

Future CIP projects needed.xlsx
Feb 25, 2021

FISCAL YEAR:

2020/2021
2021/2022
2022/2023
2023+

Operations / Treatment Plant:

No.	Description	Estimated Start Year
1	Electrical Rehabilitation Project (including: AB blower project, VFD's)	2020/2021
2	AB blowers, motors replacement	2021/2022
3	AB blower ducting from IPS to blower manifold	2021/2022
4	Skimmer troughs need to be replaced	2021/2022
5	Digester Blowers replacement & rebuild	2021/2022
6	Recycled Water preliminary design project (assume 50-50 share?)	2021/2022
7	Updated Master Plan	2021/2022
8	Scada Upgrade	2022/2023
9	Replace & Relocate IPS control panel to Operations electrical room (address moisture issue)	2022/2023
10	Recycled Water Construction for first phase	2022/2023
11	Integrated GIS system	2022/2023
12	Scan Easement Book and documents, surveyor draw easements in AutoCAD, and add to GIS	2022/2023
13	Recycled Water Construction for remaining phases	2025
14	Headworks upgrade to remove grease and silt	2030
15	Bigger chlorine contact basins	2030
16	Secondary Treatment Plant Replacement	2030

Buildings:

No.	Description	Estimated Start Year
1	Roof for Admin, Operations, and Board room building	2020/2021
2	Maintenance Gate controller with new keypads	2021/2022
3	HVAC system for admin, board room, and maintenance building	2021/2022
4	Admin Parking lot lighting	2021/2022
5	Main Gate replacement with motorized gate and keypads	2021/2022
6	Video/webinar capabilities in Ex. Board room (speakers, screens, microphones)	2022/2023
7	Fix drainage issue or Maintenance Bldg drainage swale	2022/2023
8	Admin Bathroom	2022/2023
9	Replace equipment/vehicle carports and add solar	2023/2024

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Equipment:

No.	Description	Estimated Start Year
1	Forklift purchase	2021/2022
2	1991 John Deere tractor replacement	2021/2022
3	2013 Combination cleaner (VAC-CON) (10-year replacement)	2022/2023
4	1993 Water truck replacement	2023/2024

Collections:

No.	Description	Estimated Start Year
1	Caltrans HOV- Posilipo gravity main and force main relocation- design	2020/2021
2	Trunk mainline & Manholes lining rehab project	2021/2022
3	Sewer mainline lining rehab project: 14,692 ft = 2.77 mi	2021/2022
4	GPS manholes	2021/2022
5	Sewer mainline lining rehab project: 30,646 ft = 5.8 mi	2022/2023
6	CMMS - Computerized Maintenance Management Program	2022/2023
7	Manhole rehab project (Lining)	2022/2023
8	Caltrans HOV- Posilipo gravity main and force main relocation- construction	2022/2023
9	Sewer mainline lining rehab project: 35,606 ft = 6.74 mi	2023/2024
10	Sewer mainline lining rehab project: 20,878 ft = 3.95 mi	2025

Lift Stations:

No.	Description	Estimated Start Year
1	Channel Lift Station wet well access hatch project	2022/2023
1	Channel Lift Station force main replacement	2022/2023
1	Channel Lift Station By-pass valving	2022/2023
2	Eucalyptus Lift station upgrade project (install individual wet wells or rehabilitate station)	2023/2024
3	Bonnymede Lift Station electrical controls upgrade project (motor control center with remote monitoring installed at ground level)	2024/2025