

## ATTACHMENT 3 – WATER UTILITY ASSET RISK SUMMARY

**Table 1. Water Utility Risk Profile Summary<sup>1</sup>**

Risk Level	No. of Assets	% by Number	Value of Assets	% by Value
Critical	277	5%	\$ 2,410,000,000 <sup>2</sup>	76%
Moderate	225	4%	\$ 66,000,000	2%
Low	4890	91%	\$ 690,000,000	22%

**Table 2. Highest Risk Water Utility Assets and Mitigation Strategies**

Rank	Asset Description	CoF	PoF	BRE	Replacement Cost	Risk Mitigation Strategy
1	Anderson Dam Structure	4	30	120	\$ 445,000,000	CIP in progress to rehab; Reservoir is being operated at lower water elevation until rehab project is complete.
2	Vasona Pump Main Pump #100	5	21	105	\$ 135,000	CIP in progress to replace
3	Vasona Pump Main Pump #100 Motor	5	21	105	\$ 123,600	CIP in progress to replace
4	Almaden Dam Outlet Works	4	25	100	\$ 1,000,000	CIP in progress to rehab
5	RWTP Treated Water Booster Pump #1	5	20	100	\$ 142,500	Currently being repaired
6	RWTP Flocculator #4 Inlet Valve (B4)	4	24	96	\$ 73,200	CIP in progress to replace
7	RWTP Flocculator #3 Outlet Valve (B9)	4	24	96	\$ 60,000	CIP in progress to replace
8	RWTP Flocculator Drain Valves (3)	4	23	92	\$ 6,000	CIP in progress to replace
9	Pacheco Conduit Bifurcation 84" Butterfly Valve	4	23	92	\$ 220,000	CIP in progress to replace

<sup>1</sup> Excludes Campbell Well Field assets, Silicon Valley Advanced Water Purification Center assets, and approximately 2,900 assets at other water utility facilities where a CoF or PoF score has yet to be assessed, and therefore cannot calculate the BRE.

<sup>2</sup> High value of critical risk assets is because the District's ten dam structures fall into the critical risk category. All ten dam structures have a BRE of 60 or greater because all ten dams have the highest possible CoF value of 30, because the impacts of dam failure would be catastrophic. PoF scores range from 2 to 4, as condition varies by dam depending on its age and need for seismic retrofits.

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