

# Product Case History



## Roseville WTP

**LOCATION:** Roseville, CA, United States

**DATE OF APPLICATION:** September 2014

**MARKET:** Water & Wastewater

**TYPE:** New Construction

**OWNER:** City of Roseville, CA

**PROJECT SIZE:** 1,000 Gallons

**AREA COATED:** Clarifier

SUBSTRATE: Concrete

EXPOSURE: Water Immersion - salt water or wastewater

SURFACE PREP: Per Product Data Sheet

PRODUCTS: Reactamine 760

### PROJECT DESCRIPTION:

New construction wastewater treatment plant; clarifier linings.

### COATING SELECTION EXPLANATION:

A new clarifier in a waste water treatment facility requires a chemically resistant lining to protect the concrete surfaces and steel surfaces from waste water attack.

Reactamine 760 was chosen as an ideal coating for the concrete surfaces due to its inherent flexibility and elongation properties. Being elastomeric and having outstanding water resistance, was an excellent choice for this service.

Carboguard 891 HS is a high solids cycloaliphatic amine cure epoxy with excellent chemical and barrier resistant properties for the protection of steel surfaces in this waste water exposure.

Both Reactamine 760 and Carboguard 891 HS are low VOC products that comply with California VOC regulations governing volatile emissions.

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**AREA COATED:** Clarifier

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Water Immersion - salt water or wastewater

SURFACE PREP: Per Product Data Sheet