MAYNARD WATER AND SEWER 10 YEAR CIP

FISCAL YEAR = July 1 through June 30

		DEP Required (deadline)	Cost Estimate	Project Schedule	FISCAL YEAR 2020				FISCAL YEAR 2021				FISCAL YEAR 2022				FISCAL YEAR 2023				FISCAL YEAR 2024				FISCAL YEAR 2025				FISCAL YEAR 2026				FISCAL YEAR 2027				FISCAL YEAR 2028				FISCAL YEAR 2029				FISCAL YEAR 2030			
					Q1 (Jul - Sept)	Q2 (Oct - Dec)	Q3 (Jan - March)	Q4 (Apr - June)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Water Projects																																																
1		***White Pond Water Treatment Plant Project***	No																																													
	A	PFAS Monitoring		$10,000	immediately																																											
	B	Planning - Water Quality Charcterization & Pilot Testing		$250,000	summer and winter piloting; 1 month each																																											
	C	Permitting		$350,000	2.5 yrs																																											
	D	Design/Engineering		$6,500,000	1.5 yrs																																											
		Construction		$32,000,000	2 yrs																																											
2		***Well 4A - New Water Source/WTP Upgrades***	No																																													
	A	Permitting		$25,000	Est. completion by March 2020																																											
	B	Design/Engineering		$240,000	Est. Complete by December 2020																																											
	C	Construction		$1,200,000	Est. Complete by August 2021																																											
3		***Rockland Ave - New Water Source***	No																																													
	A	Pump Testing (Geoinsight)		$100,000	Est. January 2020 - Feb 2020																																											
	B	Permitting		$100,000	Est. complete by March 2021																																											
	C	Design/Engineering		$100,000	Est. complete by December 2021																																											
	D	Construction		$500,000	Est. complete by August 2022																																											
4		***OMR WTP Pretreatment Upgrades***	No																																													
		Planning/Pilot Testing		$100,000	TBD																																											
		Design/Engineering		$800,000	TBD																																											
		Construction		$4,000,000	TBD																																											
5		***Valve Exercising Program***	Yes (Jan 2020)	$55,000	ongoing (complete over 2 year period)																																											
6		***Broken Valve Replacement***	No	$200,000	ongoing (complete over 2 year period)																																											
7		***GIS Updates & Valve Criticality Modeling***	No	$27,000	FY2023																																											
8		***Unidirectional Flushing Program Development***	No	$29,000	FY2024																																											
9		***Rockland Ave - spare well pump***	No	$12,400	FY2020																																											
10		***Well 4 WTP flow meters***	No	$15,000	include as part of Well 4WTP upgrades																																											
11		***Well 4 Rehab***	No	(Maher)	FY2020																																											
12		***Well 4 Backwash Lagoon Cleaning (maintenance)***	No	$250,000	FY2020/2021																																											
13		***VFDs at all wells (Rockland Ave Wells #2 & #3)***	No	$20,000	FY2020/2021																																											
		TOTAL - WATER PROJECTS		**$46,883,400**																																												
Wastewater Projects																																																
1		***Flow Metering (ADS + Stantec)***	Yes (06/30/20)	$200,000	April - June 2020																																											
2		***I/I 5 Year Plan Development (inc. metering analysis)***	Yes (12/31/20)	$125,000	July - Dec 2020																																											
3		***GIS Collection System Mapping (relates to #7)***	Yes (3/1/22)	$100,000	July 2021 - March 2022																																											
4		***Collection System O&M Plan***																																														
	A	Initial submittal	Yes (4/1/2020)	$30,000	Jan 2020 - March 2020																																											
	B	Full submittal	Yes (9/1/21)	$100,000	April 2021 - September 2021																																											
5		***Annual Collection System O&M Reporting (annual cost)***	Yes (Annually on 3/31)	$30,000 1st year <$20k subsequent years	February 2020 - March 2020																																											
6		***Sewer System Modeling***	No	$60,000	after GIS is updated; March 2022-June 2022																																											
7		***Continue Manhole Inspections***	No	$89,400	July 2020 - June 2021																																											
8		***5-Year I/I Plan Implementation (annual cost)***	Yes	$500,000	continuous/annually																																											
9		***Annual I/I Reports (annual cost)***	yes	$30,000	Annually for 5 yrs; November - December																																											
10		***BioWin WWTP model***	No	$80,000	January 2020- February 2020																																											
11		***Lift Station Improvements***	No																																													
	A	Mockingbird safety upgrades		$100,000	July 2020 - October 2020																																											
	B	Lift Station Condition Assessment		$100,000	November 2020 - February 2021																																											
	C	Lift Station Improvements (annual cost)		$100,000	continuous/annually																																											
		TOTAL - SEWER PROJECTS		**$1,614,400**																																												