



Biosolids Public-Private Partnership (P3) Facility Update

Treatment Plant Advisory Committee Item No. 5.C.

October 12, 2023



San José-
Santa Clara
Regional
Wastewater
Facility

Background

2013

Plant Master Plan

- *Establishment of biosolids management guiding principles*

2015

2015 Biosolids Transition Strategy

- *Construction of Digested Sludge Dewatering Facility and retirement of lagoons and drying beds*

2021

2021 Dewatered Biosolids Management Strategy

- *Procurement of short-term off-site beneficial use service agreements; long-term on-site partner facility; permitting of local natural and working lands for biosolids*

2022

2022 Digested Sludge Dewatering Facility Contract approval

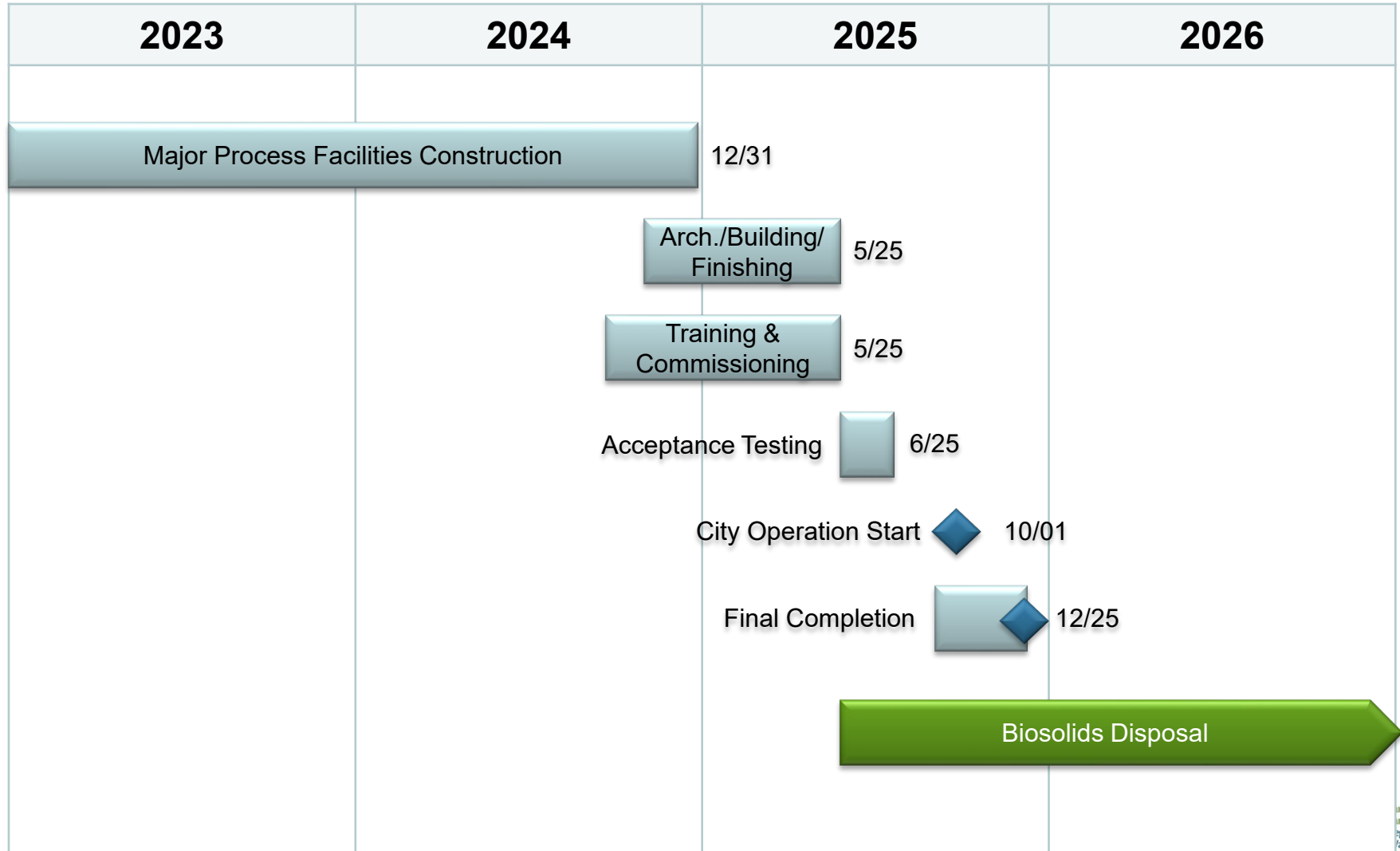
- *Approval of amended and restated design-build contract*

2022

2022 Approval of Transportation and Beneficial Use Service Agreements

- *Award of agreements to Denali Water Solutions, LLC, Synagro West, LLC, Lystek International Limited*

Digested Sludge Dewatering Project –Timeline



Digested Sludge Dewatering Project – Progress Photos

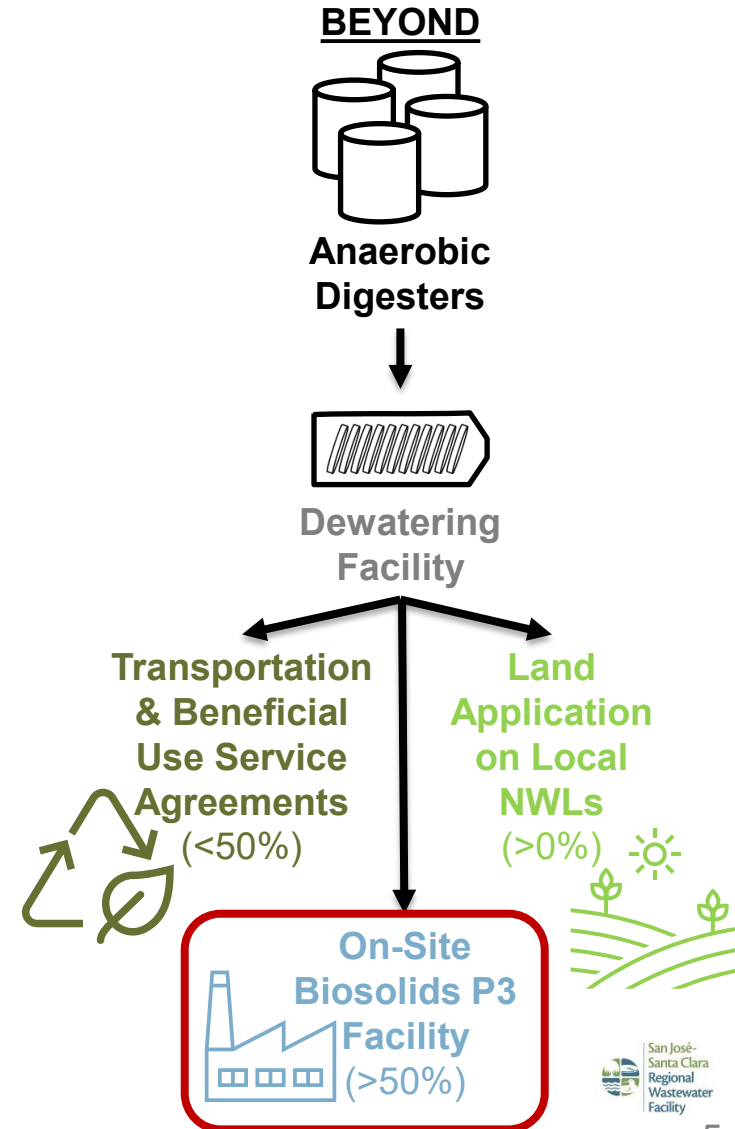
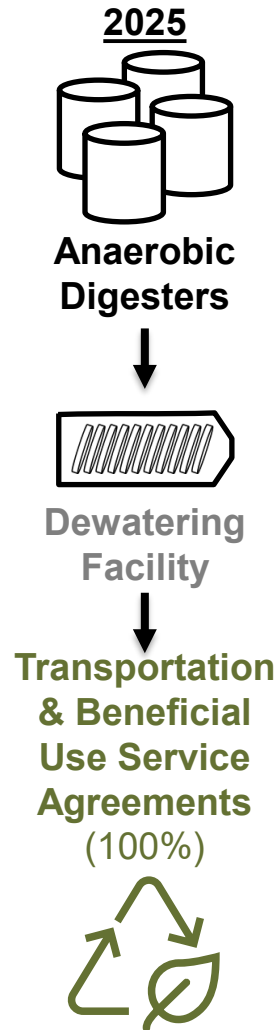


Dewatering Building completed walls
Truck Load-Out slab-on-grade rebar installation



Sludge holding tank wall construction

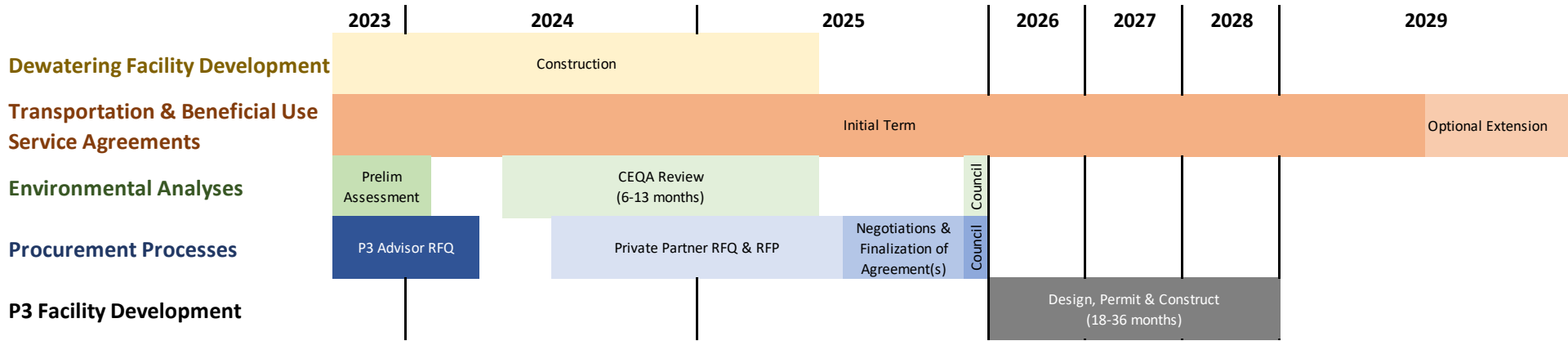
RWF Dewatered Biosolids Management Strategy



P3 Facility Market Sounding

- RFI issued in February 2023
- 10 private companies responded expressing interest
 - Mix of technology providers, infrastructure developers, and infrastructure investors
- Respondents estimated needing 18-36 months to design, permit, and construct facility
- Respondents need minimum 20-year operating term, preferred 25-30 years
- Financial Feasibility Analysis - thermal drying and thermal hydrolysis as proxies

Next Steps



Recommendation

Accept the status report on the proposed biosolids public-private partnership facility at the San José-Santa Clara Regional Wastewater Facility.