

FY 2022/23 Regional CIP Project Funding

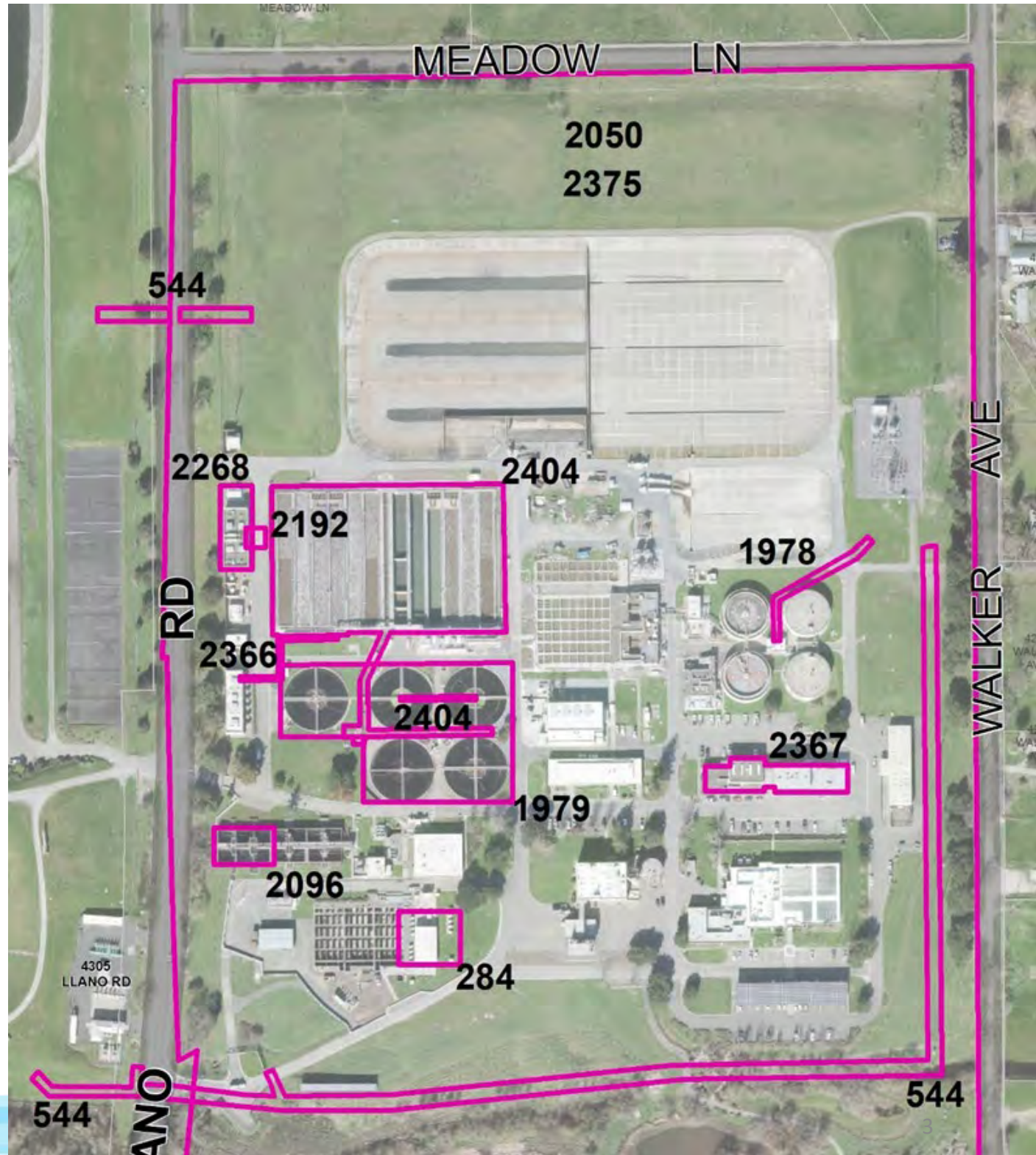


Emma Walton, Deputy Director
Subregional Technical Advisory Committee
March 10, 2022

Today's Presentation

- CIP Projects Overview
- Project Highlights

PID	Project Name
284	Laguna Treatment Plant Disinfection Improvements Project
544	Laguna Treatment Plant Flood Protection
1978	Laguna Treatment Plant Waste Gas Burner Replacement
1979	Secondary Clarifiers Condition Assessment and Rehabilitation
2050	Laguna Treatment Plant Electrical Infrastructure Evaluation
2096	LTP Replacement of Filter Valves and Actuators Phase 2
2192	Laguna Treatment Plant Emergency Generator Fuel Tank and Fleet Fueling
2250	Santa Rosa Water Reuse System On-Call Phase 5
2268	Engine Radiators Replacement
2324	Laguna Treatment Plant Concrete Repair
2366	LTP Aeration Header Improvements
2367	Maintenace Building Roof Repairs
2375	Minor On Call Electrical
2404	LTP Aeration Basins Improvements
Regional System projects, outside LTP	
2111	Geysers - Delta Connection Improvements
2200	Delta Pond Diffuser Improvements
2259	Dotti Farm Recycle Water Main Improvements
2284	West College Storage Facility Pumping Improvements
2369	Biosolods Land Application Property Improvements



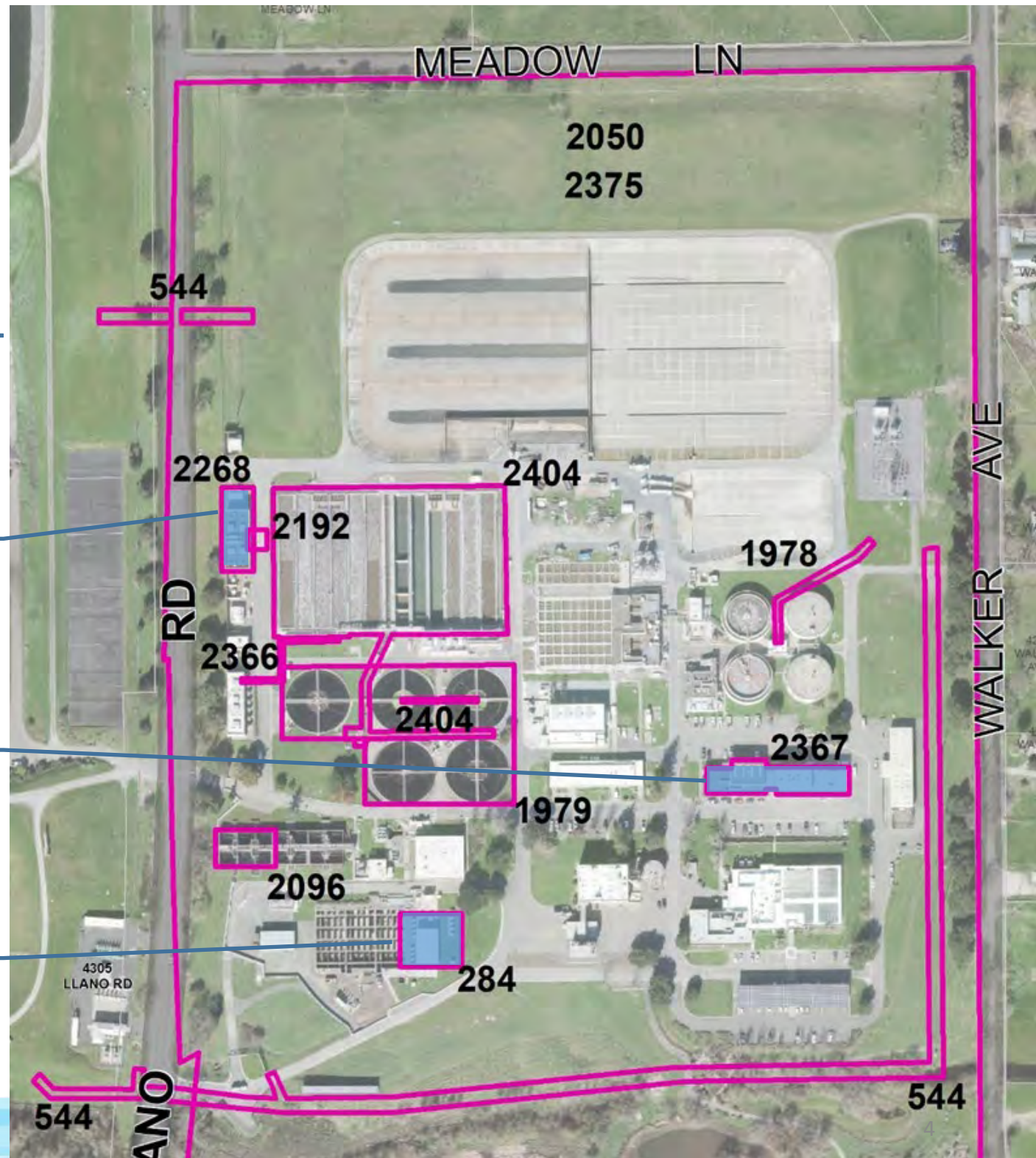
CIP Projects Overview

2375, 2250
**On-Call Contractors for
General & Electrical**
(Ongoing)

2268 **Emergency
Generators Radiator
Replacement**
(Under Construction)

2367 **Maintenance
Building Roof Repairs**
(Under Construction)

284 **UV Replacement/
Disinfection
Improvements**
(March 29th Bid Opening)



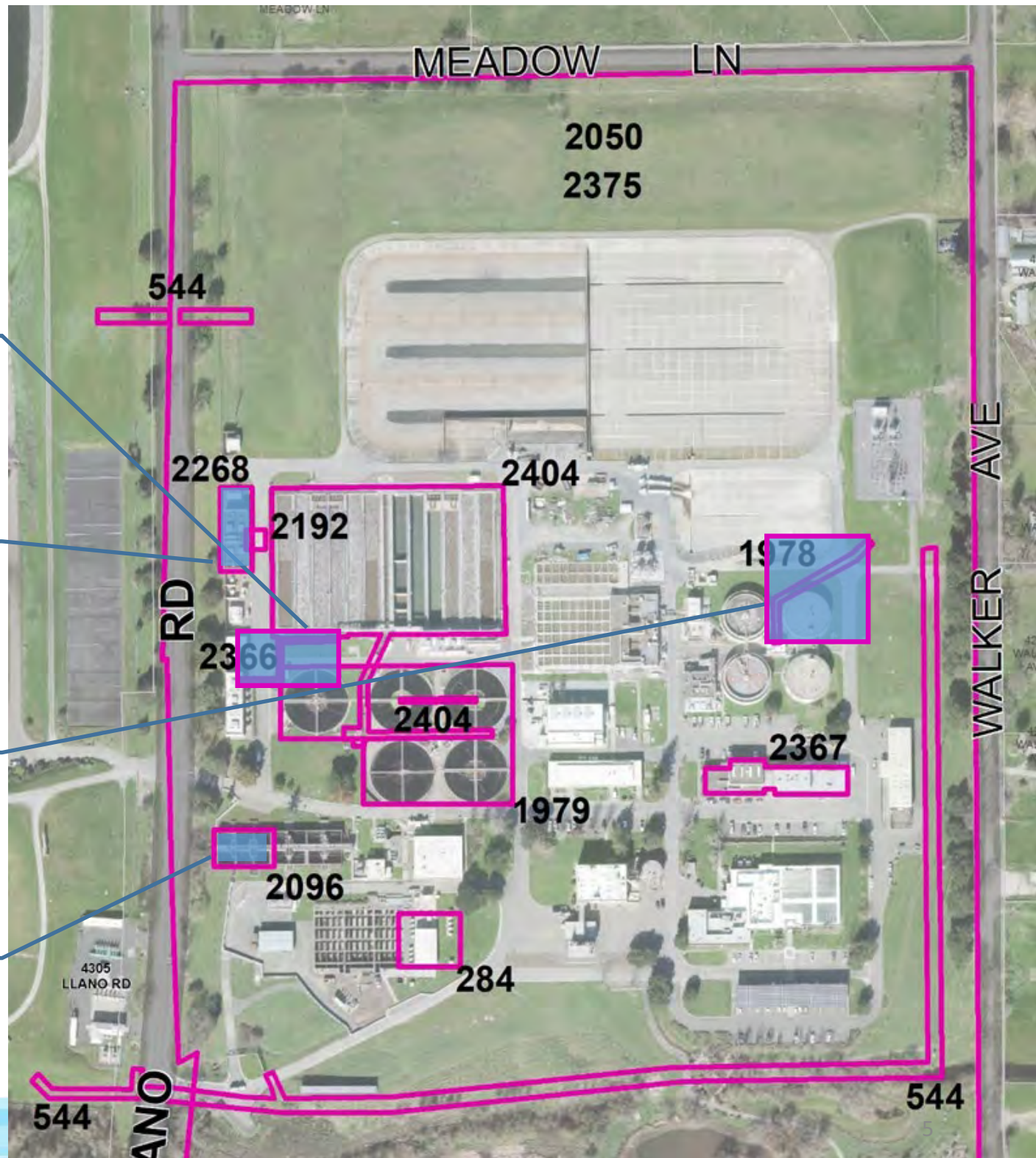
CIP Projects Overview

2366 Aeration Header Replacement
(Jul 2022 Construction)

2192 Emergency Generator Fuel Tank Replacement
(Sept 2022 Construction)

1978 Waste Gas Burner Replacement
(Sept 2022 Construction)

2096 Filter Valve and Actuator Rehab/Replace
(Apr 2023 Construction)



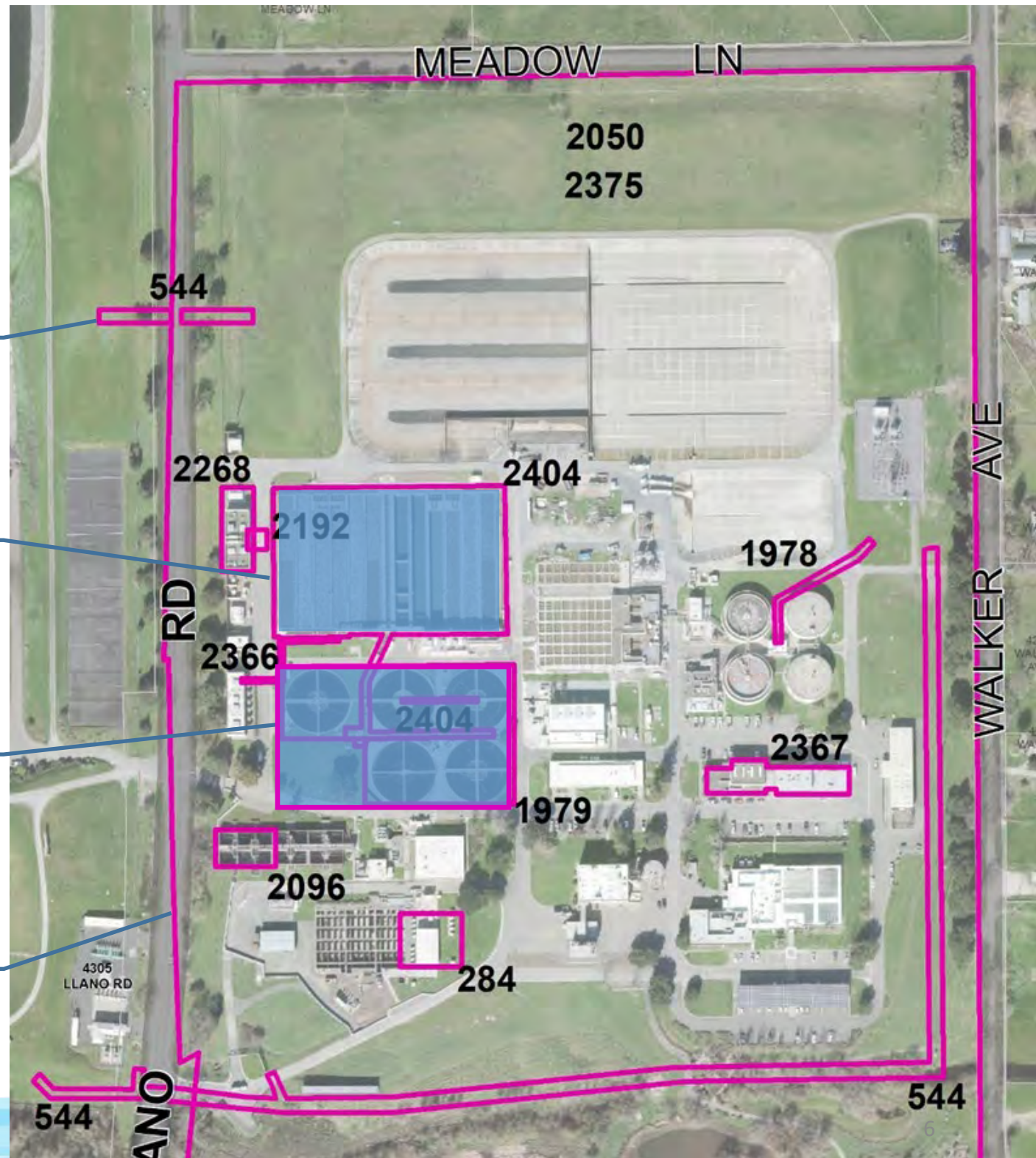
CIP Projects Overview

544 Flood Protection
(2022/23 Construction)

**2404 Aeration Basin
Assessment and
Rehabilitation**
(2025 Construction)

**1979 Secondary
Clarifiers Assessment
and Rehabilitation**
(2025 Construction)

**2050 Electrical
Infrastructure Evaluation**
(Eval nearly Complete)
(2026 Construction)



CIP Projects Overview

**2200 Delta Pond
Discharge Improvements**
(Summer 2022
Construction)

**2111 Geysers Delta
Connection
Improvements**
(July 2022 Construction)

**2284 West College
Storage Facility Pumping
Improvements**
(Jan 2022 BPU Award)

**2259 Dotti Farm
Recycled Water Main
Improvements**
(June 2022 Construction)



2050 Electrical Infrastructure Replacement

1. Emergency Generator Switchgear
2. Standby Power System Redundancy
3. Replace SWGR M1, Install new Switchgear M3
4. Install ductbank system from new SWGR M3 to Load Centers
5. Convert 15kV overhead to underground.
6. Replace Existing Load Centers
7. Replace existing 15kV cables from SWGR M1/M2 to Load Centers



2404 Aeration Basin Assessment and Rehabilitation

Spring 2022

Dewatering and Bypass
Pumping Work Plan

Summer/Fall 2022

Contractor to Install Bypass
Pumping System and Clean
Channels

Spring 2023

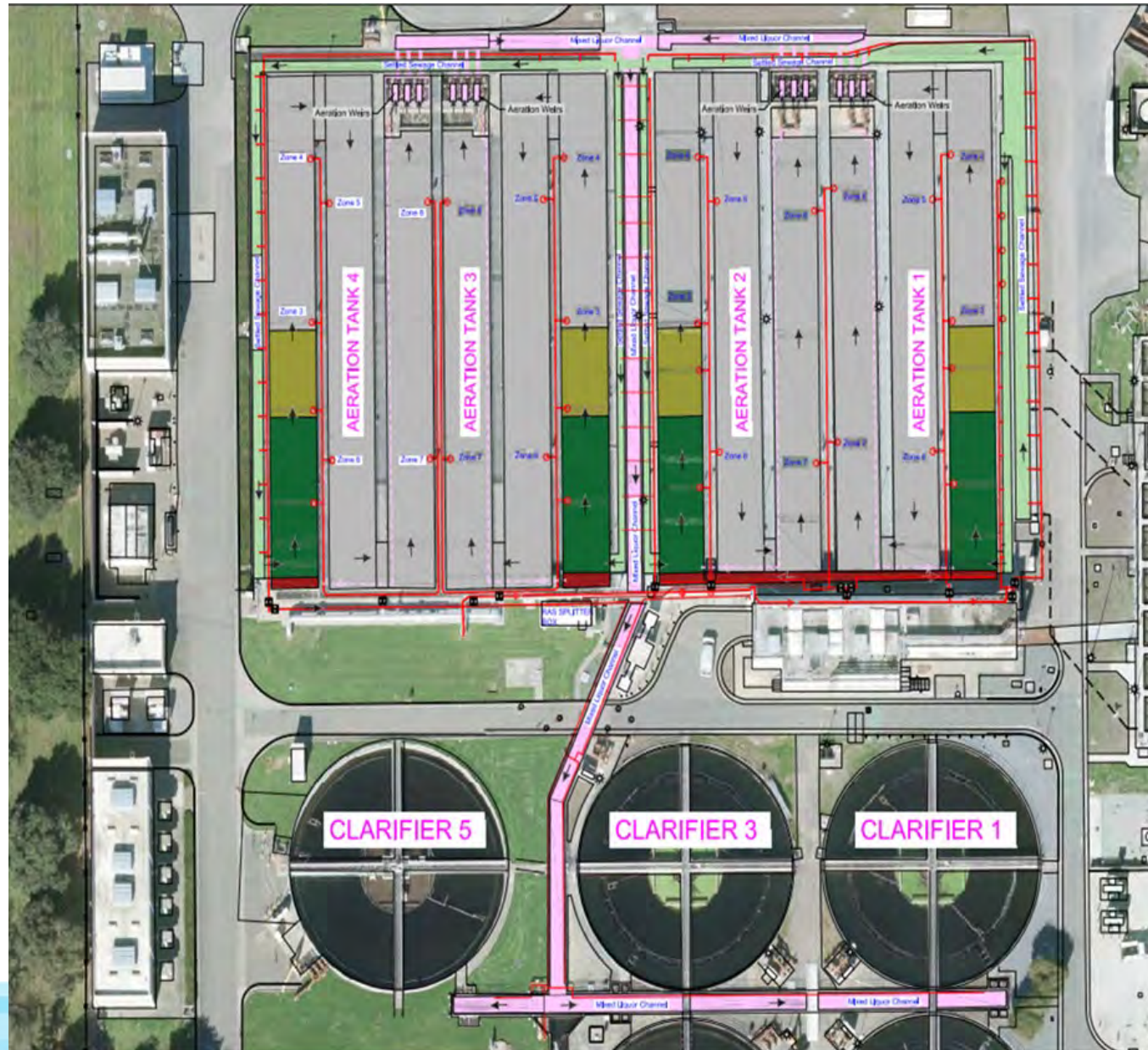
Condition Assessment

2023 – 2024

Design

2025 – 2026

Construction



LTP On-Call Contracts

September 2021

Filter Valve Leak

September 2021

Reclamation Main Break

October 2021

Clarifier Corrosion

November 2021

Aeration Piping Bypass

December 2021

Sink Hole

January 2022

Recycled Water Main Break



Questions?

