

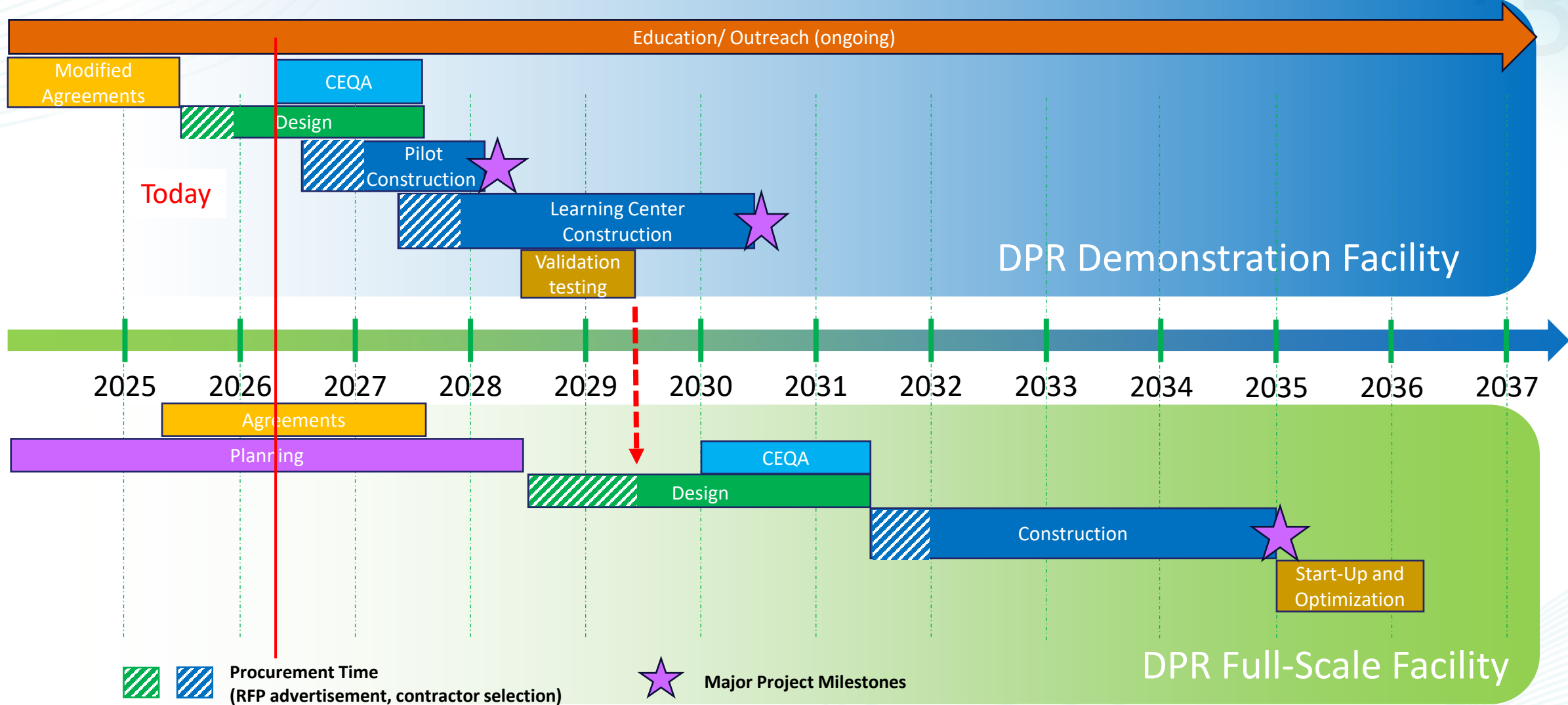


Update on Pure Water Silicon Valley Project Environmental and Water Resources Committee

Date: July 20, 2026

Presented by: Kirsten Struve

Draft Timeline for Pure Water Silicon Valley



Potable Reuse: Agreements

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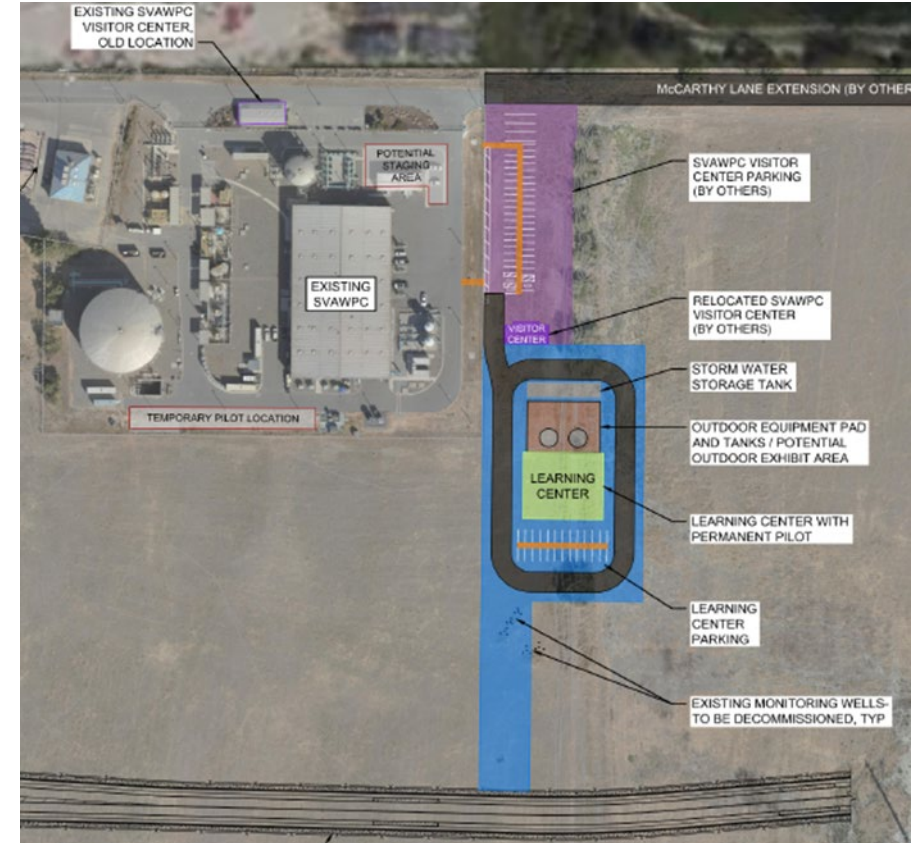
Letter of Intent with the Cities:

- 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.
- Staff funding agreements with cities
- Option Agreement for Demonstration Facility/Learning center, including amended lease, integration agreement and O&M agreement
- Exclusive Negotiation Agreement to set aside land for Full Scale facility
- Charter to guide new agreements for full scale facility: water availability, lease, O&M, RO Concentrate



Demonstration Facility Progress

- Procurement for Design Services for Demonstration Facility Completed
- Learning Center Exhibit RFP under development
- Total Project Cost: \$100M



CIP: Pure Water Silicon Valley Full Scale cost

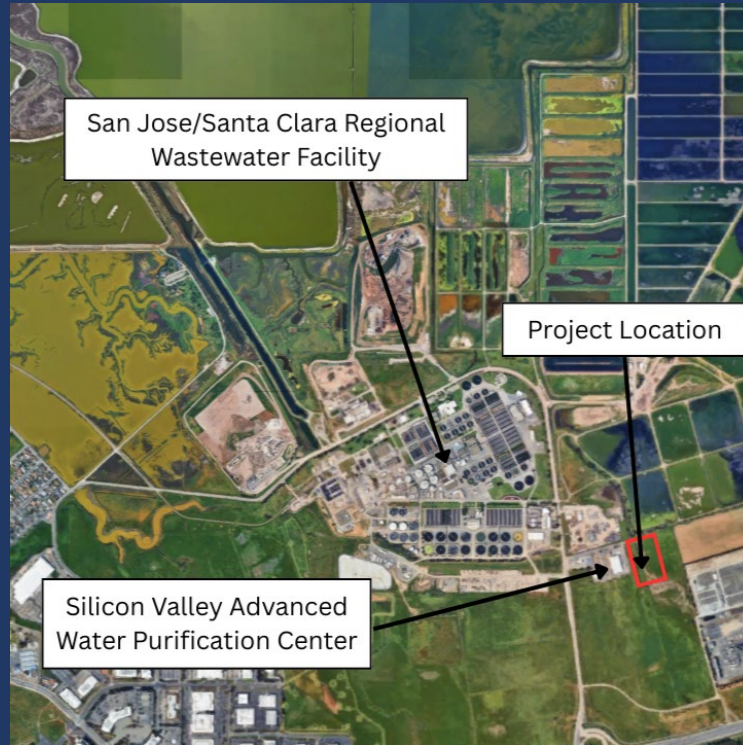
TPC: \$2.45B

Funding: Funds 61*

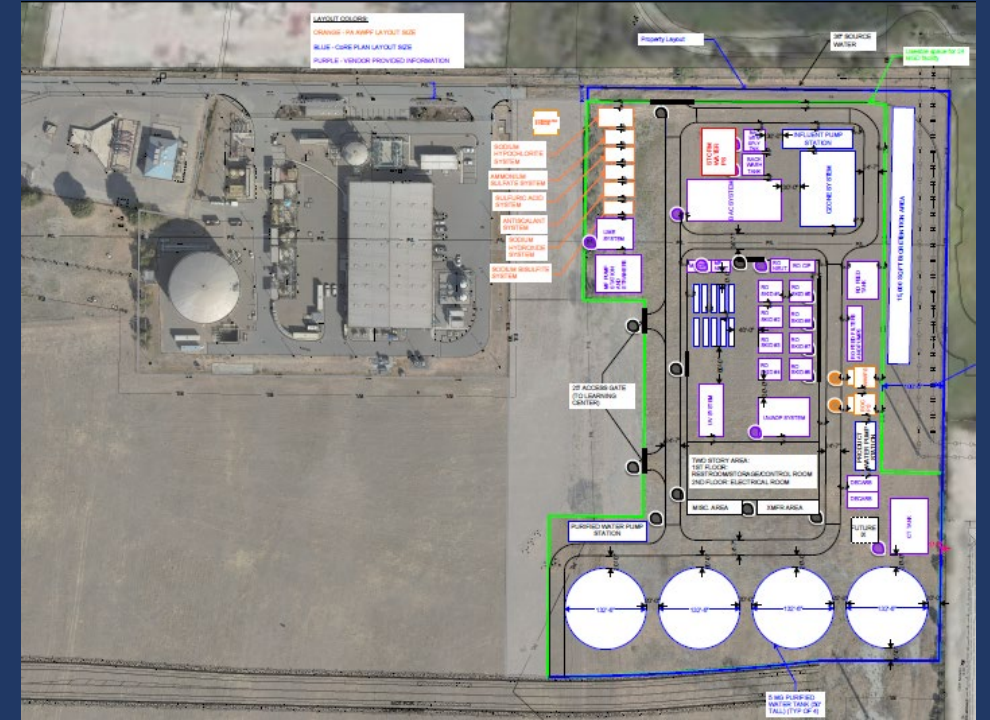
Duration: 7-10 Years

Location: San Jose, CA

Facility near SVAWPC



Direct Potable Reuse Facility



Objectives:

1. Provide a drought-proof and locally controlled water supply
2. Design, construct and permit a Direct Potable Reuse Full-Scale Facility
3. Meet the Board's approved goal of 24,000 Acre-Feet per Year (AFY) of potable reuse by 2035

Regulatory Coordination & Technical Studies

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Science-Based Implementation

- Monthly coordination with the **Division of Drinking Water (DDW)**
- Permitting roadmap developed and presented to DDW
- Completed the **Concept Proposal and Pilot Testing Plan**
- Independent Advisory Panel (IAP) managed by the **National Water Research Institute (NWRI)** reviewing technical approach
- Continuing evaluations and studies on Reverse Osmosis Concentrate (ROC) management (e.g., Nature-Based Solutions)
- Coordination with **Regional Water Quality Control Board**

Grants & Feasibility Studies

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Federal Support

- **U.S. Bureau of Reclamation:**
 - Funding provided for the core Feasibility Study.
 - Study supports future construction grant eligibility.
- **EPA Support:**
 - Secured **\$1,092,000** in Community Project Funding for Demonstration Facility planning.
 - Included in **FY26 Interior-Environment Appropriations Bill.**

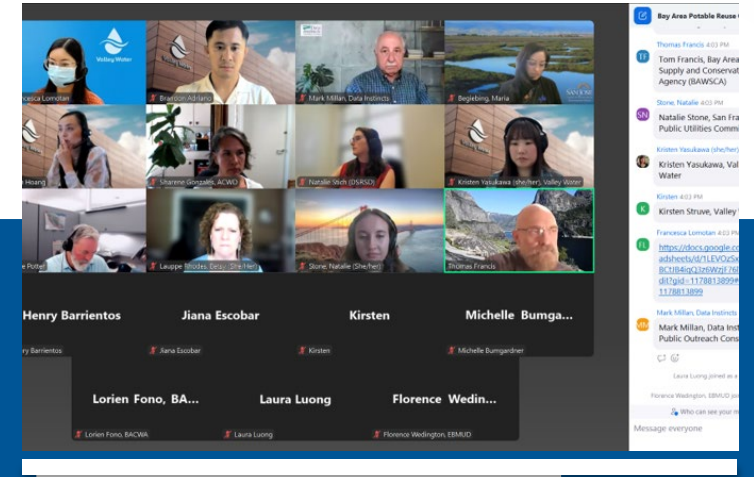
Purified Water Outreach



Tours



Recognition



Bay Area Collaboration

Build trust in purified water

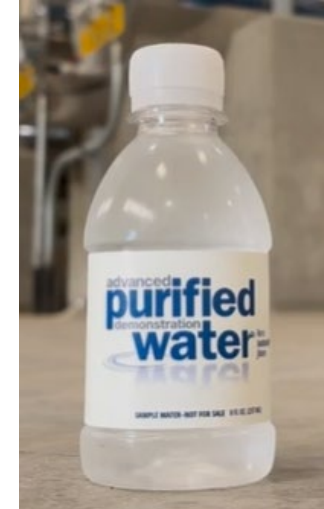
Purified Water Bottling & Learning Center

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- Second batch of **16,000 purified water bottles** approved (Jan 2026) for educational sampling.
- Hosted **Bay Area Potable Reuse Outreach Collaboration**.
- Pure Water Silicon Valley Learning Center.



Purified Water Bottling Project Team



Purified Water Bottle



Pure Water Silicon Valley
and Learning Center Site

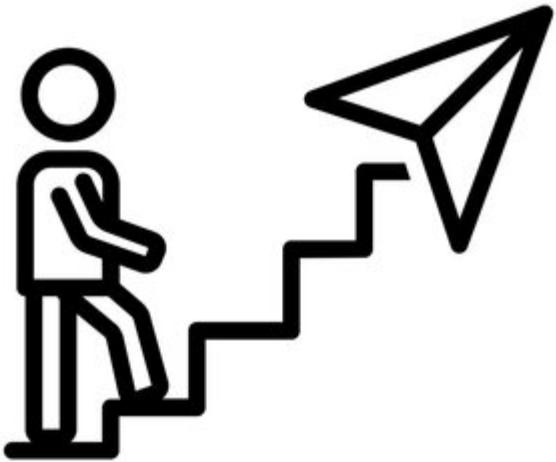
Next Steps

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Moving Forward

The path to 2030 will be:

- Complete **design** for the Demonstration Facility & Learning Center.
- Begin procurement for **Learning Center educational exhibits**.
- Finalize **Project Charter and DPR facility agreements**.
- Continue **technical studies and regulatory coordination**.
- Refine **public outreach** and maintain **stakeholder engagement**.



QUESTIONS

