

FY19-FY28 Water & Sewer Capital Investment Plan (CIP) Project List

March 2019

	CIP Category	Funding Source	Planning Estimate Only	Year Added to the CIP	Approved by City Council	Total (FY19-FY28)	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28
Water Enterprise Fund																
Somerville Ave. Utility & Streetscape Improvements - Water	USQ DIF	Water Enterprise		2016	✓	\$ 4,140,000	\$ 260,000	\$ 720,000	\$ 3,160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Somerville Ave. Utility & Streetscape Improvements - Water (MassWorks)	USQ DIF	MassWorks		2016	✓	\$ 4,340,000	\$ 2,260,000	\$ 2,080,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Improvements	Recurring	Water Enterprise / MWRA LWSAP	n/a	2016	✓ (FY19)	\$ 71,370,000	\$ 2,590,000	\$ 6,500,000	\$ 6,760,000	\$ 7,030,000	\$ 7,310,000	\$ 7,600,000	\$ 7,910,000	\$ 8,220,000	\$ 8,550,000	\$ 8,900,000
Lead Line Replacement Program	Recurring	Water Enterprise / MWRA LLP	n/a	2017		\$ 9,500,000	\$ -	\$ 900,000	\$ 930,000	\$ 970,000	\$ 1,010,000	\$ 1,050,000	\$ 1,090,000	\$ 1,140,000	\$ 1,180,000	\$ 1,230,000
Water Vehicles ¹	Recurring	Water Enterprise	n/a	2018	✓ (FY19)	\$ 1,142,235	\$ 442,235	\$ -	\$ 150,000	\$ 290,000	\$ 260,000	\$ -	\$ -	\$ -	\$ -	\$ -
Pitman St. - Water Improvements	Recommended	Water Enterprise	✓	2019		\$ 910,000	\$ -	\$ 910,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Meter Replacement	Recommended	Water Enterprise	✓	2019		\$ 4,000,000	\$ -	\$ 1,000,000	\$ 3,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total						\$ 95,402,235	\$ 5,552,235	\$ 12,110,000	\$ 14,000,000	\$ 8,290,000	\$ 8,580,000	\$ 8,650,000	\$ 9,000,000	\$ 9,360,000	\$ 9,730,000	\$ 10,130,000
Sewer Enterprise Fund																
Somerville Ave. Utility & Streetscape Improvements - Sewer	USQ DIF	Sewer Enterprise		2016	✓	\$ 31,560,000	\$ 4,080,000	\$ 12,920,000	\$ 14,560,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Somerville Ave. Utility & Streetscape Improvements - Sewer (MassWorks)	USQ DIF	MassWorks		2016	✓	\$ 7,510,000	\$ 7,510,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Poplar St. Stormwater Pump Station	USQ DIF	Sewer Enterprise	✓	2016*	OPM only	\$ 21,370,000	\$ 100,000	\$ 4,080,000	\$ 8,430,000	\$ 8,760,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Spring Hill Sewer Separation	USQ DIF	Sewer Enterprise	✓	2017*	Design only	\$ 14,180,000	\$ 420,000	\$ 2,030,000	\$ 5,750,000	\$ 5,980,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nunziato Stormwater Storage	USQ DIF	Sewer Enterprise	✓	2016	Design only	\$ 16,610,000	\$ -	\$ -	\$ -	\$ -	\$ 8,450,000	\$ 6,530,000	\$ 1,630,000	\$ -	\$ -	\$ -
Sewer Improvements	Recurring	Sewer Enterprise	n/a	2016		\$ 41,280,000	\$ -	\$ 3,900,000	\$ 4,050,000	\$ 4,210,000	\$ 4,390,000	\$ 4,560,000	\$ 4,750,000	\$ 4,940,000	\$ 5,140,000	\$ 5,340,000
Sewer Vehicles ¹	Recurring	Sewer Enterprise	n/a	2018	✓ (FY19)	\$ 1,020,000	\$ 420,000	\$ 520,000	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -
Manhole Sealing	Underway	Sewer Enterprise / MWRA I/I Phase 9		2019	✓	\$ 1,999,100	\$ 499,775	\$ 1,499,325	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Somerville Marginal Intersector Repair	Recommended	Sewer Enterprise	✓	2017*	Design only ²	\$ 3,930,000	\$ 300,000	\$ 2,390,000	\$ 1,240,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SSES & I/I Assessment	Recommended	Sewer Enterprise	✓	2019		\$ 10,550,000	\$ 200,000	\$ 1,660,000	\$ 1,730,000	\$ 1,800,000	\$ 1,870,000	\$ 610,000	\$ 630,000	\$ 660,000	\$ 680,000	\$ 710,000
Willow to Grove Sewer Replacement	Recommended	Sewer Enterprise	✓	2019		\$ 2,740,000	\$ -	\$ 210,000	\$ 1,240,000	\$ 1,290,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Flint St. Sewer Replacement	Recommended	Sewer Enterprise	✓	2019		\$ 3,380,000	\$ -	\$ 210,000	\$ 1,550,000	\$ 1,620,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Separation Project 1	Recommended	Sewer Enterprise / MWRA / I/I	✓	2019		\$ 16,290,000	\$ -	\$ -	\$ -	\$ 840,000	\$ 880,000	\$ 4,670,000	\$ 4,850,000	\$ 5,050,000	\$ -	\$ -
Sewer Separation Project 2	Recommended	Sewer Enterprise / MWRA / I/I	✓	2019		\$ 16,930,000	\$ -	\$ -	\$ -	\$ -	\$ 880,000	\$ 910,000	\$ 4,850,000	\$ 5,050,000	\$ 5,240,000	\$ -
Sewer Separation Project 3	Recommended	Sewer Enterprise / MWRA / I/I	✓	2019		\$ 17,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 910,000	\$ 950,000	\$ 5,050,000	\$ 5,240,000	\$ 5,450,000
Total						\$ 206,949,100	\$ 13,529,775	\$ 29,419,325	\$ 38,550,000	\$ 24,540,000	\$ 16,510,000	\$ 18,190,000	\$ 17,660,000	\$ 20,750,000	\$ 16,300,000	\$ 11,500,000

Notes: Fiscal year is the year in which we anticipate funding to be expended; authorization can occur in a previous fiscal year. The CIP Project List is a planning document that reflects a point in time; this spending schedule is consistent with the debt service estimates received from First Southwest in March 2019.

¹Net of \$100,000 contribution per year from retained earnings.

²Funded through prior year Recurring Sewer Improvement authorization.

*Project was originally added in the Unscheduled category but is now in a scheduled category (USQ DIF, Underway, Recurring, or Recommended).