

► Discover Bay

WW Committee Update
3-1-2023

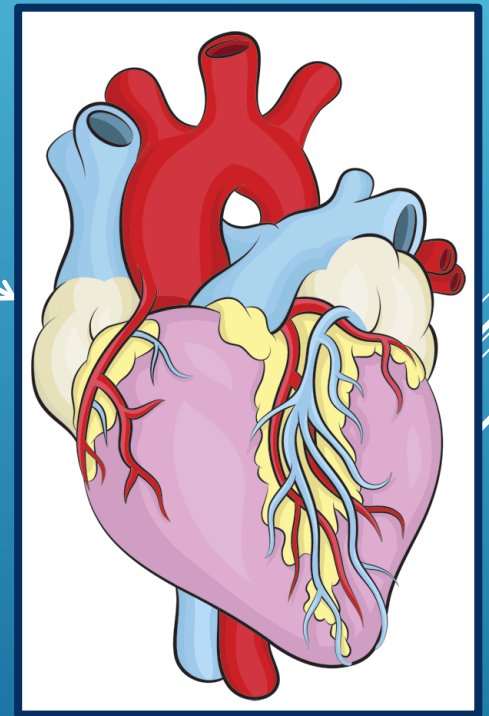
Town of Discovery Bay

HERWIT Engineering

Anderson Pacific
Engineering Constructors

3/1/2023

DISCO BAY WWTP NO. 2



DISCO BAY WWTP NO. 2



PROJECT INFORMATION

- **Denitrification and Master Plan Upgrade Project**
- **Anderson Pacific Engineering Constructors**
- **Notice to Proceed: 6/14/2021**
- **Original Finish Date: 6/15/2023**
- **Current Finish Date: 10/19/2023**
- **Startup of Denitrification Process: April 2023**
- **New Permit Conditions Start 12/31/2023**
- **Original Contract Amount: \$ 15,994,000**
- **Current Contract Amount: \$ 18,040,655**
- **Spent to Date: \$ 13,545,020**
- **Change Order for PS-W and INF-PS (\$1.76 M)**

PROJECT CHALLENGES

- **Maintaining Existing Facilities in Service While Building New Facilities**
- **Extensive Bypassing Required**
- **Deep Excavations with High Ground Water**
- **COVID/Supply Chain Issues**
 - **Construction Team got COVID**
 - **Canceled Slide Gate Order**
 - **Pipe and Fittings Not Available**
- **Rotor No.3 Failure**
- **Weather Impacts and Delays**
- **Plant No. 1 Rehabilitation Issues**

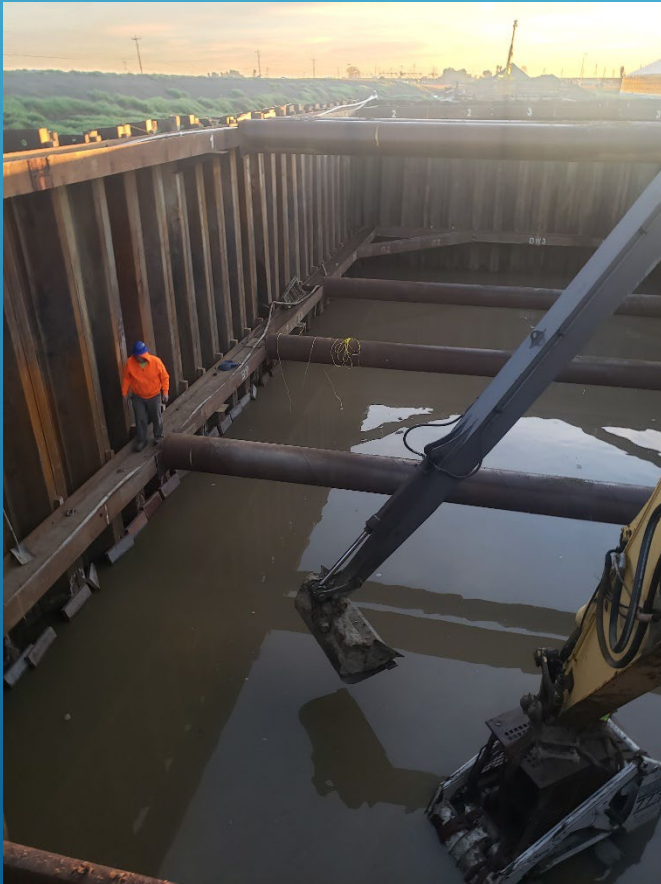
Anoxic Basin NO. 4



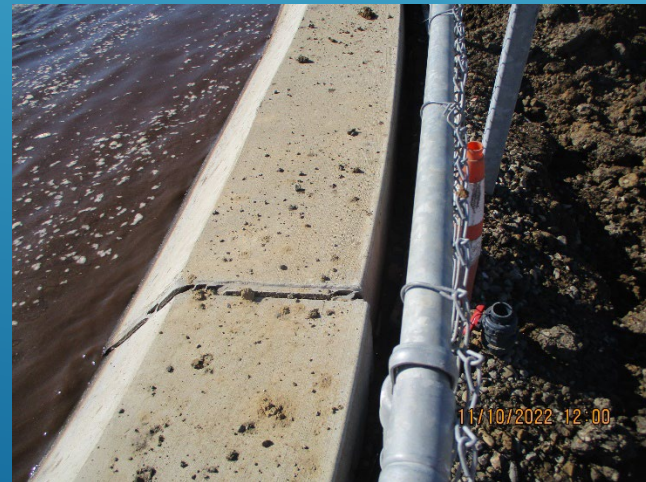
Oxidation Ditch No. 4



Anoxic Basin No. 3



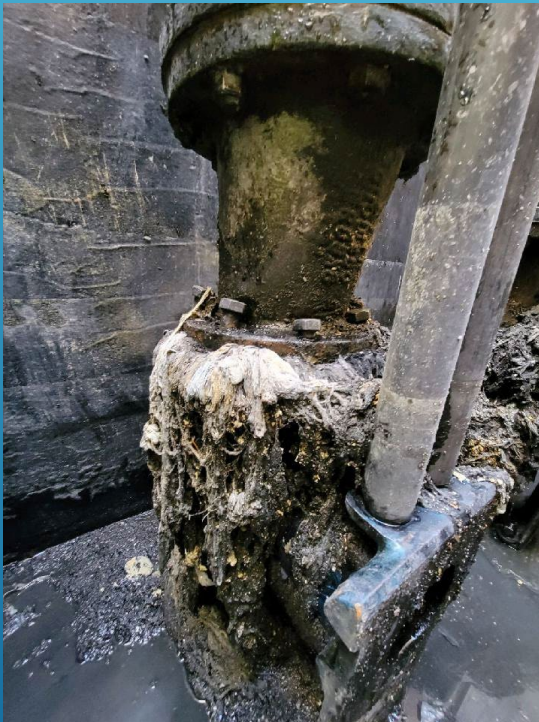
Movement at Ox Ditch No. 3



Plant No. 2 Headworks



INFLUENT PUMP STATION



RIP Pump Station W



Rotor No. 3 Failure



Aerobic Digester Repair



Weather Impacts

