

**Water Capital Improvement Plan: 2018-2027 -- DRAFT - Mid-Year True Up**

<b>Funds Available</b>	<b>2018 Revised</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>5 Year Total 2018-2022</b>	<b>5 Year Total 2023-2027</b>	<b>10 Year Total</b>
Capital Reserve Balance (Includes Bond Funds)- Prior Year End	Note (1) \$ 16,620,582	\$ 12,216,000	\$ 7,354,000	\$ 7,389,000	\$ 7,141,000	\$ 7,177,000	\$ 7,213,000	\$ 7,249,000	\$ 7,285,000	\$ 7,321,000	\$ 7,357,000			
<b>Annual Revenue</b>														
Customer Contributions	\$ 1,133,000	\$ 1,133,000	\$ 1,167,000	\$ 1,202,000	\$ 1,238,000	\$ 1,275,000	\$ 1,313,000	\$ 1,353,000	\$ 1,393,000	\$ 1,435,000	\$ 1,478,000			
Water Rates and Reserves	\$ 8,179,000	\$ 8,179,000	\$ 11,982,000	\$ 13,642,000	\$ 14,402,000	\$ 13,043,000	\$ 14,043,000	\$ 12,328,000	\$ 14,264,000	\$ 16,167,000	\$ 16,786,000			
SDC	\$ 412,000	\$ 412,000	\$ 425,000	\$ 439,000	\$ 454,000	\$ 468,000	\$ 484,000	\$ 499,000	\$ 516,000	\$ 532,000	\$ 550,000			
Interest Earnings on Capital Reserve Fund	\$ 35,000	35,000	35,000	36,000	36,000	36,000	36,000	36,000	36,000	36,000	37,000			
Interest Earnings on Bond Reserve Fund	\$ 14,000	14,000	1,000	-	-	-	-	-	-	-	-			
Subtotal - Annual Revenue	\$ 9,773,000	\$ 9,773,000	\$ 13,610,000	\$ 15,319,000	\$ 16,130,000	\$ 14,822,000	\$ 15,876,000	\$ 14,216,000	\$ 16,209,000	\$ 18,170,000	\$ 18,851,000			
<b>Total Funds</b>	\$ 26,393,582	\$ 21,989,000	\$ 20,964,000	\$ 22,708,000	\$ 23,271,000	\$ 21,999,000	\$ 23,089,000	\$ 21,465,000	\$ 23,494,000	\$ 25,491,000	\$ 26,208,000			

**Expenditures**

**Type 1 - General Capital (rate funded)**

Source - Intake and Hayden Bridge	Note (2) \$ 815,000	\$ 577,000	\$ 223,000	\$ 120,000	\$ 124,000	\$ 128,000	\$ 131,000	\$ 135,000	\$ 139,000	\$ 144,000	\$ 148,000	\$ 1,172,000	\$ 697,000	\$ 1,869,000
Distribution - Pump Stations & Reservoirs	Note (3) \$ 1,174,000	\$ 896,000	\$ 446,000	\$ 1,278,000	\$ 248,000	\$ 777,000	\$ 621,000	\$ 640,000	\$ 659,000	\$ 678,000	\$ 699,000	\$ 3,645,000	\$ 3,297,000	\$ 6,942,000
Distribution - Pipelines	\$ 4,069,000	\$ 4,069,000	\$ 4,212,000	\$ 4,338,000	\$ 4,468,000	\$ 4,602,000	\$ 4,740,000	\$ 4,883,000	\$ 5,029,000	\$ 5,180,000	\$ 5,335,000	\$ 21,689,000	\$ 25,167,000	\$ 46,856,000
Distribution - Services & Meters	\$ 1,545,000	\$ 1,545,000	\$ 1,591,000	\$ 1,639,000	\$ 1,688,000	\$ 1,739,000	\$ 1,791,000	\$ 1,845,000	\$ 1,900,000	\$ 1,957,000	\$ 2,016,000	\$ 8,202,000	\$ 9,509,000	\$ 17,711,000
Information Technology	\$ 245,000	\$ 245,000	\$ 145,000	\$ 144,000	\$ 145,000	\$ 245,000	\$ 145,000	\$ 144,000	\$ 143,000	\$ 169,000	\$ 251,000	\$ 924,000	\$ 852,000	\$ 1,776,000
Buildings & Land	\$ 86,000	\$ 86,000	\$ 52,000	\$ 29,000	\$ 18,000	\$ 18,000	\$ 25,000	\$ 34,000	\$ 36,000	\$ 36,000	\$ 70,000	\$ 203,000	\$ 201,000	\$ 404,000
Fleet	Note (4) \$ 173,000	\$ 313,000	\$ 321,000	\$ 329,000	\$ 337,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 708,000	\$ 1,650,000	\$ 2,108,000	\$ 3,758,000
<b>Total Type 1 Expenditures</b>	\$ 8,107,000	\$ 7,731,000	\$ 6,990,000	\$ 7,877,000	\$ 7,028,000	\$ 7,859,000	\$ 7,803,000	\$ 8,031,000	\$ 8,256,000	\$ 8,514,000	\$ 9,227,000	\$ 37,485,000	\$ 41,831,000	\$ 79,316,000

**Type 2 - Rehabilitation & Expansion Projects (rate & bond funded)**

**Rate Funded Type 2 Projects**

Information Technology	Note (5) \$ 870,000	\$ 790,000	\$ 876,000	\$ 664,000	\$ 61,000	\$ 261,000	\$ 216,000	\$ -	\$ 63,000	\$ 486,000	\$ 180,000	\$ 2,652,000	\$ 945,000	\$ 3,597,000
Subtotal - Rate Funded Projects	\$ 870,000	\$ 790,000	\$ 876,000	\$ 664,000	\$ 61,000	\$ 261,000	\$ 216,000	\$ -	\$ 63,000	\$ 486,000	\$ 180,000	\$ 2,652,000	\$ 945,000	\$ 3,597,000

**Bond Eligible Type 2 Projects**

Source - Intake and Hayden Bridge	Note (6) \$ 3,360,000	\$ 3,286,000	\$ 1,061,000	\$ 656,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,003,000	\$ -	\$ 5,003,000
Distribution - Pump Stations & Reservoirs	Note (7) \$ 156,000	\$ 1,663,000	\$ 2,864,000	\$ 3,278,000	\$ 7,879,000	\$ 5,507,000	\$ 6,627,000	\$ 4,919,000	\$ 6,587,000	\$ 7,829,000	\$ 8,063,000	\$ 21,191,000	\$ 34,025,000	\$ 55,216,000
Distribution - Pipelines	\$ -	\$ -	\$ 318,000	\$ 1,639,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,957,000	\$ -	\$ 1,957,000
Advanced Meters (Water)	Note (8) \$ 600,000													
Buildings & Lands	Note (9) \$ 235,000	\$ 135,000	\$ 405,000	\$ 360,000								\$ 900,000	\$ -	\$ 900,000
Subtotal - Bond Eligible Projects	\$ 4,351,000	\$ 5,084,000	\$ 4,648,000	\$ 5,933,000	\$ 7,879,000	\$ 5,507,000	\$ 6,627,000	\$ 4,919,000	\$ 6,587,000	\$ 7,829,000	\$ 8,063,000	\$ 29,051,000	\$ 34,025,000	\$ 63,076,000

<b>Total Type 2 Expenditures</b>	\$ 5,221,000	\$ 5,874,000	\$ 5,524,000	\$ 6,597,000	\$ 7,940,000	\$ 5,768,000	\$ 6,843,000	\$ 4,919,000	\$ 6,650,000	\$ 8,315,000	\$ 8,243,000	\$ 31,703,000	\$ 34,970,000	\$ 66,673,000
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**Type 3 - Strategic Projects & Programs (bond funded)**

Emergency Water Supply	Note (10) \$ 400,000	\$ 1,030,000	\$ 1,061,000	\$ 1,093,000	\$ 1,126,000	\$ 1,159,000	\$ 1,194,000	\$ 1,230,000	\$ 1,267,000	\$ 1,305,000	\$ 1,344,000	\$ 5,469,000	\$ 6,340,000	\$ 11,809,000
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<b>Total Type 3 Expenditures</b>	\$ 400,000	\$ 1,030,000	\$ 1,061,000	\$ 1,093,000	\$ 1,126,000	\$ 1,159,000	\$ 1,194,000	\$ 1,230,000	\$ 1,267,000	\$ 1,305,000	\$ 1,344,000	\$ 5,469,000	\$ 6,340,000	\$ 11,809,000
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<b>Total Expenditures</b>	\$ 13,728,000	\$ 14,635,000	\$ 13,575,000	\$ 15,567,000	\$ 16,094,000	\$ 14,786,000	\$ 15,840,000	\$ 14,180,000	\$ 16,173,000	\$ 18,134,000	\$ 18,814,000	\$ 74,657,000	\$ 83,141,000	\$ 157,798,000
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<b>Predicted YE Capital Reserve Bal. (Includes Bond Funds)</b>	\$ 12,665,582	\$ 7,354,000	\$ 7,389,000	\$ 7,141,000	\$ 7,177,000	\$ 7,213,000	\$ 7,249,000	\$ 7,285,000	\$ 7,321,000	\$ 7,357,000	\$ 7,394,000			
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Notes

- (1) Prior year end balance actual increased from 2017 mid-year estimate.
- (2) Increase of \$238,000 - Combination of carryover and revised estimates for work at Hayden Bridge
- (3) Increase of \$278,000 - Revised estimates in both pump station and reservoir projects
- (4) Reduction of \$140,000 in Fleet budget. These funds will help offset 2019 projected increase to purchase new Vac-Truck.
- (5) Increase of \$80,000 in CIS Spending.
- (6) Several significant changes in this area. Reduction of \$1,130,000 for Disinfection System which will be moved to 2019. Increase of \$1,150,000 in Hayden Bridge Generators which is primarily carryover from 2017. Other minor changes are also included.
- (7) Reduction of \$1,507,000 primarily due to the removal of the Hawkins Reservoir Upgrades. Evaluations showed the upgrades were cost prohibitive. A future replacement will be planned for in the CIP.
- (8) Addition of \$600,000 to provided for AMI meter installations. This is anticipated to increase in the following years to approximately \$1,600,000 per year.
- (9) Addition of \$100,000 for help fund ROC parking lot addition.
- (10) Reduction of \$680,000 to reflect projected annual cost for an Emergency Water Water Supply Distribution Site.