



RP-5 Expansion Project

Project Nos. EN19001 and EN19006

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Principal Engineer
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RP-5 Expansion Project

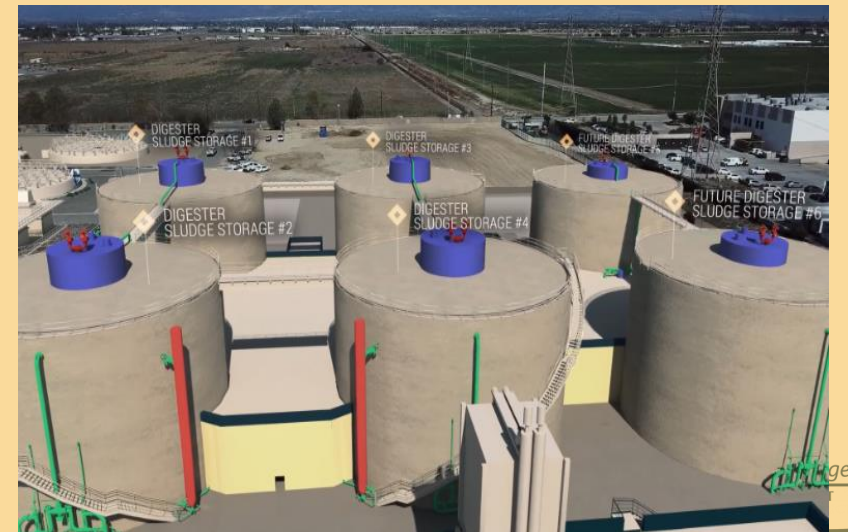


RP-5 Facility

**Liquid
Expansion**



**Biosolids
Facility**



RP-5 Expansion



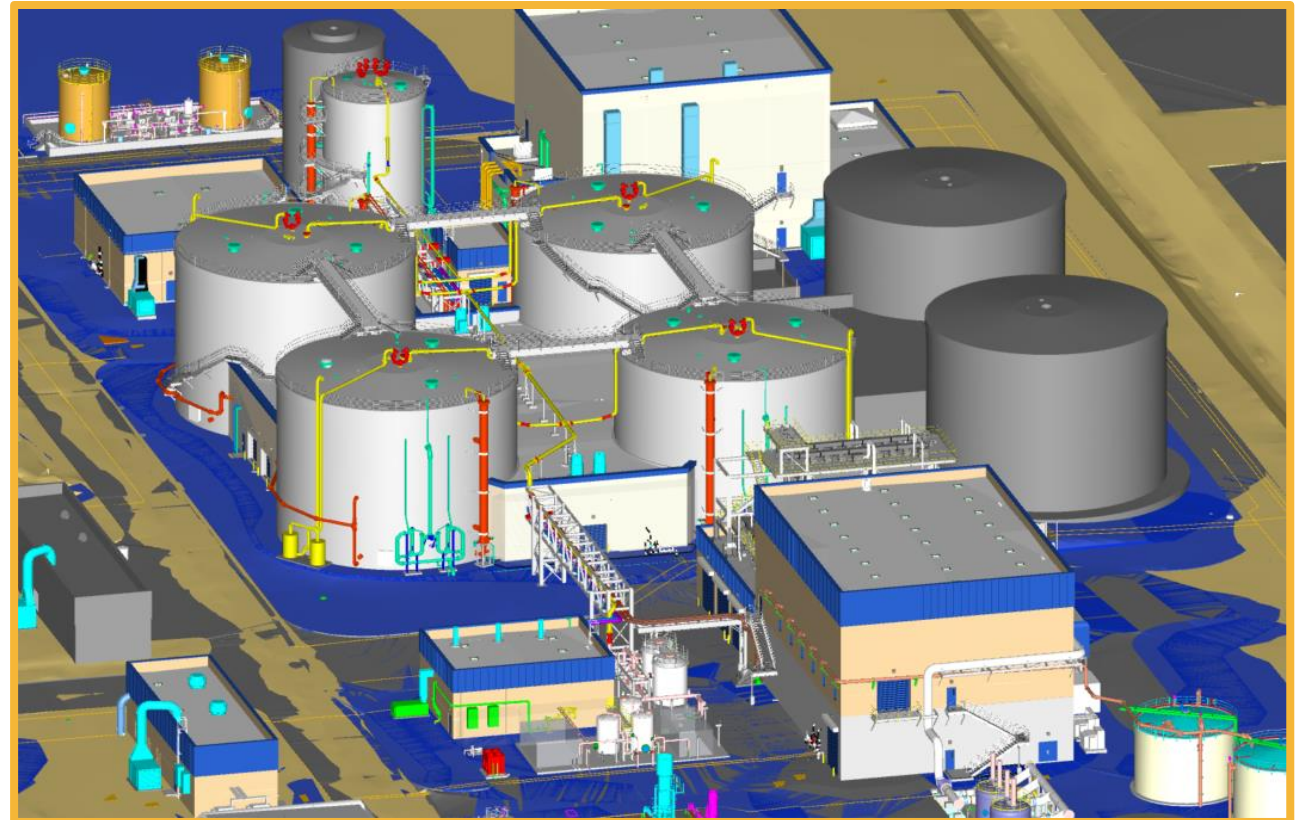
RP-5: Liquids Expansion

- **Support Growth (flow and concentration)**
 - **Flow Treatment Capacity Increase from 16.3 to 22.5 MGD**
 - **Concentration Capacity Increase**
 - Influent pump station expansion
 - Headworks improvements
 - Fine screen facility
 - Two new primary clarifiers
 - Existing aeration basin improvements
 - New Membrane Bioreactor (MBR) system
 - Rerating of the chlorine contact basin



RP-5: Biosolids Facility

- **Replace RP-2 (Prado Dam Floodplain)**
- **Support Growth**
 - Rotary drum thickening building
 - Digester facilities
 - Centrifuge dewatering building
 - Boiler building
 - Digester gas treatment and flaring
 - REEP Energy Improvements
 - Food waste receiving

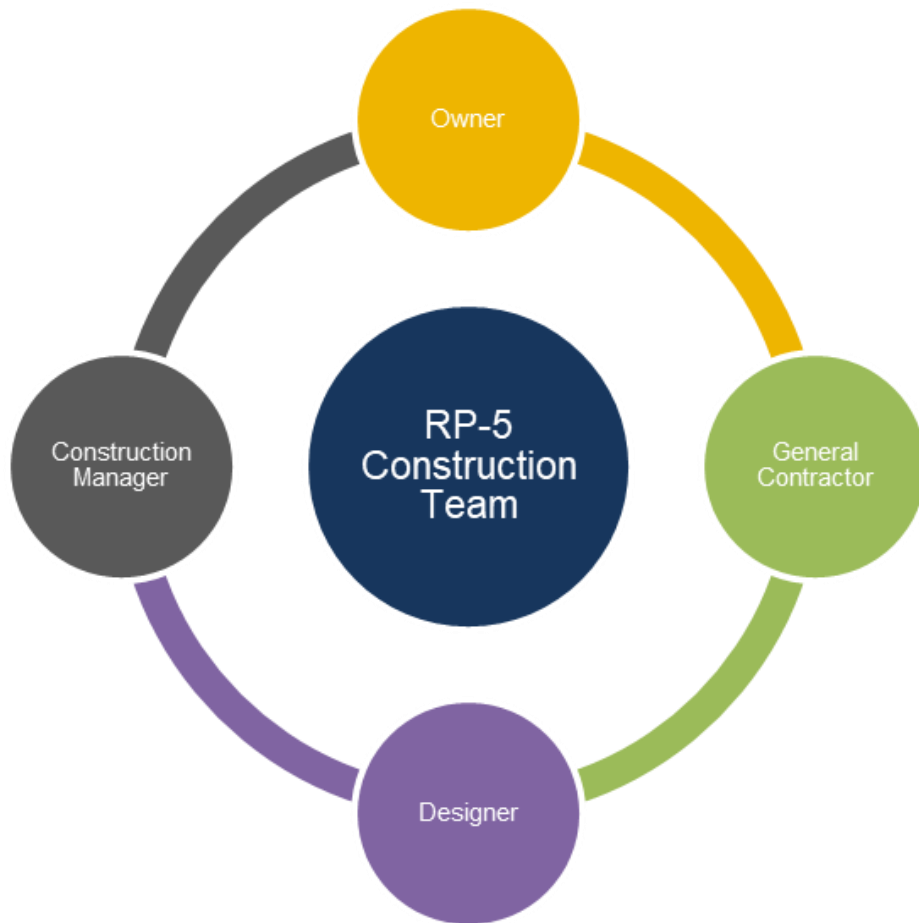


Flyover – Design Model





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Questions? Walking Tour of RP-5