

## **COVER MEMORANDUM – PA 24 COMMITTEE UPDATE**

**DATE:** October 6, 2020

**TO:** Project Agreement 24 Committee  
(Inland Empire Brine Line)

**SUBJECT:** Written Status Update in Lieu of Meeting

**PREPARED BY:** Rich Haller, General Manager

### **RECOMMENDATION**

Provided in lieu of a meeting, please review the project updates set forth below.

### **DISCUSSION**

#### **Euclid Avenue (Reach IV-A and IV-D) MAS Rehabilitation Project**

A notice to proceed was issued to the contractor for September 15, 2020. The contractor is to complete the work within 90 calendar days. The date of completion is December 14, 2020. The project includes the modification or “sealing” of five maintenance access structures (MAS) on Reach IVD along Euclid Avenue to withstand pressurization without allowing a sanitary sewer overflow. The project removes one MAS on Reach IVA along Euclid Avenue due to significant concrete deterioration. SAWPA staff and TRC Companies, which will be providing construction management and inspection services, are reviewing submittals and requests for information from the Contractor. The contractor has completed entries into the six (6) MAS to confirm measurements for the fabrication of the steel plates and fabricated fitting.

#### **Alcoa Dike – Lower Reach IVB/CRC Lateral Utility Protection Project**

A notice to proceed was issued to the contractor for September 15, 2020. The contractor is to complete the work within 120 calendar days. The date of completion is January 13, 2021. The project includes the protection of about 480 feet of Reach IVB and 160 feet of the CRC Lateral due to the impacts from the construction of the U.S. Army Corp Alcoa Dike. SAWPA staff and TRC Companies, which will be providing construction management and inspection services, are reviewing submittals and requests for information from the Contractor. The contractor has mobilized equipment to the Reach IVB site. Initial work includes the verification of the depth to groundwater, brine line location verification and installation of the dewatering system. Pipeline removal and installation is anticipated for late October early November.

#### **Asset Criticality Study**

The consultant has obtained and reviewed all the necessary GIS files from SAWPA for use in the analysis. Work completed to date includes breaking the system up into segments for ranking, based on pipeline diameter, material, reach and maximum length of 2,500 LF. Assessing the typical failure modes in the brine line system based on California Integrated Water Quality System (CIWQS) sanitary sewer overflow (SSO) incident data and staff input. Developing the draft risk analysis structure, for both the consequence of failure (COF) and the probability of failure (POF) analyses, and assigning first-cut

scoring assessment values. Next steps include running a preliminary analysis to fine tune the scoring assessment values and then running the COF/POF analyses. A workshop with SAWPA staff is tentatively scheduled for October 8, 2020 to review the COF/POF analyses.

Attachment:

1. Photograph: Alcoa Dike – Lower Reach IVB





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