

Compliance Maintenance Annual Report Data Summary

	Unit	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Miles of Sanitary Sewer	Miles	935	935	935	939	939	963	963	963	963	963	963
# of Lift Stations	(#)	5	5	5	5	6	6	6	7	7	7	7
Actual Precipitation	Inches	25.7	37	33	44	35.81	35.98	32.59	29.29	40.02	32.11	32.84
Avg Precipitation	Inches	34	34	34	34	34	34.81	34.76	34.76	34.76	34.76	34.76
Precipitation Above (Below) Avg	Inches	(8.3)	3.0	(1.0)	10.0	1.8	1.2	(2.2)	(5.5)	5.3	(2.7)	(1.9)

Operations & Maintenance

Cleaning	(%)	38.6	35	33	33	33	46	47.35	47.44	46.31	46.46	48.7
Root Removal	(%)	10	2	2	2	2	2	2	2	2	0.68	0.45
Flow Monitoring	(%)	9.2	3	3	3	3	1.8	2.26	2.02	1.4	1.3	1.4
Smoke Testing	(%)	4.8	0	0	0	0	0	0	0	0	0	0
Sewer Televising	(%)	23.3	3.7	4	11	16	17	15.37	15.27	14.95	12.96	8.9
MH Inspections	(%)	3.9	18	18	15	18.5	19.1	19.1	19.23	21.43	19.88	19.92
Lift Station O&M	(#)	12	12	8	12	12	12	12	12	12	12	12
MH Rehab	(%)	3.7	6	6	14	11.7	14.8	9.74	4.336	3.23	1.76	1.6
Mainline Rehab	(%)	0.43	0.23	0.5	0.5	2	2	2.8	3.167	6.16	0.92	1.71
Private Sewer Inspections	(%)	0	0	5	5	0	0	0	0	0	0	0
Private Sewer I/I Removal	(%)	0	0	0	0	0	0	0	0	0	0	0

Performance Indicators

# of Lift Station Failures	(#)	0	1	0	0	0	2	0	0	0	0	0
# of Sewer Pipe Failures	(#)	0	0	0	2	0	3	2	2	1	1	0
# of SSO occurrences (10 pts ea)**	(#)	7	3	0	31	8	48	9	0	4	11	6
# of Basement Backups	(#)	45	41	42	47	28	33	24	23	25	31	22
Number of Complaints	(#)	1,698	1,819	1,384	12,533	7,935	18,083	6,144	1,062	1,412	1,730	1,576
Avg Daily Flow in MGD												
Peak Monthly Flow in MGD												
Peak Hourly Flow in MGD												

Performance Ratios

Lift Sta Failures (per year)	(#)	0.000	0.200	0.000	0.000	0.000	0.333	0.000	0.000	0.000	0.000	0.000
Pipe failures (per mile/yr)	(#)	0.000	0.000	0.000	0.002	0.000	0.003	0.002	0.000	0.000	0.000	0.000
SSOs (per mile/yr)	(#)	0.007	0.003	0.000	0.033	0.009	0.050	0.009	0.000	0.000	0.010	0.010
Bsmt Backups (per mile)	(#)	0.048	0.044	0.045	0.050	0.030	0.034	0.025	0.020	0.030	0.030	0.020
Complaints (per mile)	(#)	1.816	1.945	1.480	13.347	8.450	18.778	6.380	1.100	1.470	1.800	1.640

	Unit	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Inflow & Infiltration												
Was I&I Significant?		No	No	No	No	No	No	No	No	No	No	No
I&I caused problems?		No	No	No	No	No	No	No	No	No	No	No
Measures to Address I&I												
Flow Monitoring		x	x	x	x	x	x	x	x	x	x	x
MH Insp		x	x	x	x	x	x	x	x	x	x	x
MH Rehab		x	x	x	x	x	x	x	x	x	x	x
Dyed Water Flooding				x	x							
Work with MMSD		x	x	x	x	x	x	x	x	x	x	x
Sanitary Sewer Lining									x	x	x	x
Points Generated**		70	30	0	310	80	480	90	0	0		
Score (100-pts)		30	70	100	0	20	0	10	100	100		

***Beginning in 2013, there is no longer a 10 point penalty for each SSO*

