

Cathodic Protection Improvement of Recycled Water Systems Project - Phase 5 (REO-0204)

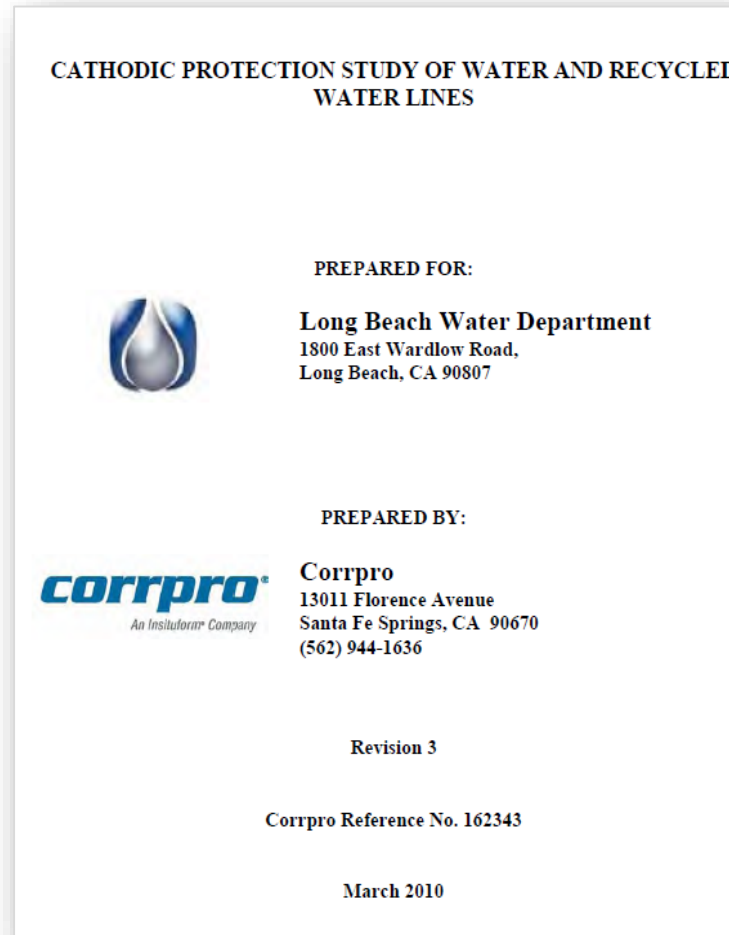
Board of Utilities Commissioners

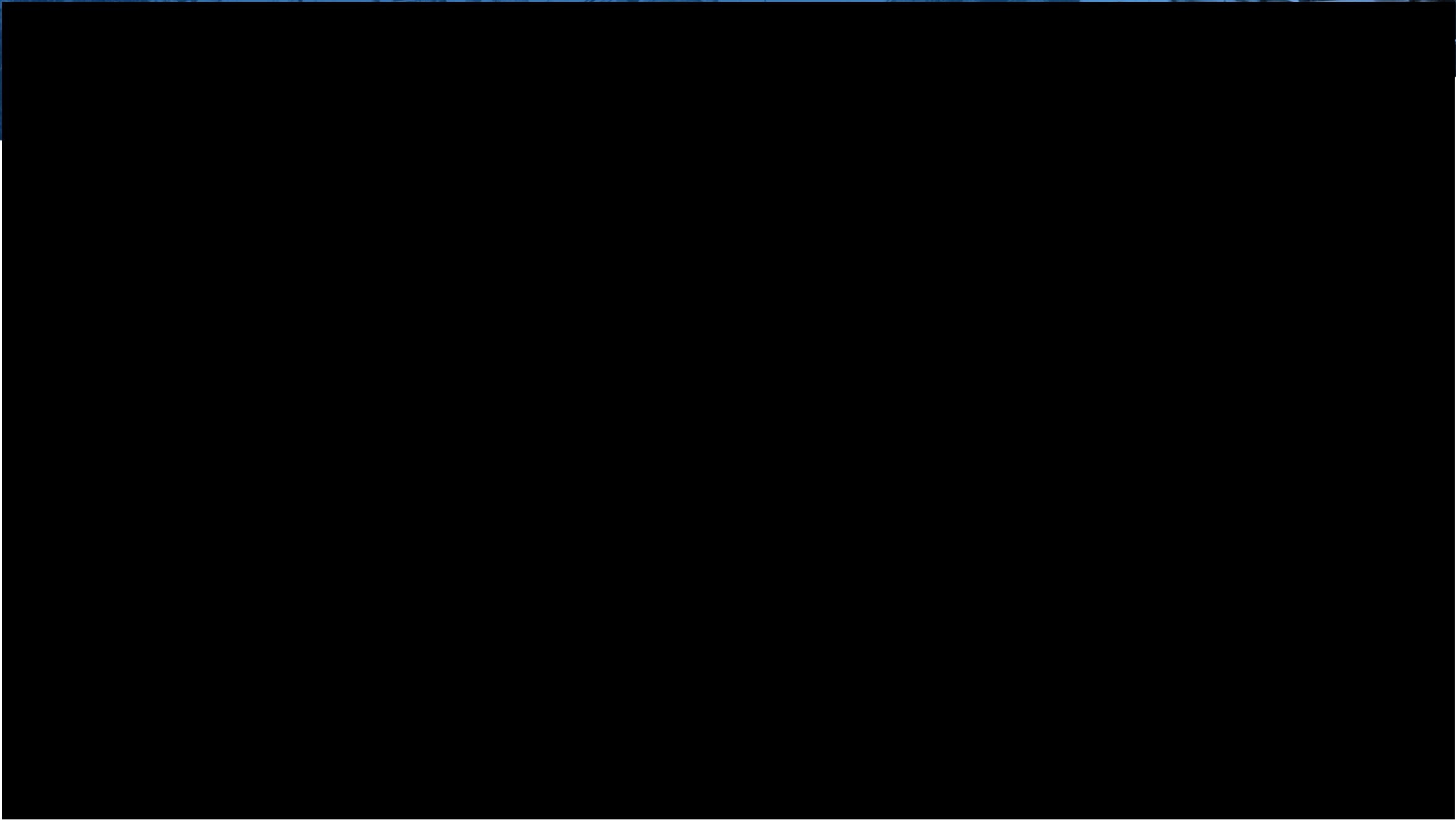
January 5, 2023



Cathodic Protection Program

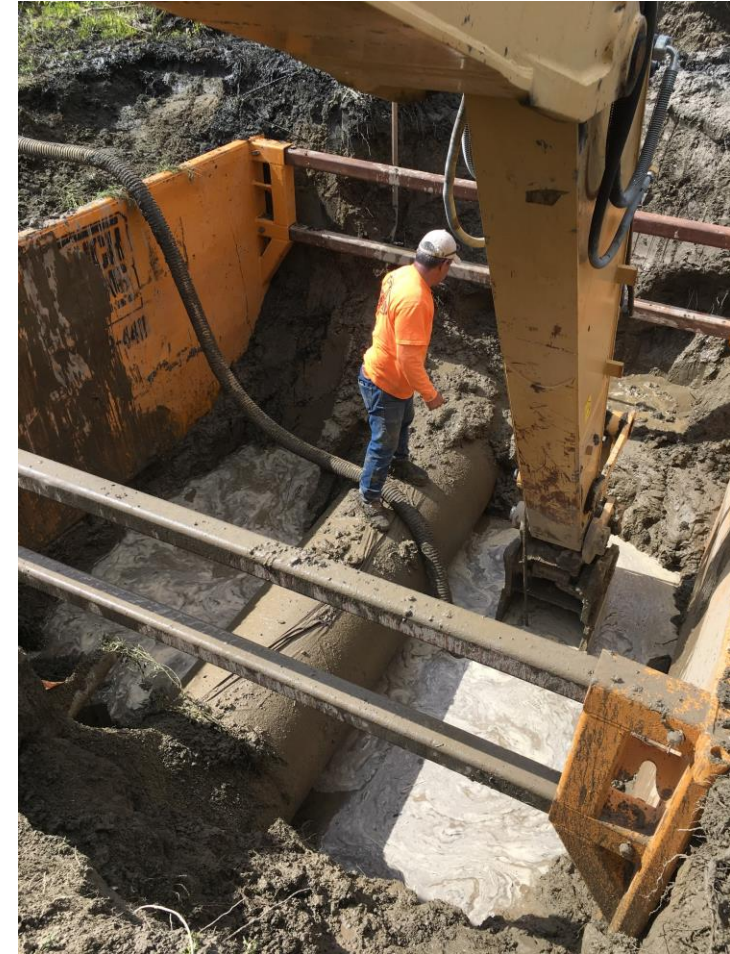
- In 2010, Long Beach Water completed a Corrosion Protection Study of its potable and recycled water pipelines
- Following the 2010 study, the Department established its Cathodic Protection Program
- Goal of the program is to protect Long Beach Water's metallic pipelines from corrosion





Summary of Work

- Installation of 12 new monitoring CP Test Stations
- Installation of 99 magnesium sacrificial anodes
- Installation of one isolation flange kit on a 24-inch pipe
- Surface restoration
- Traffic control



Recommendation

Adopt Specifications WD-33-22 for the Cathodic Protection Improvement of Recycled Water Systems Project – Phase 5 (REO-0204) and authorize the General Manager to sign a construction contract with Farwest Corrosion Control Company, Inc., in the amount of \$462,870.



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