



Sunnyvale

Sunnyvale Cleanwater Program

Chip Taylor, Ramana Chinnakotla

Santa Clara Valley Water District
Board of Directors Meeting

October 6, 2021



Sunnyvale Water Pollution Control Plant (WPCP)



Sunnyvale Water Pollution Control Plant (WPCP)



Sunnyvale Cleanwater Master Plan



Purpose of the Cleanwater Program



**Comply with
regulatory
standards.**



**Extend the
facilities' life.**



**Keep the
Plant safe
and dry.**



**Optimize cost
for
ratepayers.**



**Improve
reliability of
power
supply.**

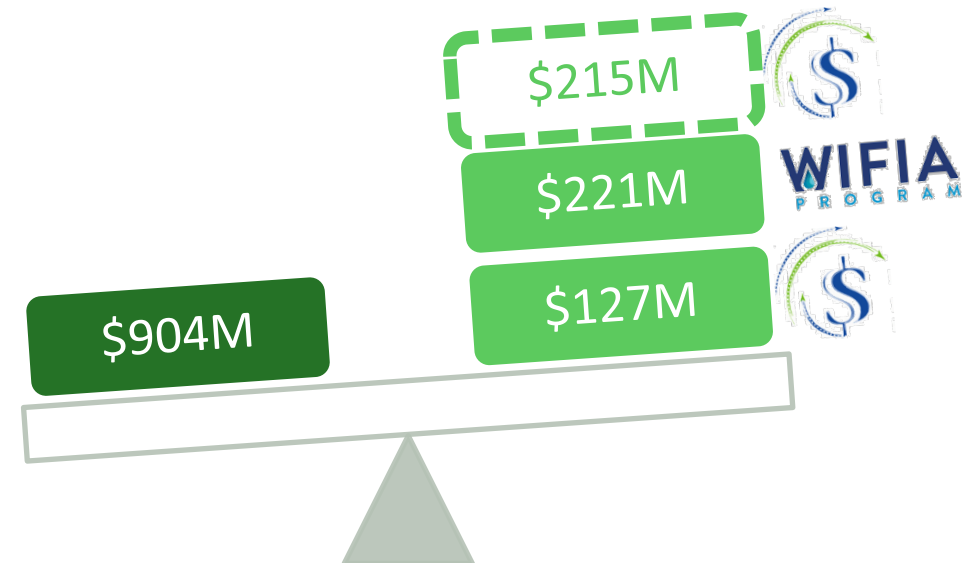
Sunnyvale Cleanwater Program



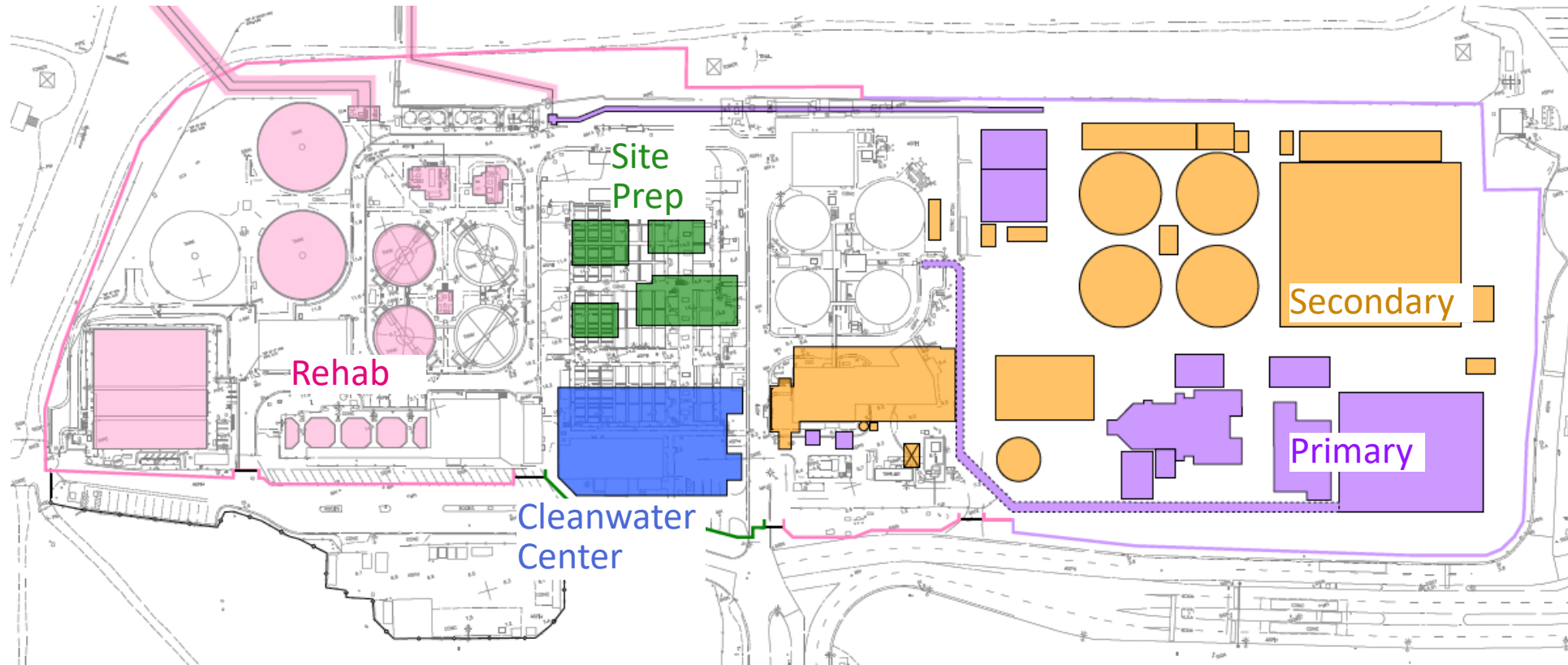
Financing

Costs

Loans



Current Projects



Headworks/Primary Treatment




Cleanwater Center



Perimeter Wall



Construction Schedule

2021				2022				2023				2024				2025			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Primary/Headworks																			
		Site Prep																	
						Secondary Project (Main)													
						Plant Rehab (Main)													
								 Perimeter Wall											
												Pipeline Rehab							
												Cleanwater Center*							

Master Plan Update—Strategic Issues



- Codigesting food waste
- Capacity increase for Moffett Park Specific Plan
- Secondary treatment alternatives
- Odor management
- Sea level rise
- PFAS and biosolids disposal

Thank You

- Environmental Services Department
 - ◆ Ramana Chinnakotla, Director
 - 408-730-7785
 - rchinnakotla@sunnyvale.ca.gov
- Public Works Department
 - ◆ Charles Taylor, Director
 - 408-730-7552
 - ctaylor@sunnyvale.ca.gov



Questions