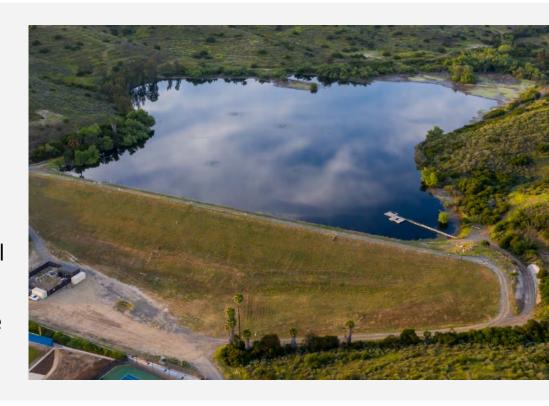


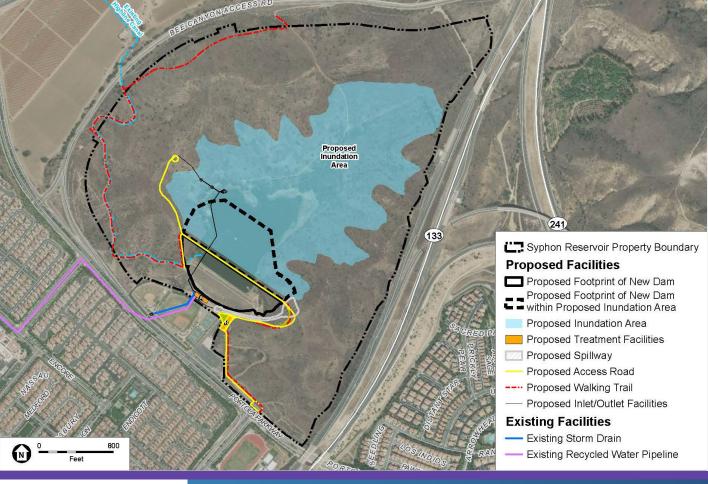


Syphon Reservoir Background

- Built by The Irvine Company in 1949
- Purchased by IRWD in 2010
- 59 feet tall
- 535-acre-foot (AF) capacity
- Surrounded by sensitive upland and wetland vegetation – protected under state & federal environmental and regulatory requirements
- Improvements needed for adequate seasonal storage of recycled water







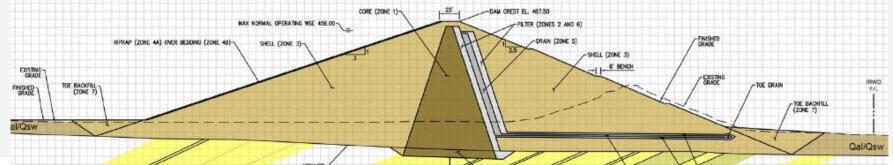
Proposed Project Site



Primary Project Elements

- Remove 59-foot-tall dam and replace with 136-foot engineered embankment dam
- Significant earthwork for excavating, sorting and reusing on-site materials
- Import of specialty materials (gravel, sand, riprap) for internal filter drain and dam face protection



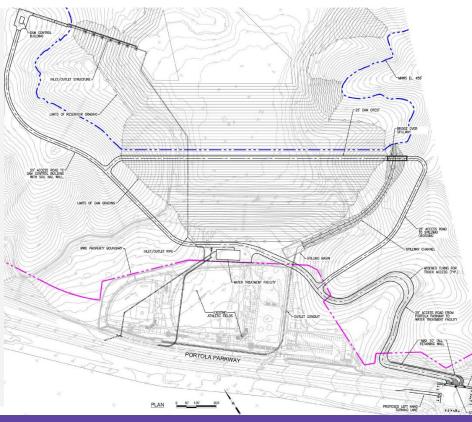




Primary Project Elements

- Construct inlet/outlet structure and pipes
- Spillway & hydraulic dissipation structure
- Filtration and chemical facilities
- Associated entrance and access roads

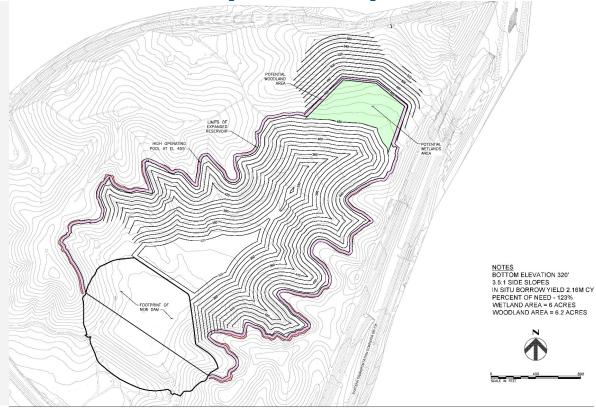






Environmental Restoration (on-site)

- Restoration and maintenance of 6 acres of wetlands
- Restoration and maintenance of 6 acres of riparian habitat





Potential Business Opportunities

Construction management services

- CM oversight
- Inspection (civil, mechanical, structural, electrical)
- Geotechnical testing & observations

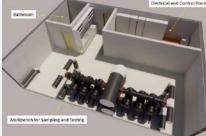
Construction

- Earthworks
- Process mechanical
- Structural
- Electrical and I&C
- Environmental restoration/ maintenance



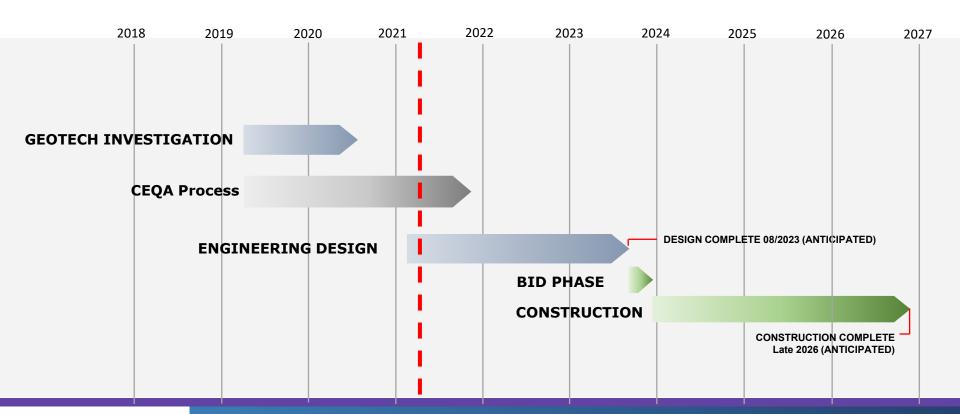








Project Schedule





Keeping Informed

- Learn more at SyphonReservoirProject.com
- Scott Toland, Project Manager toland@IRWD.com



