

From: jim.kuhl@comcast.net <jim.kuhl@comcast.net>
Sent: Monday, June 24, 2024 2:07 PM
To: Clerk of the Board <clerkoftheboard@valleywater.org>; Board of Directors <board@valleywater.org>; John Varela <jvarela@valleywater.org>; Barbara Keegan <BKeegan@valleywater.org>; Richard Santos <rsantos@valleywater.org>; Jim Beall <JBeall@valleywater.org>; Nai Hsueh <NHsueh@valleywater.org>; Tony Estremera <TEstremera@valleywater.org>; Rebecca Eisenberg <Reisenberg@valleywater.org>
Cc: Rachael Gibson <rgibson@valleywater.org>; Matt Keller <MKeller@valleywater.org>; Michael Potter <MPotter@valleywater.org>; Aaron Baker <ABaker@valleywater.org>; Vincent Gin <VGin@valleywater.org>; Kirsten Struve <KStruve@valleywater.org>
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

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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