

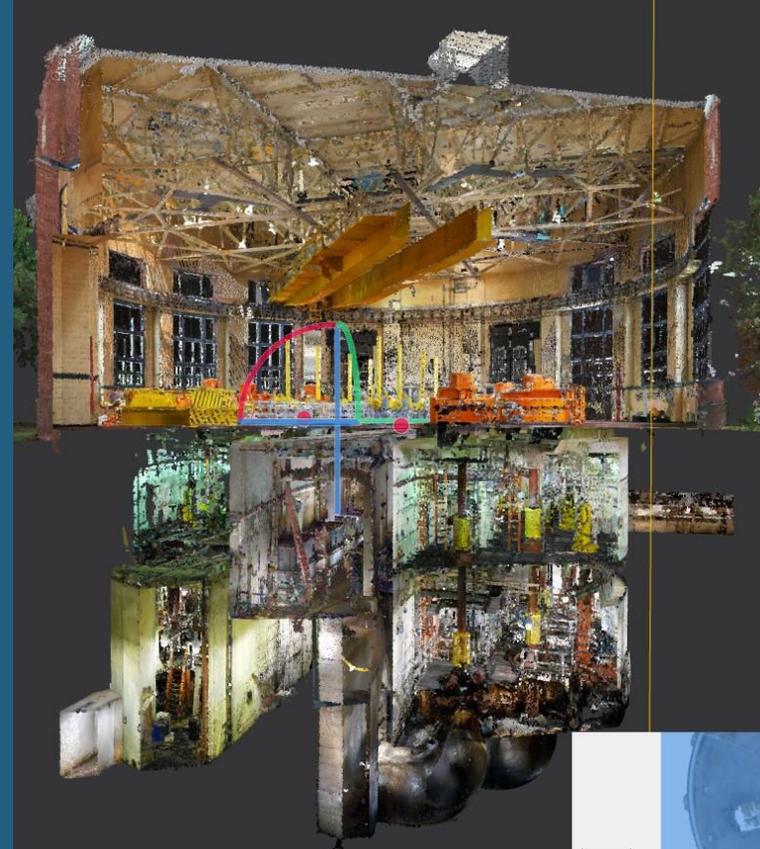


CIP Project Updates Wastewater Engineering

March 14, 2023 | Chris Nastally, PE – Director WW Eng

Agenda

- CIP #: 211006 – Pump Station 1 Improvements (CON)
- CIP #: 260802 – WRRF Roof Improvements Program (DES)
- CIP # 261001 – Secondary Clarifiers Improvements Program (Planning)





Wastewater CIP Project STATUS

CIP:211006

Project Title: Pump Station 1 Improvements

Project Manager: Kashmira Patel

Project Delivery Method: Design, Bid, Build

Project Status: Construction

CIP Score: 78.6

We Are Here



Contract	Contractor	Contract Amount	Earned Value	% Complete	Start	End	% Elapsed Time
•CS-102 (Design)	•WTA / Hazen	•\$12.6M	•\$5.7M	•100% (Design)	•5/7/2019	•7/1/2026	•52%
•2103350 or (Construction)	•Weiss	•\$89.1M	•\$0	•0% (Kickoff)	•2/7/2023	•1,735 Days	•0%



Wastewater CIP Project INFO

CIP:211006

Project Title: Pump Station 1 Improvements

- **Project Scope of Work / Goals**

- Rehabilitate MLP's, New Electrical Room, Improvements to plumbing, HVAC, I&C, and site improvements

- **Significance / Need / Background**

- 1,129 MGD / 1,700 MGD (66%)
- 2004 – last time updates performed
- 1930's PS constructed
- Monitoring of Pump Health

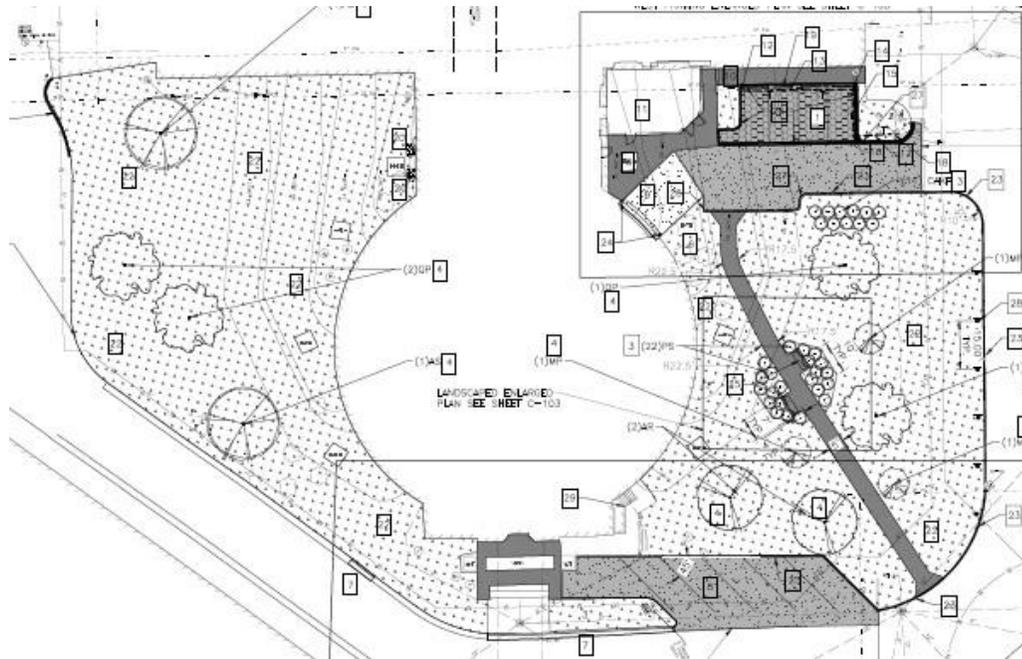


Wastewater CIP Project PHOTOS

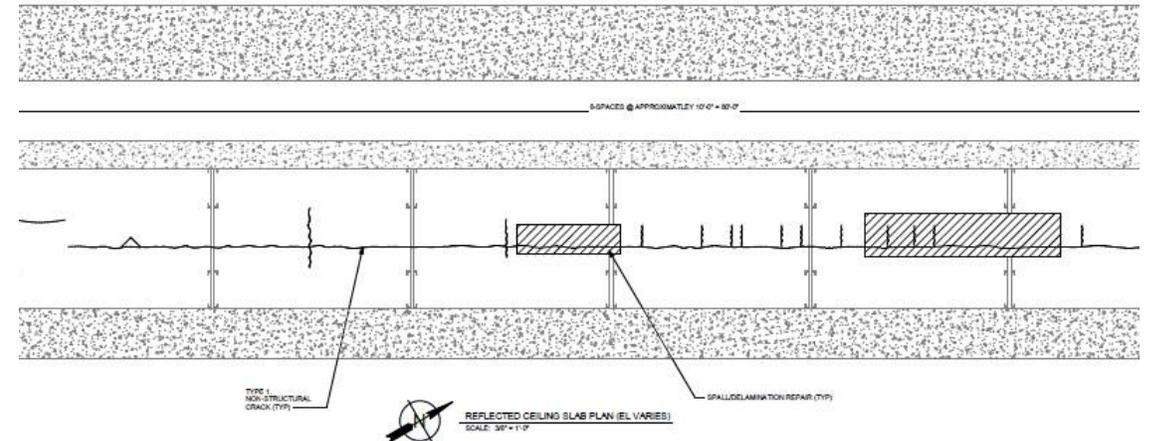
CIP:211006

Project Title: Pump Station 1 Improvements

Site Improvements



Wetwell Structural Repairs





Wastewater CIP Project STATUS

CIP:260802

Project Title: WRRF Roof Imp Program

Project Manager: Jared Buzo

Project Delivery Method: Design, Bid, Build

Project Status: Design

CIP Score: 77.9

We Are Here



Contract	Contractor	Contract Amount	Earned Value	% Complete	Start	End	% Elapsed Time
• 2200443 (Design)	• WTA	• \$500K	• \$179K	• 70%* (Design)	• 5/11/2022	• 5/10/25	• 24%
• TBD(Construction)	• TBD	• \$2.1M (budget)	• \$0	• 0%	• Bidding soon	• TBD	• 0%

Wastewater CIP Project INFO



CIP:260802

Project Title: WRRF Roof Imp Program

- **Project Scope of Work / Goals**
 - Assess most WRRF Rooves
 - Prioritize Improvements
 - Design Packages
- **Significance / Need / Background**
 - Leaks
 - Poor condition
 - Cascading impacts



Wastewater CIP Project PHOTOS

CIP:260802

Project Title: WRRF Roof Imp Program

Roof Core



Roof in poor condition w/ Veg





Wastewater CIP Project STATUS

CIP:261001

Project Title: Secondary Clarifiers Imp Pgm

Project Manager: Partho Ghosh

Project Delivery Method: Design, Bid, Build

Project Status: Planning

CIP Score: 72.0

We Are Here



Contract	Contractor	Contract Amount	Earned Value	% Complete	Start	End	% Elapsed Time
• 2002020 (Design)	• TBD	• \$3.1M	• \$0	• 0%	• RFP Soon	• TBD	• 0%
• TBD(Construction)	• TBD	• \$15M (budget)	• \$0	• 0%	• TBD	• TBD	• 0%



Wastewater CIP Project INFO

CIP:261001

Project Title: Secondary Clarifiers Imp Pgm

- **Project Scope of Work / Goals**

- Rehabilitate 1/3 of Secondary Clarifiers
- Replacement of
 - Clarifier drives, sludge collection system, weirs
- Improve sludge collection sys, Bhouse piping/meters/valves, weir lvl

- **Significance / Need / Background**

- 1970 – 1982 (Constructed), 25 Total, 200'Ø
- 2000-2005 last rehab
- Clarifiers assessed / prioritized



Wastewater CIP Project PHOTOS

CIP:261001

Project Title: Secondary Clarifiers Imp Pgm

Image of Secondary Clarifiers



Improvement Opportunities



Questions and Contact



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