

Corrosion Inhibitor Communication Log

Date	Sender	Summary
10/16/19	Cal Am Operations Supervisor for Water Treatment	Ord Grove was built in 1996 with cellar for containment. Containing a tank on the same level would require a very tall wall which would make maintenance and replacement difficult. There is also benefit that a rupture on the upper level drains to the lower level facilitating maintenance and overall system reliability. Because the upper level can drain to the lower level, a curb is sufficient to contain spills.
10/15/19	Cal Am Director of Water Quality and Environmental Compliance	Begonia Iron Removal Plant has a permit requirement to provide orthophosphate corrosion inhibitor. There is no current permit requirement for corrosion inhibitor at ASR. There will be a requirement for corrosion inhibitor at ASR very soon.
9/26/19	Cal Am Director of Water Quality and Environmental Compliance	During the process of applying for a DDW permit for ASR-3, it was made clear that DDW will require Cal Am to provide corrosion inhibitor to all ASR production.
6/5/19	Cal Am Vice President, Engineering	Per the Management and Operations Agreement, MPWMD is responsible to pay for capital improvements at the Santa Margarita site.
5/17/19	Cal-Am Consultant	Discussions in passing between with DDW and Cal Am Operations, Cal Am Compliance, Cal Am consultants found that DDW and was agreeable to switching corrosion inhibitor from Zinc ortho to ortho.
5/9/19	Cal Am Vice President, Engineering	Request for a design, operation, and responsibility coordination meeting with Cal Am, MPWMD, and consultants for the major water replacement projects ASR, PWM, and Desalination. Corrosion inhibitor would be discussed. Meeting held 5/15/19 at MPWMD.
5/3/19	Cal Am Vice President, Engineering	
4/30/19	MPWMD	Request meeting with Cal Am to discuss need and timing for corrosion inhibitor.
4/24/19	Cal-Am Consultant	DDW noticed that the Cal-Am system needs uniform corrosion inhibitor. A permit amendment is being made to include corrosion inhibitor at ASR, Sand City, and Ord Grove.
4/24/19	MPWMD Consultant	Request for details required to determine corrosion inhibitor scope.

4/23/19	Cal Am Consultant	Request for MPWMD corrosion inhibitor design documents. Request is due to DDW permitting with Cal Am (corrosion inhibitor was not in the design documents at this time)
4/18/19	Cal Am Director of Water Quality and Environmental Compliance	Cal Am and DDW want to include corrosion inhibitor at ASR during production season so there is consistent water quality throughout the system.
1/22/19	Cal Am Vice President, Engineering	The future ASR building should have provisions for a future chemical stabilization system.
1/13/19	Cal Am Assistant Engineering Manager	With the combination of the blends and looking at the chloride-sulfate mass ratio at ASR (indicates need for corrosion control inhibitor for future blend), there is a need to add space in the disinfection facilities.
1/10/19	Cal Am Assistant Engineering Manager	The new system will be deficient of phosphate for corrosion control when in summer use.
11/15/18		Basis of design drawings with two chemical rooms and an electrical room. The second chemical room reserved for potential treatment of injected waters.