



CAPITAL IMPROVEMENT PLAN

PRELIMINARY DRAFT 2019-2023 CIP REPORT

February 7, 2018

Capital Improvement Plan

- This CIP should be considered a planning document – the CIP is an evolving plan that requires continual review and modification during the course of each year. The estimates indicated in the early years of the report are likely more precise than those in the later years.
- The following table details the planned expenditures for the Fiscal Years 2019-2023 CIP. Expenditures are focused on replacement, installation and/or abandonment of existing water mains, replacement of inoperable fire hydrants, rehabilitation of sewer systems, management of storm water with green infrastructure, upgrades to information technology systems, replacing aging equipment and vehicles, as well as rehabilitation of facilities that support the operation of the utility.

Summary of CIP Financial Plan

The FY 2019 – FY 2023 capital improvement plan provides for \$259 million of water system improvements and \$199 million of sewer system improvements over the five year planning cycle.

Category Summary		FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Total 5-Year 2019-2023
Water Main	32%	44,700	34,493	20,128	29,150	28,000	34,000	145,771
Sewer Line								
Replacement	17%	20,000	20,000	20,000	16,000	10,000	10,000	76,000
CIPMO	9%	45,000	14,468	13,391	8,280	5,590	-	41,729
Green								
Infrastructure	14%	12,225	15,045	20,125	14,625	8,925	7,000	65,720
Central								
Services	16%	10,750	29,989	11,500	11,000	11,000	11,000	74,489
Meters/ Fire								
Hydrants	7%	6,000	7,283	6,000	6,000	6,000	6,000	31,283
O&M - I&E	5%	-	22,300	1,889	-	-	-	24,189
Total 2019 CIP	100%	\$ 138,675	\$ 143,578	\$ 93,033	\$ 85,055	\$ 69,515	\$ 68,000	\$ 459,181
WATER	56%	78,575	86,304	40,463	44,790	42,295	45,500	259,352
SEWER	44%	60,100	57,274	52,570	40,265	27,220	22,500	199,829
		138,675	143,578	93,033	85,055	69,515	68,000	459,181



CIP FY 2019 – Water System Summary

Total est cost (1000's)

Category	FY 2018 - Current Year	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	2019-2023 CIP Total	Total estimated cost
Water								
Water Field Services	\$ 44,700	\$ 56,793	\$ 22,017	\$ 29,150	\$ 28,000	\$ 34,000	\$ 169,960	\$ 214,660
Metering	6,000	7,283	6,000	6,000	6,000	6,000	\$ 31,283	\$ 37,283
General Purpose	22,500	7,234	6,695	4,140	2,795	-	\$ 20,864	\$ 43,364
Water Total	73,200	71,309	34,713	39,290	36,795	40,000	222,107	295,307
Water Central Services								
Fleet	2,000	1,825	2,000	2,000	2,000	2,000	\$ 9,825	\$ 11,825
Facilities	2,500	6,893	2,250	2,000	2,000	2,000	\$ 15,143	\$ 17,643
Information Technology	875	6,276	1,500	1,500	1,500	1,500	\$ 12,276	\$ 13,151
Water Central Services Total	5,375	14,995	5,750	5,500	5,500	5,500	37,245	42,620
Grand Total	78,575	86,304	40,463	44,790	42,295	45,500	259,352	337,927



CIP FY 2019 – Sewer System Summary

Total est cost (1000's)

Category	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	2019-2023 CIP Total	Total estimated cost
Sewer								
Field Services	\$ 20,000	\$ 20,000	\$ 20,000	\$ 16,000	\$ 10,000	\$ 10,000	\$ 76,000	\$ 96,000
Green Infrastructure	12,225	15,045	20,125	14,625	8,925	7,000	\$ 65,720	\$ 39,625
Pump Stations	-	-	-	-	-	-	\$ -	\$ -
General Purpose	22,500	7,234	6,695	4,140	2,795	-	\$ 20,864	\$ 43,364
Sewer Total	54,725	42,279	46,820	34,765	21,720	17,000	162,584	178,989
Sewer Central Services								
Fleet	2,000	1,825	2,000	2,000	2,000	2,000	\$ 9,825	\$ 11,825
Facilities	2,500	6,893	2,250	2,000	2,000	2,000	\$ 15,143	\$ 17,643
Information Technology	875	6,276	1,500	1,500	1,500	1,500	\$ 12,276	\$ 13,151
Sewer Central Services Total	5,375	14,995	5,750	5,500	5,500	5,500	37,245	42,620
Grand Total	60,100	57,274	52,570	40,265	27,220	22,500	199,829	221,609

Thank You



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