

PURE WATER SILICON VALLEY

AUGUST 19, 2025



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Potable Reuse: Project Commitment

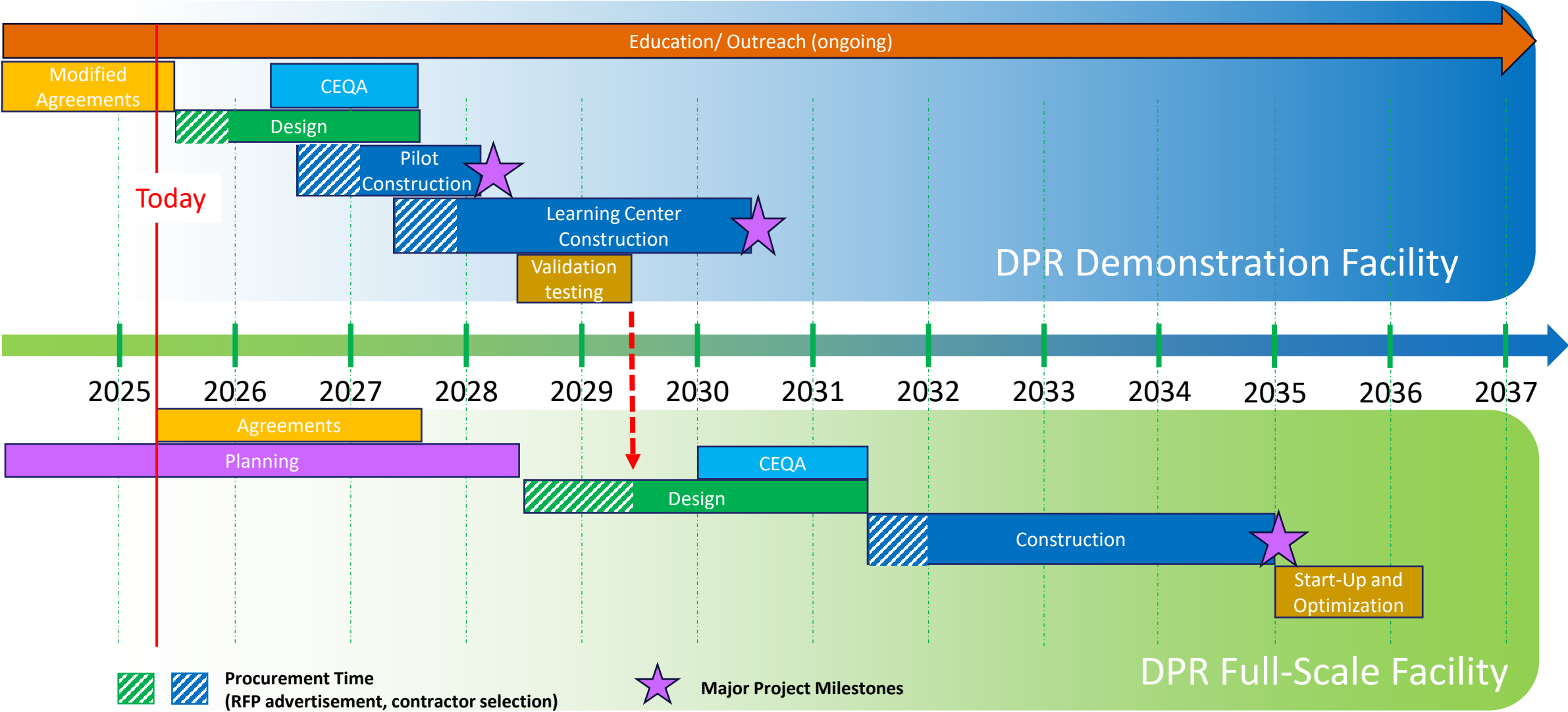
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- Potable reuse goal
 - 24,000 AFY by 2035 – a Purified Water focus on a project in San José
- Letter of Intent with the Cities:
 - VW Board & San José City Council directed aggressive pursuit of joint project to meet local supply needs that is the largest size practicable within funding, env. & technical constraints.
- Approved Capital Improvement Program
 - Pure Water Silicon Valley Project Phase 1 (Demonstration Facility)

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Draft Timeline for Pure Water Silicon Valley



Demonstration Facility Need and Progress

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- Enable permitting of full-scale facility in expedited manner and reduce risk
- Validation studies required for permitting to ensure that pathogens and chemicals are removed to meet stringent DPR standards.
- Evaluate advanced water treatment technologies
- Ensure operator training
- Learning center located inside of the demonstration facility will provide for public education and outreach to ensure public support for the project.
- Progress: staff funding agreement, amended agreements, procurement for design consultant, CEQA, learning center site visits.
- Meeting with regulators on testing plan for the demonstration facility and a regulatory roadmap for future permit applications for the full-scale facility

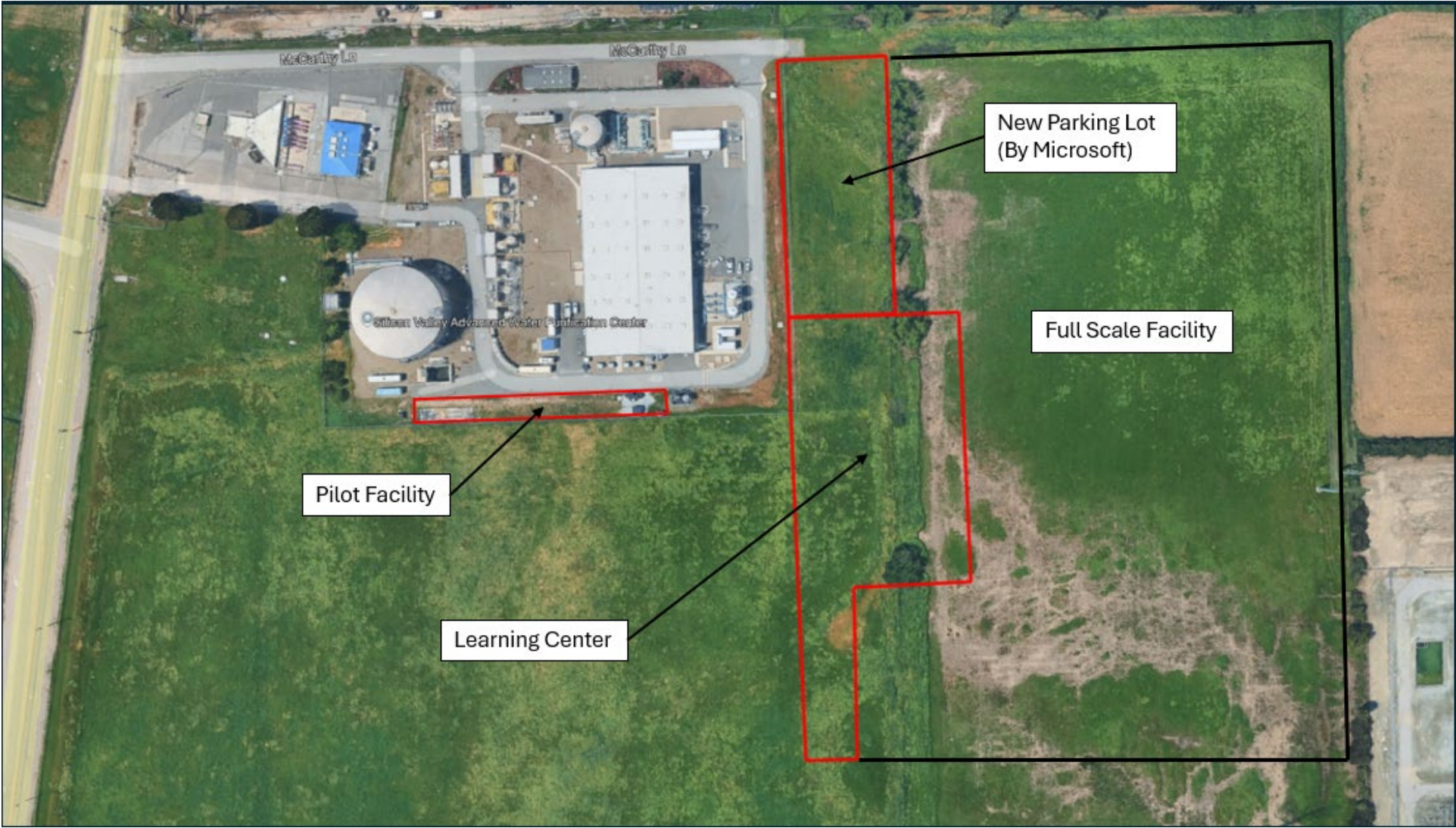
Full Scale Facility

- SFPUC collaboration opportunities
- Charter and Vision

Spurred by a sense of urgency and a shared commitment to a sustainable future providing safe, clean water for those who live and work in our region, we will implement an innovative, cost-effective, potable reuse program providing a locally-controlled, drought-resilient water supply. This project will be a model of inter-agency cooperation efficiently synergizing with existing resources in the interest of the public good and environmental stewardship.

- Exclusive Negotiation Agreement (ENA) being developed to set aside land

Pilot/Demonstration and Full-Scale Facilities



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Roadmap

Develop long-term interagency agreements in parallel:

- Address wastewater availability
- ROC and waste stream management
- DPR regulatory requirements (source control, wastewater characterization, etc.)
- DPR facility Operations and Maintenance
- Land Lease

Grants

- Valley Water procured technical consultant services to provide multi-year support for state and federal grant and loan applications.
- The engineering consultant will assist in developing a San José Purified Water Project feasibility study.
 - The feasibility study is required for future grant applications to support design and construction of the full-scale project.
 - City of San José staff participated in the review and selection of this engineering support for this study.

Water Supply Outreach

Our Goals:

- *To educate*
- *To be transparent*
- *To raise awareness*
- *To build public support for Potable Reuse*



August 19 Action

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Accept the purified water project update, including the following next steps:

- Development of a project charter and exclusive negotiation agreement as necessary initial steps for a full-scale facility
- Coordinated public outreach and education programs to ensure success of Direct Potable Reuse Project
- Project updates twice per year or as needed to JRWPAC

QUESTIONS

