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**Subject:** Comment for Valley Water Board Meeting on Tuesday, June 25, 2024

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**To:** Valley Water Board and Staff Members

**Date:** 6/24/24

**Subject:** Comment for Valley Water Board Meeting on Tuesday, June 25, 2024

#### Agenda Item 3.4

Link: [Agenda \(legistar1.com\)](https://legistar1.com)

Manager:

Kristen Struve

See attachments titled:

**Attachments 5: PowerPoint**

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**Cost of Major**

**Supply Projects**

#### Comment:

In the slide titled 'Cost of Major Supply Projects' (R1) :

1. How were the 'Capital Costs' and 'Annual O&M' estimates developed?
2. How do these performance projection estimates of 'Capital Cost' and 'Annual O&M' compare to best-in-class benchmarks?
  - Orange County's Wastewater Recycling to groundwater well injection facility
  - Carlsbad Desalinization Plant

Best regards,

*Jim*

**Jim Kuhl, Civic Issue Activist and Environmental Advocate**

Email: [jim.kuhl@comcast.net](mailto:jim.kuhl@comcast.net)

**Comment Background Appendix:**

## Cost of Major Supply Projects

All costs are in 2023 dollars

Project	Average Annual Supply (AF)	Capital Cost (Millions)	Annual O&M (Millions)	Present Value Lifecycle Cost* (Millions)	Lifecycle Cost PV/ Yield PV (\$/AF)	Annualized Unit cost (\$/AF)
Palo Alto Potable Reuse	8,000	\$780	\$13	\$1,570	\$10,200	\$9,000
San José Direct Potable Reuse	24,000	\$2,140	\$30	\$2,610	\$6,400	\$5,000
Local Seawater Desalination	24,000	\$2,140	\$30	\$2,610	\$6,400	\$5,000
Refinery Recycled Water Exchange	8,000	\$250	\$9	\$430	\$2,800	\$2,500
Delta Conveyance Project	14,000	\$650	\$2	\$720	\$2,700	\$1,800
Sites Reservoir	5,000	\$140	\$0.6	\$130	\$1,200	\$1,000

\* Project lifecycles vary

Attachment 5  
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