

**CIP list for CVPCSD - 2023-24**

<b>Item</b>	<b>Description</b>	<b>cost</b>	<b>Total</b>	<b>year</b>	<b>Priority</b>
<b>Iwaki Pumps</b>	Diaphragm pump for chem feed	660.58 each x 4	\$2500-3000	Jul-23	<b>1</b>
<b>Raw WQ</b>	New sample pump, hach 5300 turbidimeter, pH probe	NTU-\$4k, pH \$1500, Pump \$500.	\$6-8k total, Plus SCADA programming	2023/24	<b>1</b>
<b>Distribution valve replacements</b>	replace stuck/broken valves as we find them though our first year exercising. Add new iso valves at key areas to minimize customer shutdowns during repairs. (info from Hydros)	As needed	tbd	Ongoing	<b>1</b>
<b>Hydrant replacements</b>	Upgrade old dry barrel hydrants to wet barrel	As needed	tbd	Ongoing	<b>1</b>
<b>Tree work on road and at plant</b>	TBD	TBD		2023/24	<b>1</b>
<b>Scan system maps</b>	Scan maps to have digital record of historical maps	In process		2023/24	<b>1</b>
<b>Filter 3 rehab/rebuild</b>	TBD	TBD	??	2023/24 get info from consultant on rebuild.	<b>2</b>
<b>New Chem tanks</b>	New chem tanks with bottom feed to fix air lock and priming issues. *** Replumbed post hypo tank to bottom feed and is working great so far. Hoping this can be a short term solution to new tanks. Will need to purchase tank stands .	\$1500 each. <b>Plumbing for retro fit around \$250 each</b>	\$6k	2022/23	<b>2</b>

<b>Jib Crane inspection/ New crane</b>	Current jib crane at upper plant needs inspection and hoist. Possible new foundation. For hoisting chemical drums.	TBD	Inspection in process	2022/23 for inspection. 2023/24 for new if needed	2
<b>Sample stations (5)</b>	WQ sample stations in the dist system. Removes the need to sample at customers house and hydrants.	Materials \$7000. Labor Est -\$6-10k.	\$13-17k total	2023/24	2
<b>Hydrant construction meters for rent</b>	Purchase a couple hydrant meters for contractors to use when they want water. Use local agencies as reference	\$3,600			3
<b>Innerties With NID/PCWA</b>	Possible innertie with NID and PCWA at strategic locations to aid in redundancy. Currently we only have one water source at the canal.			TBD	?