

REGIONAL TREATMENT PLANT EMULSION POLYMER UPGRADE PROJECT

Owner:

South Orange County Wastewater Authority
Laguna Niguel, California

Key Project Features:

- Refurbishment of three existing emulsion polymer feeders
- Refurbishment of one existing manich polymer feeder
- Modification of polymer feed system and associated piping
- Demolition of electrical components
- Electrical and instrumentation system modification



Key Personnel:

Debra Burris, P.E.
Jeannette Lindemann

Project Dates:

2011

DDB Engineering Services:

- Design of new supply lines and connections
- Construction drawings and details preparation
- Compiled drawing of existing utilities



The Emulsion Polymer Upgrade Project was part of the Regional Treatment Plant Miscellaneous Improvements 2011 Project. Existing polymer pumps and piping were relocated inside the existing building. Challenges included sequencing construction to maintain plant operation.