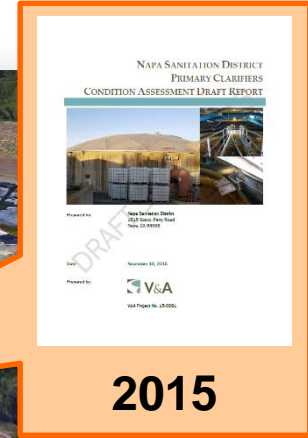
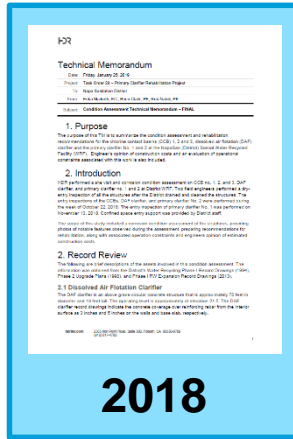


Primary Clarifier and DAF Clarifier Rehabilitation Project (CIP 16712)



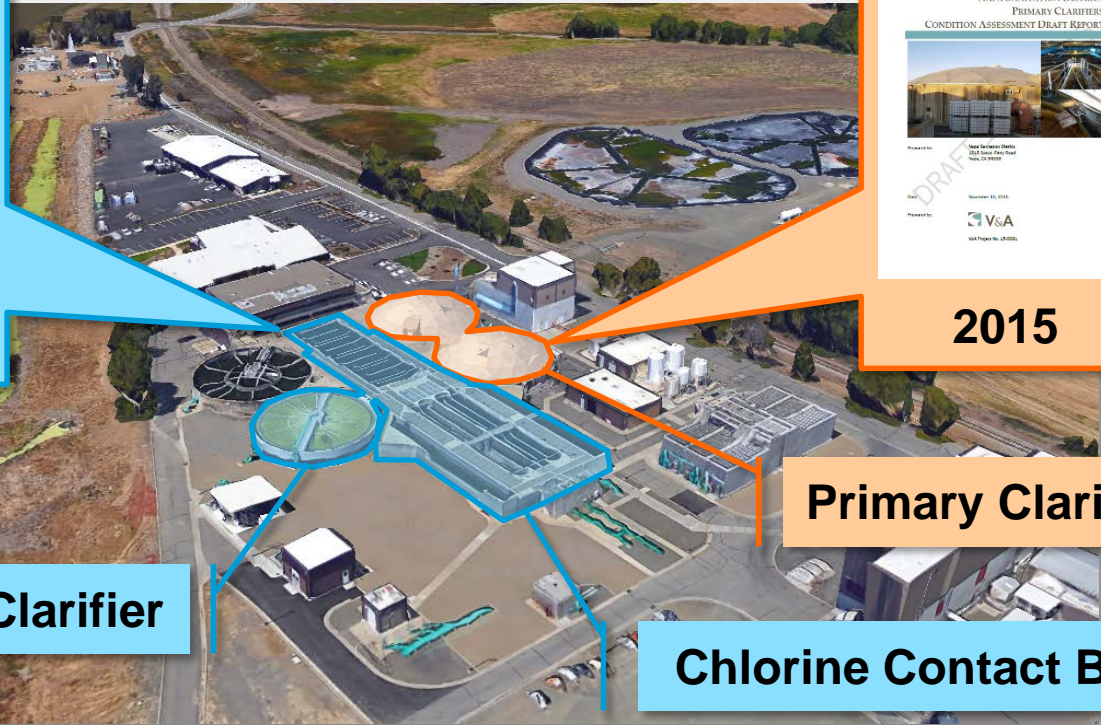
Background



DAF Clarifier

Primary Clarifiers

Chlorine Contact Basins



Condition Assessment Findings

Primary Clarifiers



Concrete coating



Mechanical components

Condition Assessment Findings

DAF Clarifier



Mechanical components



Rehabilitation Priorities

1. Primary Clarifiers

- Risks of structural damage to steel mechanical components
- Corrosive environment

2. DAF Clarifier

- Risk of deterioration of steel mechanical components – increased cost of repair



Project Overview

Engineer's Estimate: \$1,200,000

General Project Scope:

- Primary Clarifiers
 - Repair and replace deteriorated mechanical components
 - Remove and replace protective coatings on mechanical components (~15,000 SF)
- DAF Clarifier
 - Remove and replace protective coatings on mechanical components (~6,000 SF)



Anticipated Schedule

| Milestone | Date |
|------------------------|---------------|
| Notice Inviting Bids | October 2019 |
| Bid Opening | November 2019 |
| Award Construction | December 2019 |
| Notice to Proceed | January 2020 |
| Substantial Completion | November 2020 |



Recommendation

Approve Project, concur with staff's CEQA Determination, and authorize the General Manager to issue Notice Inviting Bids for the Primary Clarifier and DAF Clarifier Rehabilitation Project (CIP 16712).