



MIGRATORY CORROSION INHIBITOR (MCI®) PRODUCTS FOR CONCRETE



CASE HISTORY SPOTLIGHT

Case History #364: Preserving Float Tanks at Round Butte Reservoir

When introducing salmon fingerlings from the hatchery into the Round Butte Reservoir, the customer found the water to be too warm for the young fish. To solve the problem, a floating station was designed to pump cold water from the bottom of the reservoir to cool the salmon. The pump station was supported on airtight steel flex-floats that could be loaded with sand for ballast. Moisture content was expected to be 2% inside the tanks. The original plan was to preserve the interiors of the floats by painting them, but this proved to be too expensive, and the customer consulted Cortec® for a different option.

Cortec® was able to offer MCI®-309 powder as an alternative and recommended blowing half of the dose inside the tanks before ballasting the floats with sandbags and the other half of the dose after ballasting. It was also recommended that panels be placed in the float cavities to monitor for corrosion every six to 12 months in case additional MCI®-309 were needed. The workers soon realized that the sand was not necessary, but they kept adding MCI®-309 at the same dose. While MCI®-309 had originally been chosen because it was a cost-effective alternative to paint, the contractor, owner, and specifier also ended up being happy with how easy it was to apply.

To read the full case history, please visit: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch364.pdf



4119 White Bear Parkway, St. Paul MN 55110 USA
Phone (651)429-1100, Toll free (800) 4-CORTEC
Fax (651) 429-1122, Email: info@cortecvci.com
www.cortecvci.com

