

		17-Apr-24										
CIP Prog. #	Water System Components & Project Titles	FY 2024-25	Notes	FY 2025-2026	Notes	FY 2026-27	Notes	FY 2027-28	Notes	FY 2028-2029	Notes	TOTALS
	<u>TRANSMISSION (Tier 1)</u>											
Tier 1: W - Transm	Rehabilitation/Replacement of Radial Gate at Lower Diversion Point on the Arroyo Hondo	\$27,000	Gannett Fleming Condition Assessment	\$50,000	TBD based on condition assessment; placeholder for budget	50000						\$127,000
Tier 1: W - Transm	Drought Relief Wells Project	75,000	\$350k DWR grant; \$75k collected in FY2021-22; \$130k+ expended; \$75k to cover non-grant costs									\$75,000
Tier 1: W - Transm	Arroyo Hondo Pipeline replacement (between upper and lower dams)					\$30,000	Included as a project in the district's LHMP; engineering costs	\$105,000	B&R est. is \$210,000	\$105,000	B&R est. is \$210,000	\$240,000
	<b>Subtotal Tier 1 - Transmission</b>	<b>\$102,000</b>		<b>\$50,000</b>		<b>\$80,000</b>		<b>\$105,000</b>		<b>\$105,000</b>	<b>Total Tier 1 - Transmission</b>	<b>\$442,000</b>
	<u>TREATMENT (Tier 1)</u>											
Tier 1: W - Trmt	Replace Coagulation Plumbing Inside WRTP		staff estimate - \$20k collected and in reserves									\$0
	<b>Subtotal Tier 1 - Treatment</b>	<b>\$0</b>		<b>\$0</b>		<b>\$0</b>		<b>0</b>		<b>0</b>	<b>Total Tier 1 - Treatment</b>	<b>\$0</b>
	<u>DISTRIBUTION (Tier 1)</u>											
Tier 1: W - Dist	West Tank Rehabilitation Project	150,000	\$450k collected b/t FY 20-21 & FY 22-23; - \$200k transferred to Tank Site Pipeline project, \$250k in reserves	\$150,000	Included as a project in the district's LHMP	\$150,000	collect final funds and install project					\$450,000

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Tier 1: W-Dist	Tank Site Pipeline Replacement Project (discharge piping and valves between East and West Tanks)	0	\$150k collected b/t FY 21-22 & FY 22-23; \$200k transferred from West Tank in FY23-24, \$350k in reserves (MINUS approx. \$70k in eng./other costs pd this FY, so <b>\$280k in reserves now</b> )	\$50,000	to reimburse reserves for excess costs incurred (TBD after project installed; Piazza contract is \$318,850)							\$50,000
Tier 1: W-Dist	High Priority Water Main Replacement Project (steel water mains on the Bolinas Mesa - see below)		<b>\$170k collected and in reserves for engineering</b>									\$0
Tier 1: W-Dist	Water Main Replacement Project - <b>400 Block of Birch Road</b> (Larch to Poplar) - 4"					54,060	Stetson estimate is \$108,120 (2022)	\$54,060				\$108,120
Tier 1: W-Dist	Water Main Replacement Project - <b>500 Block of Birch Road</b> (Poplar to Mesa) - 4"							\$108,120	Stetson estimate 2022			\$108,120
Tier 1: W-Dist	Water Main Replacement Project - <b>200 Block of Kale Road</b> (Elm-Alder) - 2 1/2" becomes 4"							\$46,795	Stetson estimate 2022 (\$93,590)	\$46,795	Stetson estimate 2022	\$93,590
Tier 1: W-Dist	Water Main Replacement Project - <b>300 Block of Cedar Road</b> (Alder to Larch) - 4"									\$102,000	Stetson estimate 2022	\$102,000
Tier 1: W-Dist	Replace Booster Pump Line from WRTP to Commonweal (approx. 1600 feet of 6" HDPE - thin wall, inappropriate for high pressure; replace with 4" C900)			\$40,000	staff estimate of \$100/linear foot	\$40,000		\$40,000		40,000	install project	\$160,000
Tier 2: W-Dist	Water Main Replacement Project - <b>200 Block of Fern Road</b> (Elm to Alder) - 4"									108800	Stetson estimate 2022	\$108,800
	<b>Subtotal Tier 1 - Distribution</b>	<b>\$150,000</b>		<b>\$240,000</b>		<b>\$244,060</b>		<b>\$248,975</b>		<b>\$297,595</b>	<b>Total Tier 1 - Distribution</b>	<b>\$1,180,630</b>
	<b>TOTAL TIER 1</b>	<b>\$252,000</b>		<b>\$290,000</b>		<b>\$324,060</b>		<b>\$353,975</b>		<b>\$402,595</b>	<b>TOTAL TIER 1</b>	<b>\$1,622,630</b>

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	<u>TRANSMISSION (Tier 2)</u>											
Tier 2: W-Trans	Replace/Rehab Upper Dam on the Arroyo Hondo (raisable dam/gate)	TBD	Included as a project in the district's LHMP									
Tier 2: W-Trans	Install Bypass: to enable district to convey water from Woodrat 2 directly into WRTP		estimate needed from enginner					50,000	placeholder for budget purposes	50000	placeholder for budget purposes	\$100,000
Tier 2: W-Trans	Replace intake piping/valves (Woodrat 1)	\$50,000	\$33k collected and in reserves	\$50,000								\$100,000
Tier 2: W-Trans	Replace intake piping/valves (Woodrat 2)	\$50,000	\$65k B&R est.	\$50,000								\$100,000
	<b>Subtotal Tier 2 - Transmission</b>	<b>\$100,000</b>		<b>\$100,000</b>		<b>\$0</b>		<b>\$50,000</b>		<b>\$50,000</b>		<b>\$300,000</b>
	<u>TREATMENT (Tier 2)</u>											
Tier 2: W-Trmt	SCADA project - updated proposal needed			\$25,000	\$25k collected in FY 2019-20 in reserves							\$25,000
Tier 2:W-Trmt	Install Fifth Filter at Treatment Plant							\$80,000	to reduce wear/tear on other filters			\$80,000
	<b>Subtotal Tier 2 - Treatment</b>	<b>\$0</b>		<b>\$25,000</b>		<b>\$0</b>		<b>\$80,000</b>		<b>\$0</b>		<b>\$105,000</b>
	<u>DISTRIBUTION (Tier 2)</u>											
Tier 2: W-Dist	Remote Water Meter Read System (priority in Tier 2 TBD)					\$80,000		\$80,000		\$80,000		\$240,000

CIP Prog. #	Water System Components & Project Titles	FY 2024-25	Notes	FY 2025-2026	Notes	FY 2026-27	Notes	FY 2027-28	Notes	FY 2028-2029	Notes	TOTALS
Tier 2: W-Dist	Water Main Replacement Project - 100 Block of Cedar Road (Ocean Parkway to Elm) - 4"	\$102,000	Stetson estimate 2022									\$102,000
Tier 2: W-Dist	Water Main Replacement Project - 200 Block of Cedar Road (Elm to Alder) - 4"	\$102,000	Stetson estimate 2022									\$102,000
Tier 2: W-Dist	Water Main Replacement Project - 400 Block of Grove Road (Larch to Poplar) - 2" becomes 4"	\$123,195	Stetson estimate 2022									\$123,195
Tier 2: W-Dist	Water Main Replacement Project - 100 Block of Birch Road (Ocean Parkway to Elm) - 4"	\$54,060		\$54,060	Stetson estimate 2022 \$108,120							\$108,120
Tier 2: W-Dist	Block of Walnut Road (1/2 block) (Larch to 330 and 345 Walnut) - 2" becomes 4"			\$50,740	Stetson estimate 2022							\$50,740
Tier 2:W-Dist	Water Main Replacement Project - 400 Block of Walnut (Larch - Poplar) - 2" becomes 4"			\$103,015	Stetson estimate 2022							\$103,015
Tier 2: W-Dist	Water Main Replacement Project - 400 Block of Fern (Larch - Poplar) - 2" becomes 4"			\$108,800	Stetson estimate 2022							\$108,800
Tier 2: W-Dist	Water Main Replacement Project - 200 Block of Hawthorne Road (Elm to Alder) - 4"			124,150	Stetson estimate 2022							\$124,150
Tier 2: W-Dist	Water Main Replacement Project - 300 Block of Hawthorne Road (Alder to Larch) - 4"					\$124,150	Stetson estimate 2022					\$124,150
Tier 2: W-Dist	Water Main Replacement Project - 200 Block of Grove Road (Elm to Alder) - 2" becomes 4"					\$123,195	Stetson estimate 2022					\$123,195
Tier 2: W-Dist	Water Main Replacement Project - 200 Block of Birch Road (Elm to Alder) - 4"					108,120	Stetson estimate 2022					\$108,120
Tier 2: W-Dist	Water Main Replacement Project - 300 Block of Birch Road (Alder to Larch) - 4"					108,120	Stetson estimate 2022					\$108,120
Tier 2: W-Dist	Water Main Replacement Project - 400 Block of Tulip Road (Larch - Poplar) - 2" becomes 4"					93590	Stetson estimate 2022					\$93,590
Tier 2: W-Dist	Water Main Replacement Project - Canyon Road - 6" 40 PVC							\$155,000	B&R estimate + 25%			\$155,000
Tier 2: W-Dist	Water Main Replacement Project - Ocean Avenue - 4"							116250	B&R estimate + 25%			\$116,250

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Tier 2: W-Dist	Water Main Replacement Project - Kale Road between Larch and Poplar							\$118,750	B&R estimate + 25%			\$118,750
Tier 2: W-Dist	NEW Water Main on Sycamore - 6" to connect Elm and Ocean Pkwy/Alder							\$55,000	B&R estimate + 25% (\$110,000)	\$55,000		\$110,000
Tier 2: W-Dist	NEW: Connect Aspen to Dogwood side streets to 10" main on Mesa									\$76,250	B&R estimate + 25%	\$76,250
Tier 2: W-Dist	NEW: Water Main on Poplar between Evergreen and Vine (new 6")									\$435,000	B&R estimate + 25%	\$435,000

Tier 2: W-Dist	<b>Subtotal Tier 2 - Distribution</b>	<b>\$381,255</b>		<b>\$440,765</b>		<b>\$637,175</b>		<b>\$525,000</b>		<b>\$646,250</b>	<b>Total Tier 2 - Distribution</b>	<b>\$2,630,445</b>
	<b>TOTAL TIER 2</b>	<b>\$481,255</b>		<b>\$565,765</b>		<b>\$637,175</b>		<b>\$655,000</b>		<b>\$696,250</b>		<b>\$3,035,445</b>
	<b>TOTAL (WATER)</b>	<b>\$733,255</b>		<b>\$855,765</b>		<b>\$961,235</b>		<b>\$1,008,975</b>		<b>\$1,098,845</b>		<b>\$4,658,075</b>