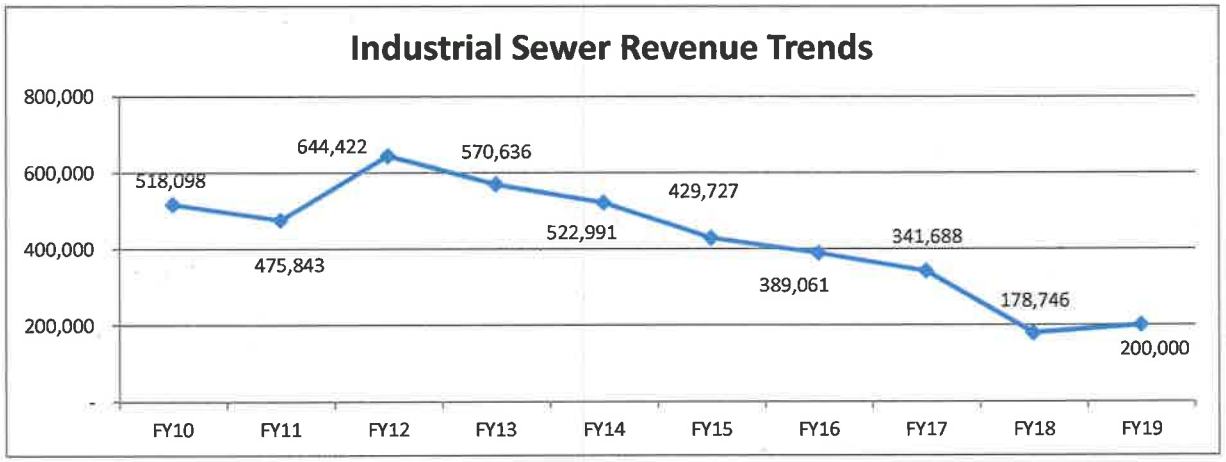
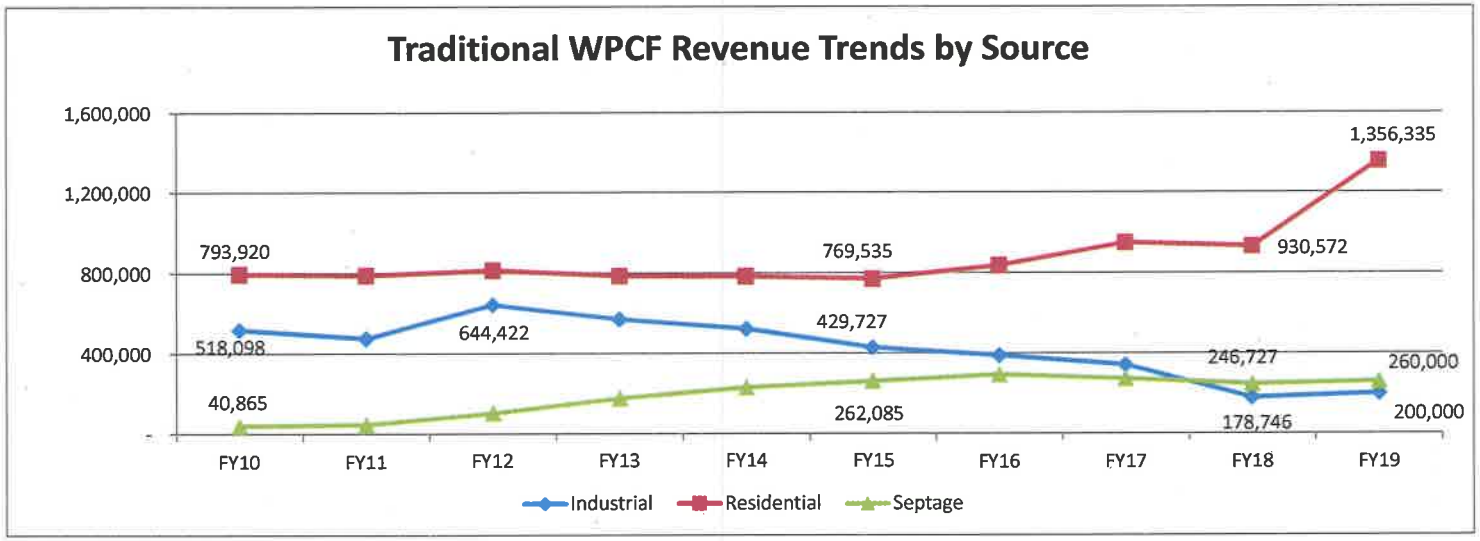
Summary of Key WPCF Revenue and Expense Trends

Major Revenue Sources

	Actual FY10	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	Actual FY16	Actual FY17	Projected FY18	Planned FY19
Industrial	518,098	475,843	644,422	570,636	522,991	429,727	389,061	341,688	178,746	200,000
Residential	793,920	787,624	813,436	785,757	782,475	769,535	834,114	947,012	930,572	1,356,335
Septage	40,865	47,777	105,310	178,768	231,554	262,085	293,062	271,886	246,727	260,000

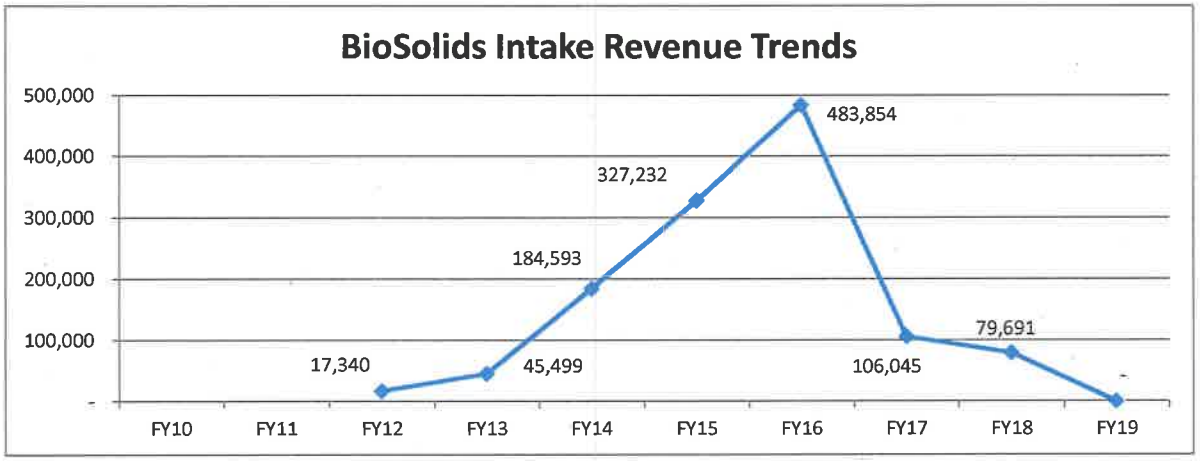




Summary of Key WPCF Revenue and Expense Trends

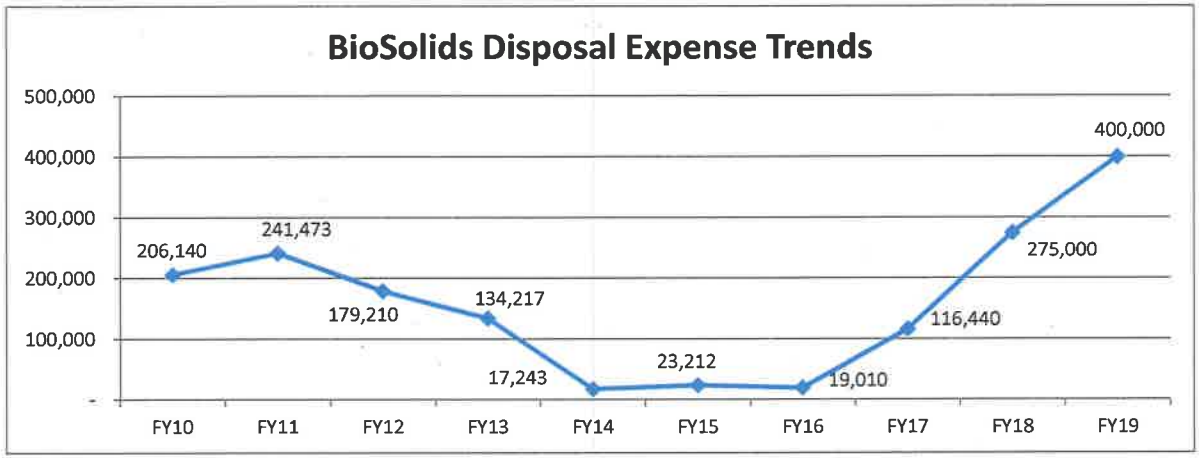
Biosolids Intake - Revenues

Actual FY10	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	Actual FY16	Actual FY17	Projected FY18	Projected FY19
		17,340	45,499	184,593	327,232	483,854	106,045	79,691	-



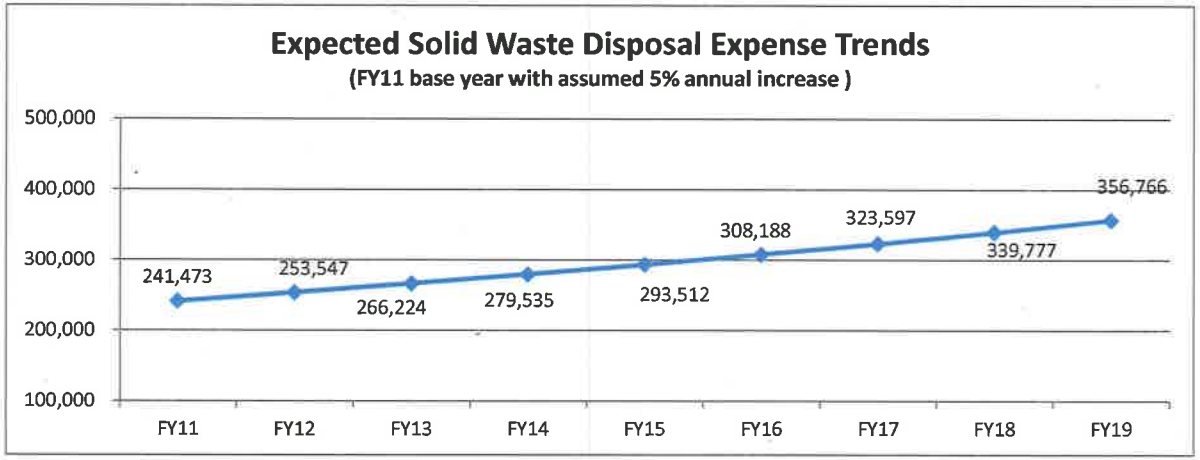
Biosolids Disposal - Expense

Actual FY10	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	Actual FY16	Actual FY17	Projected FY18	Projected FY19
206,140	241,473	179,210	134,217	17,243	23,212	19,010	116,440	275,000	400,000



Expected Biosolids Expense if Trend Not Altered by Montague Process

FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
241,473	253,547	266,224	279,535	293,512	308,188	323,597	339,777	356,766



30 YEAR PROJECTION OF LONG-TERM DEBT SERVICE REQUIREMENTS - 0192 - Montague - Massachusetts

Date of Issue	Description	Issue Amount	Type of Payment	For Fiscal Year Ending 06/30 2019	2020	2021	2022	2023	2024	2025	2026	2027
6/15/2003	GOB Sewer (I) (Self-Supporting)	589,000	Principal	30,000.00	30,000.00	25,000.00	25,000.00	25,000.00	-	-	-	-
			Interest	6,675.00	5,250.00	3,750.00	2,500.00	1,250.00	-	-	-	-
11/1/2006	GOB Wastewater Treatment Facility (I) (Self-Supporting)	235,000	Principal	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
			Interest	3,400.00	3,000.00	2,600.00	2,200.00	1,800.00	1,400.00	1,000.00	600.00	200.00
11/1/2006	GOB Building Remodeling - Sewer (I) (Self-Supporting)	71,000	Principal	5,000.00	5,000.00	5,000.00	-	-	-	-	-	-
			Interest	500.00	300.00	100.00	-	-	-	-	-	-
12/14/2006	CWT Sewer CW-05-22 (I) (Exempt)	957,448	Principal	49,087.00	50,079.00	51,091.00	52,123.00	53,176.00	54,250.00	55,346.00	56,464.00	57,605.00
			Interest	9,093.55	8,101.89	7,090.19	6,058.05	5,005.06	3,930.80	2,834.84	1,716.74	576.05
11/16/2007	FHA USDA Project - Sewer (O) (Exempt)	1,024,000	Principal	16,813.44	17,549.03	18,316.80	19,118.16	19,954.58	20,827.59	21,738.80	22,689.87	23,682.55
			Interest	38,943.56	38,207.97	37,440.20	36,638.84	35,802.42	34,929.41	34,018.20	33,067.13	32,074.45
12/18/2007	CWT Sewer CW-05-22-A (I) (Self-Supporting)	1,911,052	Principal	56,016.00	57,384.00	58,786.00	60,223.00	61,694.00	63,202.00	64,746.00	66,328.00	67,949.00
			Interest	33,669.94	32,301.20	30,899.03	29,462.59	27,991.05	26,483.56	24,939.23	23,357.16	21,736.44
9/1/2011	FHA USDA Project - Sewer (O) (Self-Supporting)	958,000	Principal	15,335.05	15,967.62	16,626.29	17,312.12	18,026.25	18,769.83	19,544.08	20,350.28	21,189.73
			Interest	36,214.95	35,582.38	34,923.71	34,237.88	33,523.75	32,780.17	32,005.92	31,199.72	30,360.27
7/22/2014	GOB Sewer (I) (Self-Supporting)	1,550,000	Principal	60,000.00	65,000.00	65,000.00	70,000.00	70,000.00	75,000.00	75,000.00	80,000.00	80,000.00
			Interest	47,300.00	45,500.00	43,550.00	41,600.00	39,500.00	37,400.00	35,150.00	32,337.50	29,337.50
		Total	Principal	242,251.49	250,979.65	249,820.09	253,776.28	257,850.83	242,049.42	246,374.88	255,832.15	260,426.28
		Total	Interest	175,797.00	168,243.44	160,353.14	152,697.36	144,872.29	136,923.94	129,948.19	122,278.26	114,284.71
			Total	418,048.49	419,223.09	410,173.23	406,473.64	402,723.12	378,973.36	376,323.07	378,110.41	374,710.99
New Projects (Not Yet Fpermanently Financed):												
Spring 2018	MCWT 2.00% Loan Sewer Project	Total	Principal	65,000.00	70,000.00	70,000.00	70,000.00	75,000.00	75,000.00	75,000.00	75,000.00	80,000.00
		Total	Interest	32,050.00	30,700.00	29,300.00	27,900.00	26,450.00	24,950.00	23,450.00	21,950.00	20,400.00
			Total	97,050.00	100,700.00	99,300.00	97,900.00	101,450.00	99,950.00	98,450.00	96,950.00	100,400.00
FY 2019	$2,468,000 General Obligation Sewer Projects	Total	Principal	-	143,000.00	130,000.00	130,000.00	130,000.00	130,000.00	130,000.00	130,000.00	130,000.00
		Total	Interest	-	111,060.00	104,625.00	98,775.00	92,925.00	87,075.00	81,225.00	75,375.00	69,525.00
			Total	-	254,060.00	234,625.00	228,775.00	222,925.00	217,075.00	211,225.00	205,375.00	199,525.00
Outstanding Debt plus New Projects (Not Yet Fpermanently Financed):												
		Total	Principal	307,251.49	463,979.65	449,820.09	453,776.28	462,850.83	447,049.42	451,374.88	460,832.15	470,426.28
		Total	Interest	207,847.00	310,003.44	294,278.14	279,372.36	264,247.29	248,948.94	234,623.19	219,603.26	204,209.71
		Grand	Total	515,098.49	773,983.09	744,098.23	733,148.64	727,098.12	695,998.36	685,998.07	680,435.41	674,635.99

30 YEAR PROJECTI

Date of Issue	Description	Issue Amount	Type of Payment	2028	2029	2030	2031	2032	2033	2034	2035	2036
6/15/2003	GOB Sewer (I) (Self-Supporting)	589,000	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
11/1/2006	GOB Wastewater Treatment Facility (I) (Self-Supporting)	235,000	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
11/1/2006	GOB Building Remodeling - Sewer (I) (Self-Supporting)	71,000	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
12/14/2006	CWT Sewer CW-05-22 (I) (Exempt)	957,448	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
11/16/2007	FHA USDA Project - Sewer (O) (Exempt)	1,024,000	Principal	24,718.66	25,800.10	26,928.86	28,107.00	29,336.68	30,620.16	31,959.79	33,358.03	34,817.44
			Interest	31,038.34	29,956.90	28,828.14	27,650.00	26,420.32	25,136.84	23,797.21	22,398.97	20,939.56
12/18/2007	CWT Sewer CW-05-22-A (I) (Self-Supporting)	1,911,052	Principal	69,609.00	71,310.00	73,053.00	74,838.00	76,667.00	78,540.00	80,459.00	82,425.00	84,439.00
			Interest	20,076.12	18,375.22	16,632.76	14,847.72	13,019.05	11,145.70	9,226.59	7,260.58	5,246.53
9/1/2011	FHA USDA Project - Sewer (O) (Self-Supporting)	958,000	Principal	22,063.80	22,973.94	23,921.61	24,908.38	25,935.85	27,005.70	28,119.69	29,279.62	30,487.41
			Interest	29,486.20	28,576.06	27,628.39	26,641.62	25,614.15	24,544.30	23,430.31	22,270.38	21,062.59
7/22/2014	GOB Sewer (I) (Self-Supporting)	1,550,000	Principal	85,000.00	90,000.00	90,000.00	95,000.00	100,000.00	105,000.00	110,000.00	-	-
			Interest	26,337.50	23,150.00	19,775.00	16,400.00	12,600.00	8,600.00	4,400.00	-	-
		Total	Principal	201,391.46	210,084.04	213,903.47	222,853.38	231,939.53	241,165.86	250,538.48	145,062.65	149,743.85
		Total	Interest	106,938.15	100,058.18	92,864.29	85,539.34	77,653.53	69,426.85	60,854.11	51,929.92	47,248.68
			Total	308,329.61	310,142.22	306,767.76	308,392.72	309,593.06	310,592.71	311,392.59	196,992.57	196,992.53
New Projects (Not Yet Fpermanently Financed):												
Spring 2018	MCWT 2.00% Loan Sewer Project	Total	Principal	80,000.00	80,000.00	85,000.00	85,000.00	85,000.00	90,000.00	90,000.00	95,000.00	95,000.00
		Total	Interest	18,800.00	17,200.00	15,550.00	13,850.00	12,150.00	10,400.00	8,600.00	6,750.00	4,850.00
			Total	98,800.00	97,200.00	100,550.00	98,850.00	97,150.00	100,400.00	98,600.00	101,750.00	99,850.00
FY 2019	$2,468,000 General Obligation Sewer Projects	Total	Principal	130,000.00	130,000.00	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	115,000.00	115,000.00
		Total	Interest	63,675.00	57,825.00	51,975.00	46,350.00	40,725.00	35,100.00	29,475.00	23,850.00	18,675.00
			Total	193,675.00	187,825.00	176,975.00	171,350.00	165,725.00	160,100.00	154,475.00	138,850.00	133,675.00
Outstanding Debt plus New Projects (Not Yet Fpermanently Financed):												
		Total	Principal	411,391.46	420,084.04	423,903.47	432,853.38	441,939.53	456,165.86	465,538.48	355,062.65	359,743.85
		Total	Interest	189,413.15	175,083.18	160,389.29	145,739.34	130,528.53	114,926.85	98,929.11	82,529.92	70,773.68
		Grand	Total	600,804.61	595,167.22	584,292.76	578,592.72	572,468.06	571,092.71	564,467.59	437,592.57	430,517.53

30 YEAR PROJECTI

Date of Issue	Description	Issue Amount	Type of Payment	2037	2038	2039	2040	2041	2042	2043	2044	2045
6/15/2003	GOB Sewer (I) (Self-Supporting)	589,000	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
11/1/2006	GOB Wastewater Treatment Facility (I) (Self-Supporting)	235,000	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
11/1/2006	GOB Building Remodeling - Sewer (I) (Self-Supporting)	71,000	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
12/14/2006	CWT Sewer CW-05-22 (I) (Exempt)	957,448	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
11/16/2007	FHA USDA Project - Sewer (O) (Exempt)	1,024,000	Principal	36,340.71	37,930.61	39,590.08	41,322.14	43,129.99	45,016.92	46,986.41	49,042.07	51,187.66
			Interest	19,416.29	17,826.39	16,166.92	14,434.86	12,627.01	10,740.08	8,770.59	6,714.93	4,569.34
12/18/2007	CWT Sewer CW-05-22-A (I) (Self-Supporting)	1,911,052	Principal	86,502.00	88,616.00	-	-	-	-	-	-	-
			Interest	3,183.27	1,069.60	-	-	-	-	-	-	-
9/1/2011	FHA USDA Project - Sewer (O) (Self-Supporting)	958,000	Principal	31,745.01	33,054.49	34,417.99	35,837.73	37,316.04	38,855.33	40,458.11	42,127.01	43,864.75
			Interest	19,804.99	18,495.51	17,132.01	15,712.27	14,233.96	12,694.67	11,091.89	9,422.99	7,685.25
7/22/2014	GOB Sewer (I) (Self-Supporting)	1,550,000	Principal	-	-	-	-	-	-	-	-	-
			Interest	-	-	-	-	-	-	-	-	-
		Total	Principal	154,587.72	159,601.10	74,008.07	77,159.87	80,446.03	83,872.25	87,444.52	91,169.08	95,052.41
		Total	Interest	42,404.55	37,391.49	33,298.93	30,147.12	26,860.97	23,434.75	19,862.48	16,137.92	12,254.59
			Total	196,992.27	196,992.59	107,307.00	107,306.99	107,307.00	107,307.00	107,307.00	107,307.00	107,307.00
New Projects (Not Yet Fpermanently Financed):												
Spring 2018	MCWT 2.00% Loan Sewer Project	Total	Principal	95,000.00	100,000.00							
		Total	Interest	2,950.00	1,000.00							
			Total	97,950.00	101,000.00							
FY 2019	$2,468,000 General Obligation Sewer Projects	Total	Principal	100,000.00	100,000.00	100,000.00						
		Total	Interest	13,500.00	9,000.00	4,500.00						
			Total	113,500.00	109,000.00	104,500.00						
Outstanding Debt plus New Projects (Not Yet Fpermanently Financed):												
		Total	Principal	349,587.72	359,601.10	174,008.07	77,159.87	80,446.03	83,872.25	87,444.52	91,169.08	95,052.41
		Total	Interest	58,854.55	47,391.49	37,798.93	30,147.12	26,860.97	23,434.75	19,862.48	16,137.92	12,254.59
		Grand	Total	408,442.27	406,992.59	211,807.00	107,306.99	107,307.00	107,307.00	107,307.00	107,307.00	107,307.00

30 YEAR PROJECTI

Date of Issue	Description	Issue Amount	Type of Payment	2046	2047	2048
6/15/2003	GOB Sewer (I) (Self-Supporting)	589,000	Principal	-	-	-
			Interest	-	-	-
11/1/2006	GOB Wastewater Treatment Facility (I) (Self-Supporting)	235,000	Principal	-	-	-
			Interest	-	-	-
11/1/2006	GOB Building Remodeling - Sewer (I) (Self-Supporting)	71,000	Principal	-	-	-
			Interest	-	-	-
12/14/2006	CWT Sewer CW-05-22 (I) (Exempt)	957,448	Principal	-	-	-
			Interest	-	-	-
11/16/2007	FHA USDA Project - Sewer (O) (Exempt)	1,024,000	Principal	53,254.41	-	-
			Interest	2,329.88	-	-
12/18/2007	CWT Sewer CW-05-22-A (I) (Self-Supporting)	1,911,052	Principal	-	-	-
			Interest	-	-	-
9/1/2011	FHA USDA Project - Sewer (O) (Self-Supporting)	958,000	Principal	45,674.17	47,558.23	49,212.03
			Interest	5,875.83	3,991.77	2,030.00
7/22/2014	GOB Sewer (I) (Self-Supporting)	1,550,000	Principal	-	-	-
			Interest	-	-	-
		Total	Principal	98,928.58	47,558.23	49,212.03
		Total	Interest	8,205.71	3,991.77	2,030.00
			Total	107,134.29	51,550.00	51,242.03
New Projects (Not Yet Fpermanently Financed):						
Spring 2018	MCWT 2.00% Loan Sewer Project	Total	Principal			
		Total	Interest			
			Total			
FY 2019	$2,468,000 General Obligation Sewer Projects	Total	Principal			
		Total	Interest			
			Total			
Outstanding Debt plus New Projects (Not Yet Fpermanently Financed):						
		Total	Principal	98,928.58	47,558.23	49,212.03
		Total	Interest	8,205.71	3,991.77	2,030.00
		Grand	Total	107,134.29	51,550.00	51,242.03