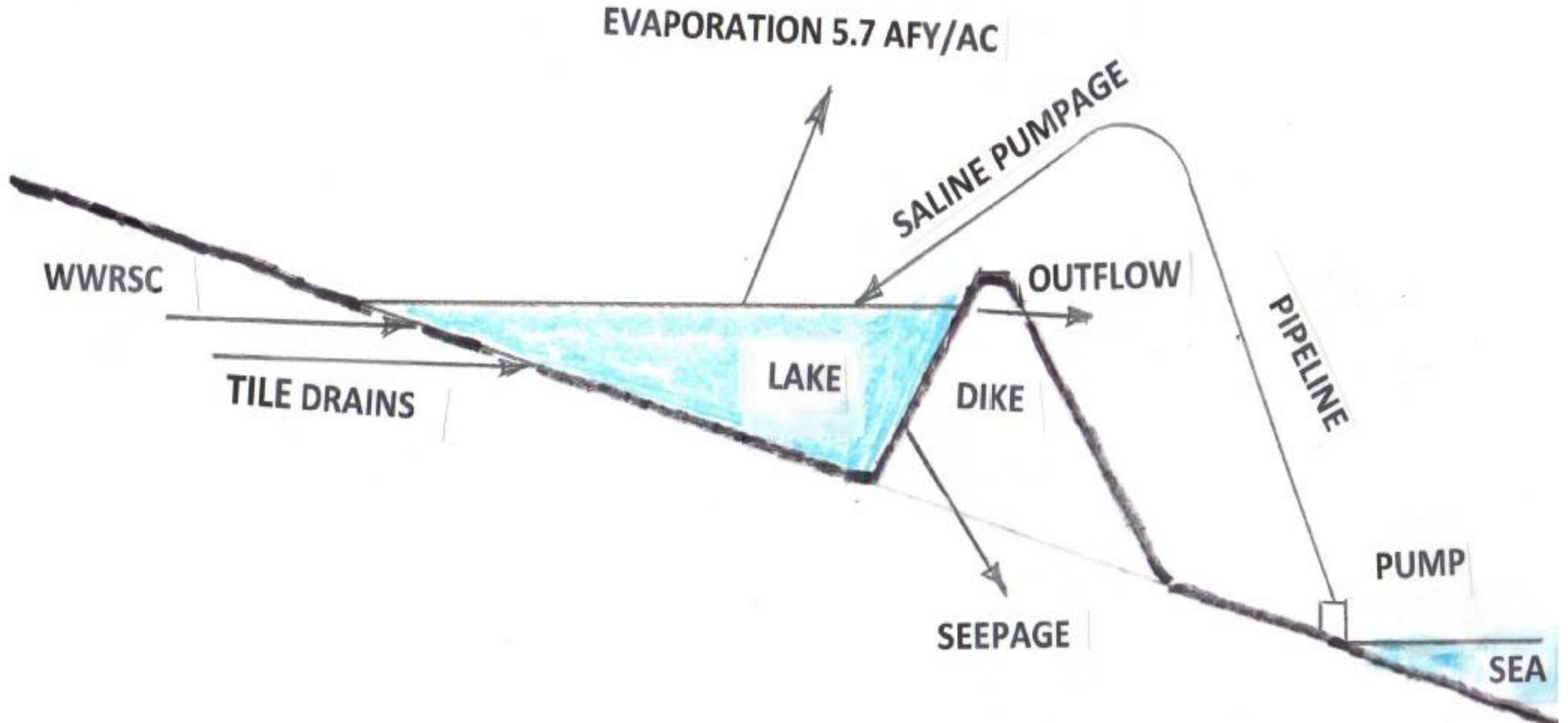




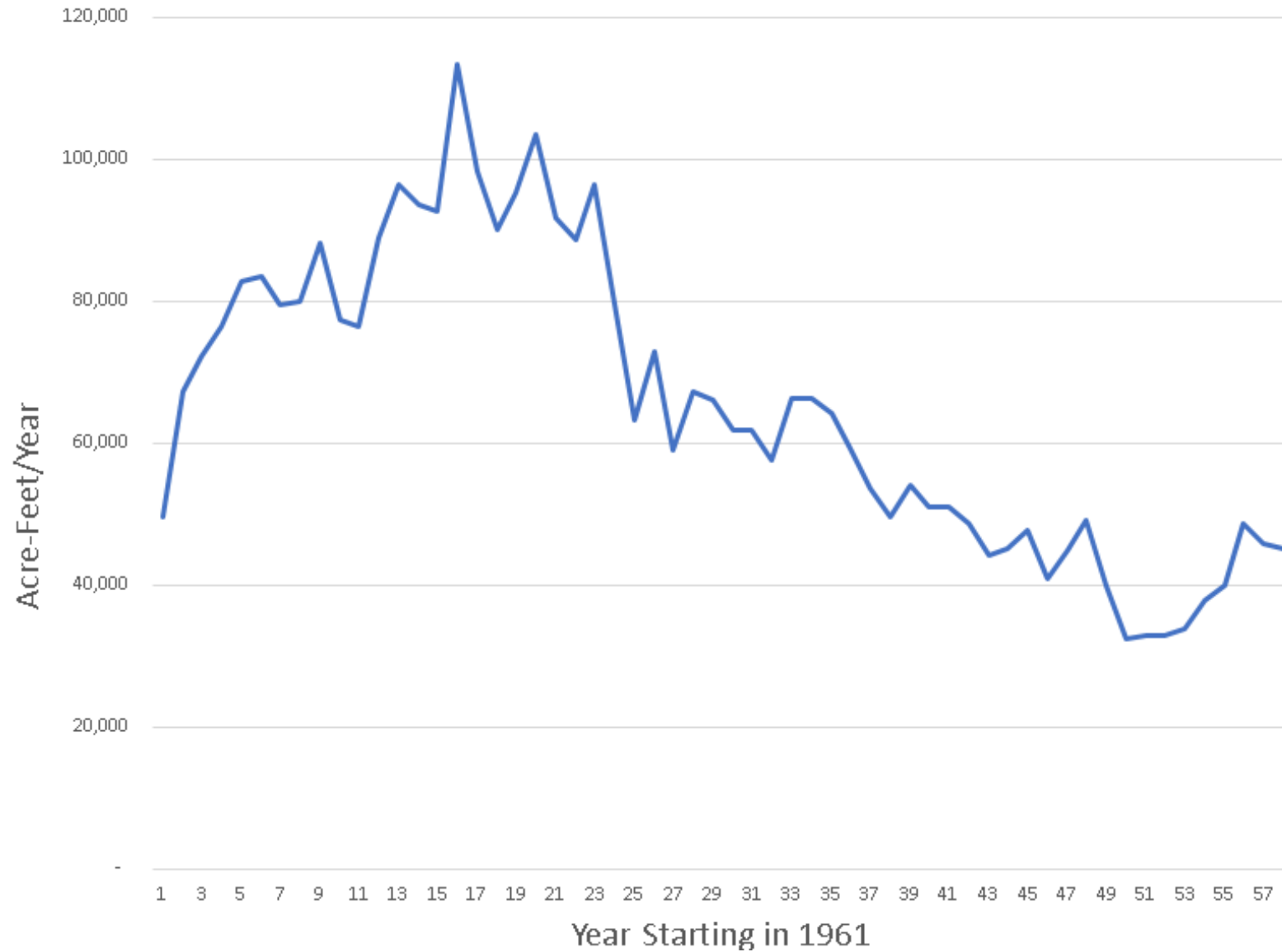
# North Lake Concept



# Flow Model

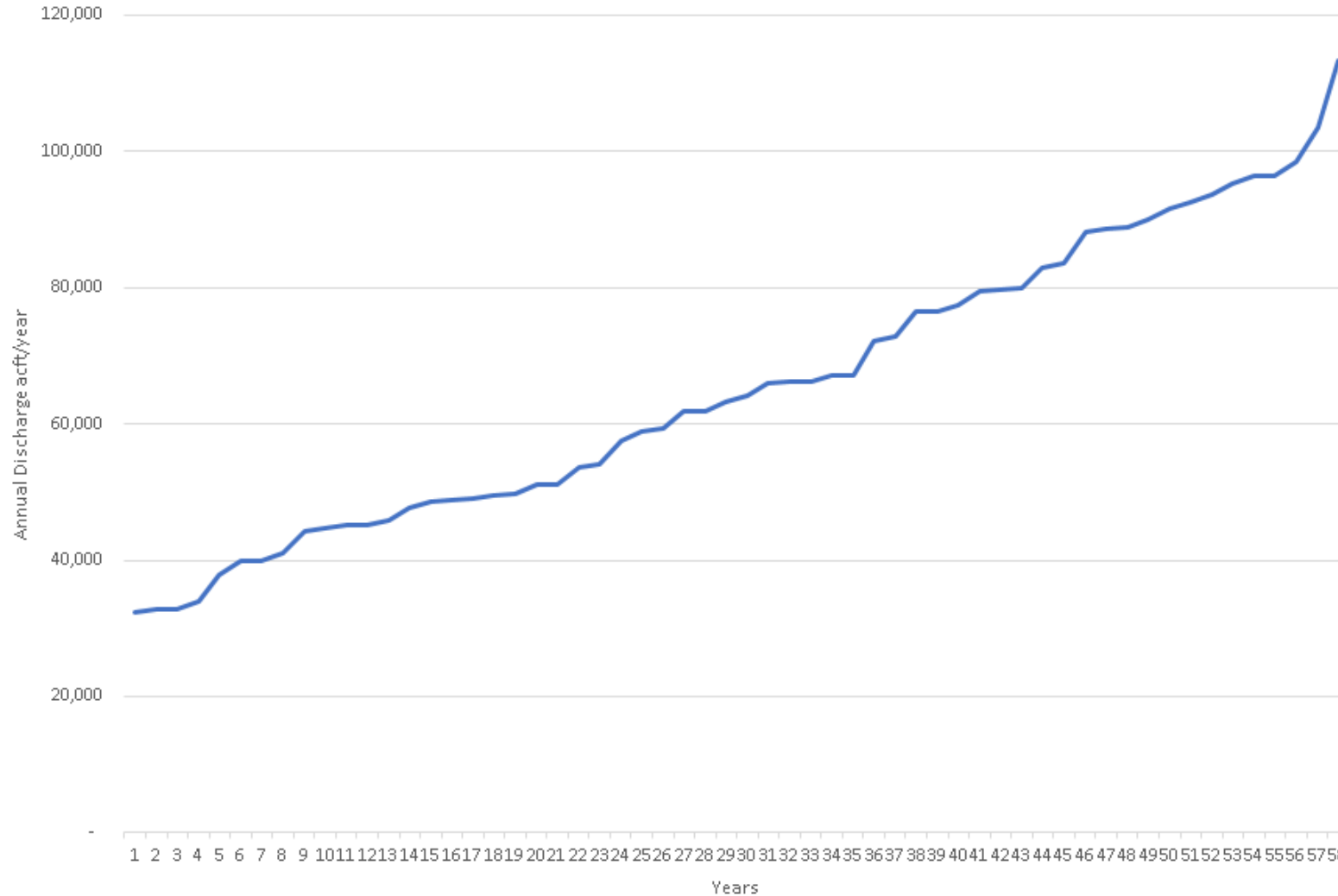


# WW River Flow 1961-2018



# WW River Flow –Low to High – 1961-2018

Figure AA Whitewater River Near Mecca 1961-2018 Annual Discharge acft/yr



# Riverside County Flows to Sea

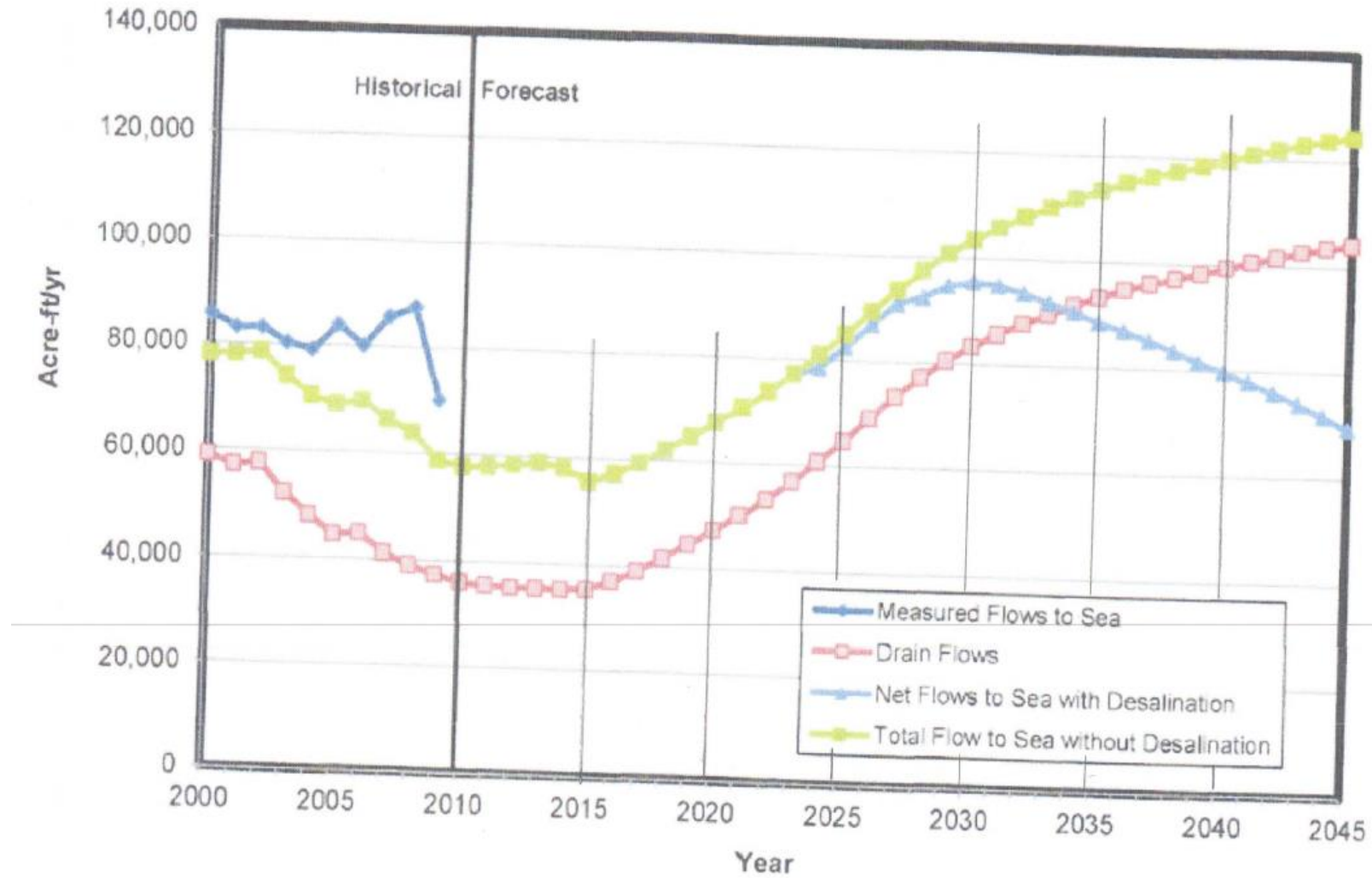


Figure 7-5  
Historical and Projected Drain Flows



# Selenium

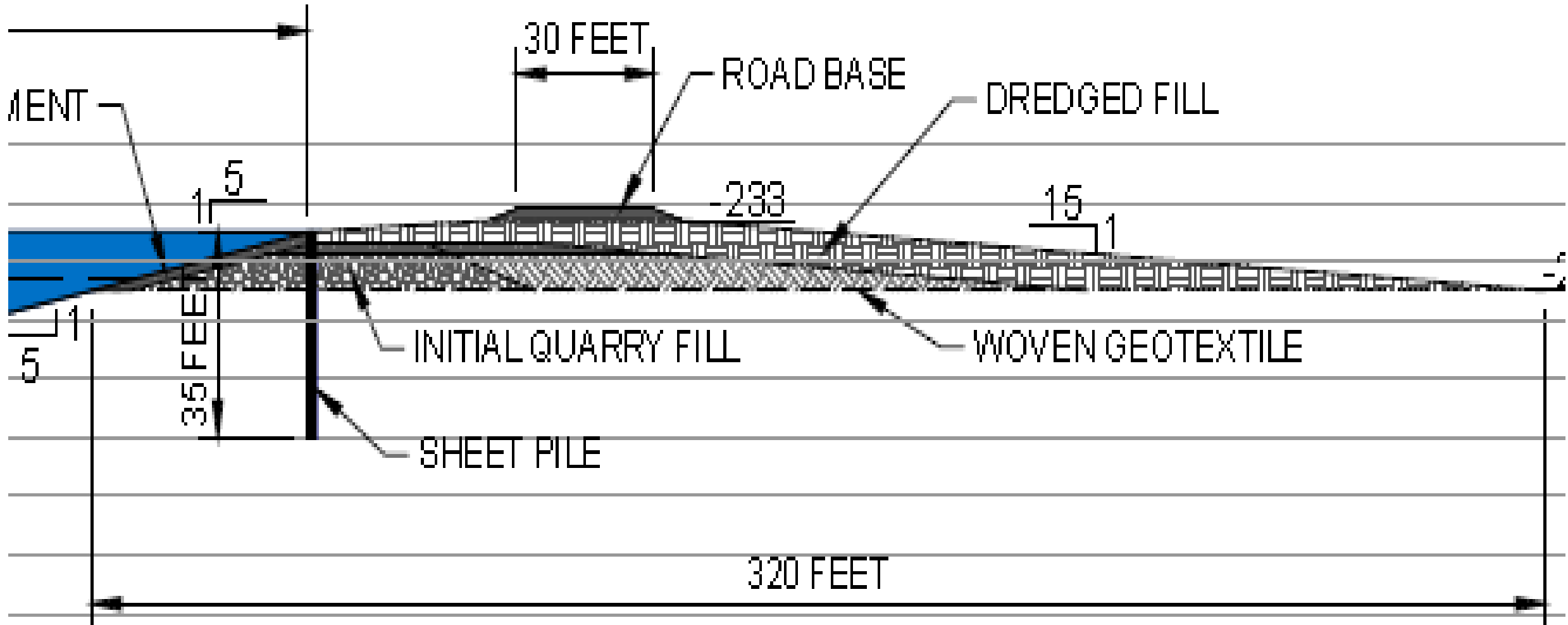


Mike Robinson





# Dike



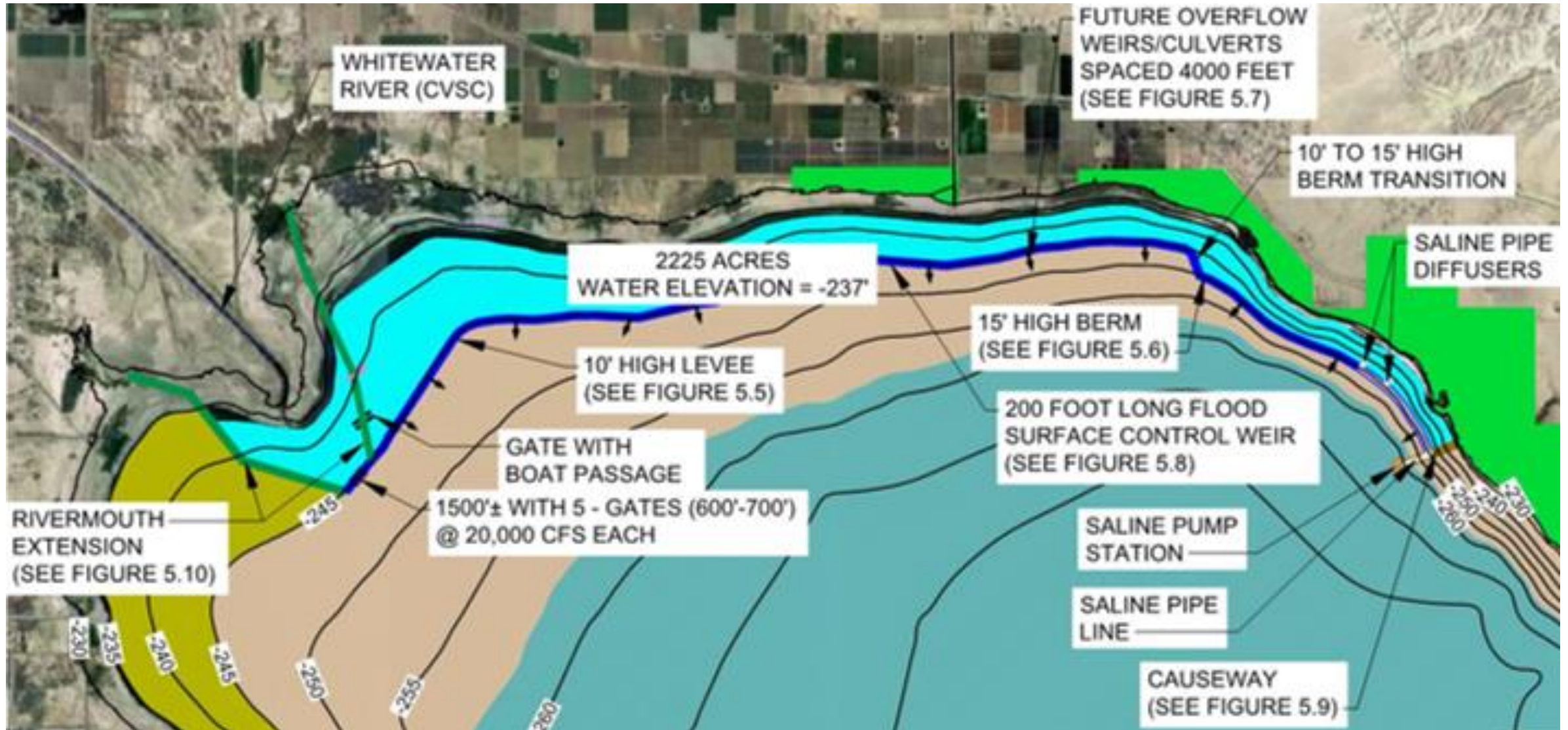


# Construction Issues



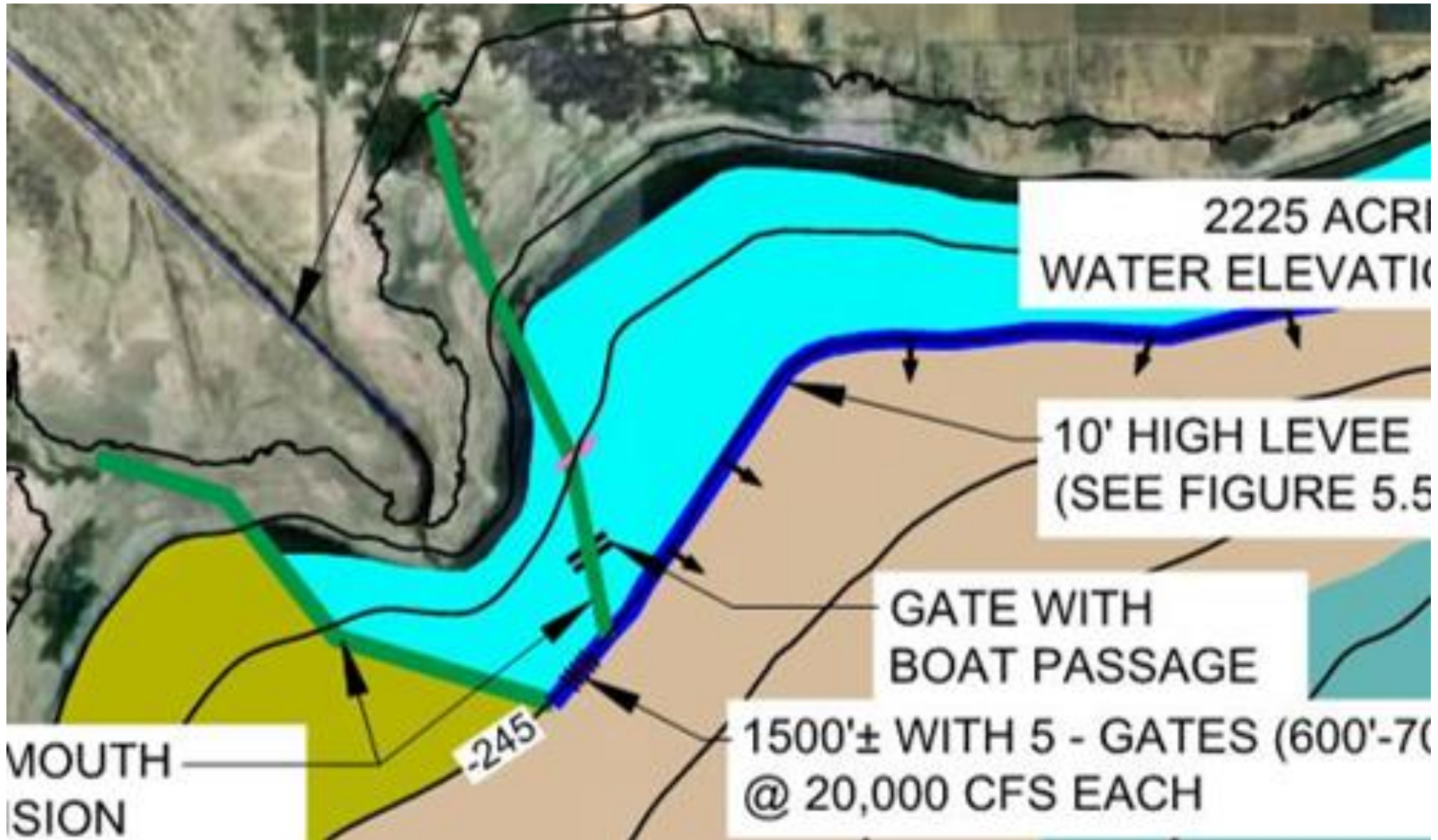


# East Lake - 2225 acres





# WW River Mouth



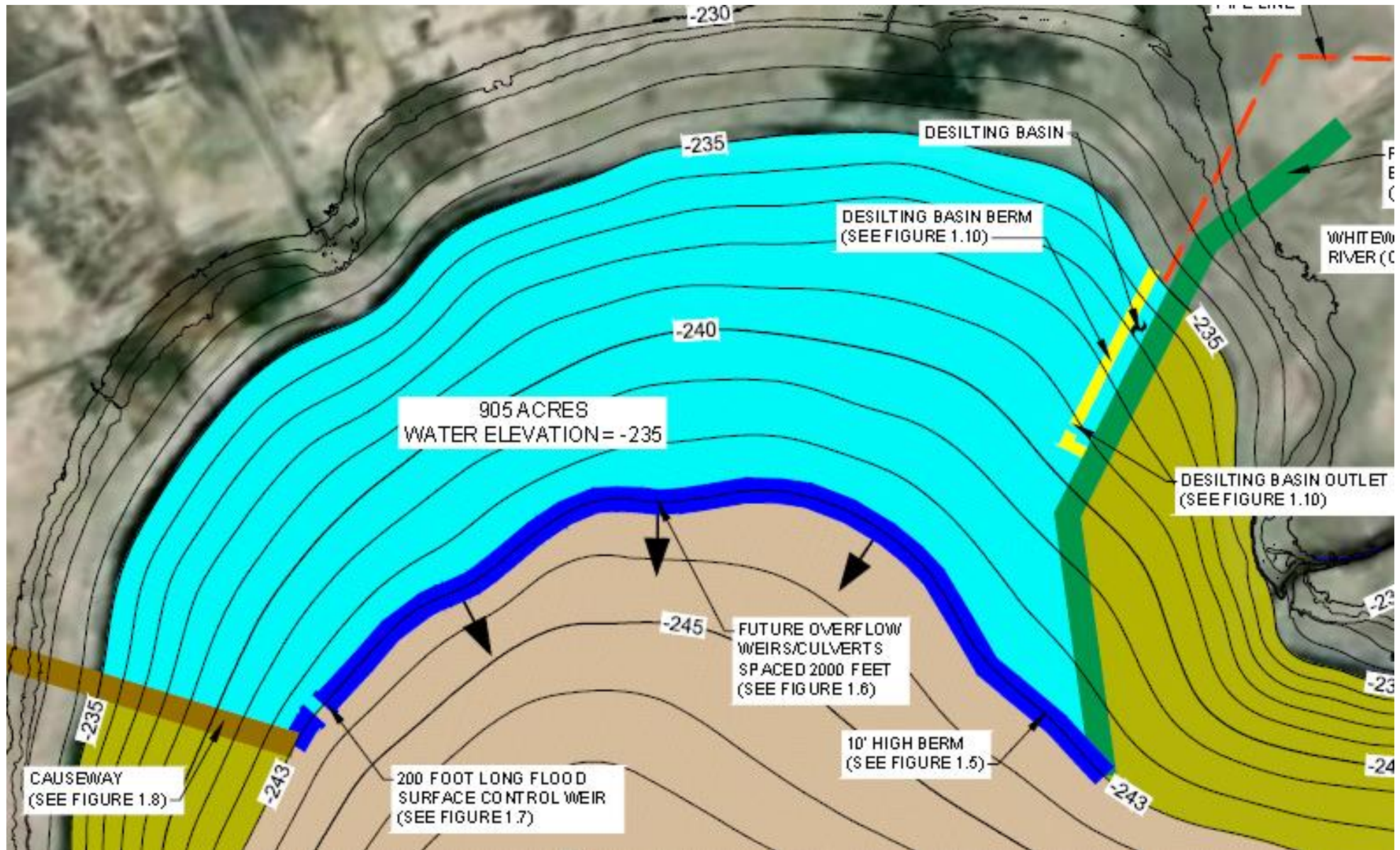
# Flood Passage System

- Similar to Tempe Town Lake – New West Dam
- Hydraulic Hinged Crest Gates
- Flood gates to control up to 169,000 cfs (100-year flood)
- Built in 2013 to 2016
- Cost (including old dam removal) = \$45 million



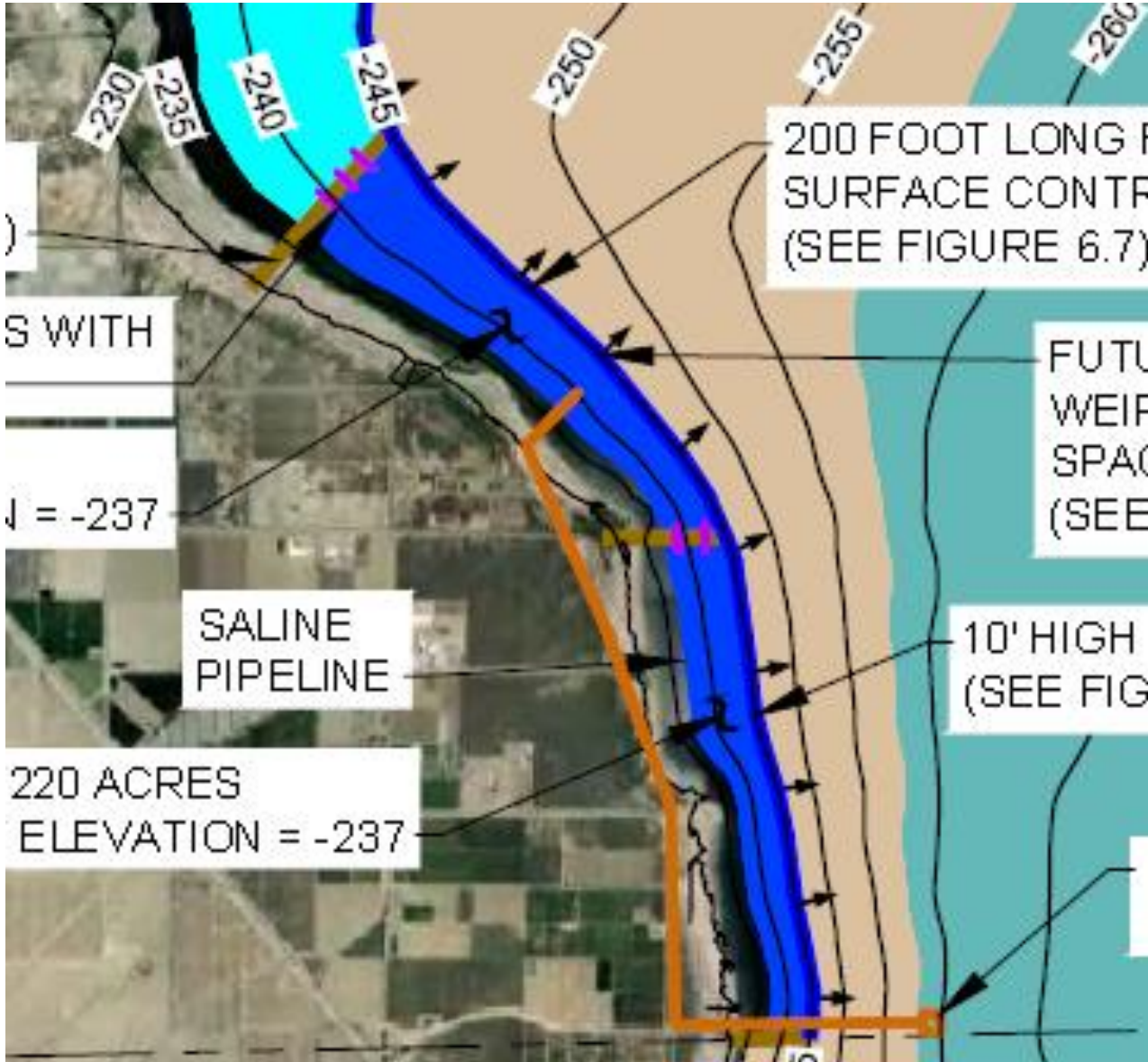


# Center Lake





# West Lake













# Thanks

