

SOUTHWEST METROPOLITAN WATER AND SANITATION DISTRICT

FACILITY OWNERSHIP STATISTICAL REPORT YEAR ENDING DECEMBER 31, 2019

Water

Miles of Water Main Installed in 2019	0.25
No. of Isolation Valves Installed in 2019	11
No. of Blow-off Valves Installed in 2019	1
No. Fire Hydrants Installed in 2019	2
Miles of Water Main in System as of 12/31/2019	172.26
No. of Isolation Valves in system as of 12/31/2019	3,233
No. of Blow-off Valves in System as of 12/31/2019	443
No. of Fire Hydrants in System as of 12/31/2019	1,561

Sewer

Miles of Sewer Main Installed in 2019	0.00
Miles of Sewer Main in System as of 12/31/2019	163.24
No. of Manholes as of 12/31/2019	4,790
No. of Cleanouts as of 12/31/2019	14

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2019

WATER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2018</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2019</u>
PIPE:					
4"	ACP	2,938			2,938
4"	CIP	290			290
4"	DIP	1,188			1,188
4"	PVC	3,230	264	264	3,230
6"	ACP	143,195			143,195
6"	CIP	6			6
6"	DIP	40,664			40,664
6"	PVC	42,057	41		42,098
8"	ACP	128,734		361	128,373
8"	CIP	409			409
8"	DIP	101,873		251	101,622
8"	PVC	162,225	240		162,465
10"	ACP	161			161
12"	ACP	91,848			91,848
12"	CIP	2,750			2,750
12"	DIP	72,880		735	72,145
12"	PVC	55,253	749		56,002
16"	ACP	3,861			3,861
16"	CIP	9,167			9,167
16"	DIP	33,816			33,816
16"	STL	50			50
18"	STL	3,069			3,069
20"	DIP	7,947			7,947
24"	DIP	2,219			2,219
	TOTAL	909,829	1,294	1,611	909,512

ACP: Asbestos Cement Pipe
PVC: Polyvinyl Chloride Pipe
CIP: Cast Iron Pipe
DIP: Ductile Iron Pipe
STL: Steel Pipe

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2019

WATER FACILITIES(continued)

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2018</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2019</u>
VALVES:					
2"	PRV	6			6
4"	Gate	43	3	1	45
4"	PRV	2			2
6"	Gate	787	2	3	786
6"	PRV	6			6
8"	Gate	1,523	2	1	1,524
8"	PRV	4			4
10"	Gate	2			2
12"	Gate	825	4	3	826
12"	Check	1			1
12"	PRV	1			1
16"	Gate	2			2
16"	Butterfly	23			23
18"	Gate	1			1
18"	Butterfly	1			1
20"	Butterfly	1			1
24"	Butterfly	2			2
	TOTAL	3,230	11	8	3,233
BLOW-OFFS:					
2"	Ball	312			312
2"	Gate	126	1	1	126
6"	Gate	5			5
	TOTAL	443	1	1	443
HYDRANTS:					
6"	Mueller Cent.	659		1	658
6"	Mueller Im.	12			12
6"	Waterous	877	2	1	878
6"	AVK	9			9
6"	DWD	1			1
6"	Amer. Darling	3			3
	TOTAL	1,561	2	2	1,561

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2019

SEWER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2018</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2019</u>
PIPE:					
8"	CP	250			250
8"	VCP	91,368			91,368
8"	PVC	468,298			468,298
8"	C-900	146,974			146,974
8"	CPP	3,616			3,616
10"	VCP	5,049			5,049
10"	PVC	14,582			14,582
10"	C-900	4,982			4,982
12"	VCP	19,793			19,793
12"	PVC	10,980			10,980
12"	CP	178			178
12"	C-900	1,656			1,656
12"	CPP	1,320			1,320
15"	VCP	6,972			6,972
15"	PVC	9,494			9,494
15"	CP	233			233
15"	CPP	14,338			14,338
18"	VCP	9,464			9,464
18"	CPP	1,326			1,326
18"	PVC	1,799			1,799
21"	VCP	3,019			3,019
21"	PVC	6,038			6,038
21"	CPP	2,665			2,665
24"	PVC	153			153
27"	CPP	2,183			2,183
33"	CPP	12,821			12,821
36"	CPP	9,503			9,503
42"	CPP	2,816			2,816
42"	SPE	1,616			1,616
45"	CPP	318			318
48"	CPP	6,708			6,708
60"	CPP	1,411			1,411
	TOTAL	861,923	0	0	861,923

CP: Concrete Pipe
VCP: Vitrified Clay Pipe
PVC: Polyvinyl Chloride Pipe
C-900: Polyvinyl Chloride Pipe C-900 Class 200
CPP: Cured In-place Pipe

PEP: Polyethylene Pipe
CIP: Cast Iron Pipe
DIP: Ductile Iron Pipe
RCP: Reinforced Concrete Pipe

SOUTHWEST METROPOLITAN WATER AND SANITATION DISTRICT

WATER & SEWER SUPPLY REPORT YEAR ENDING DECEMBER 31, 2019

Taps

Water Taps Sold in 2019	25
3/4" Equivalent Water Taps Sold in 2019	112
Sewer Taps Sold in 2019	348
Single Family Equivalent Sewer Taps Sold in 2019	390

Consumption

Total Water Delivered (gallons)	1,704,926,000
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WATER & SEWER SUPPLY REPORT - (2010-2019)

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>
POPULATION:										
RS Population (3.04)	35,878.08	35,878.08	35,759.52	35,656.16	35,628.80	35,595.36	35,592.32	35,589.28	35,589.28	35,589.28
RM Population (2.04)	15,459.12	14,751.24	14,751.24	14,751.24	14,237.16	14,237.16	14,208.60	14,151.48	14,139.24	14,139.24
Total Population	51,337.20	50,629.32	50,510.76	50,407.40	49,865.96	49,832.52	49,800.92	49,740.76	49,728.52	49,728.52
WATER TAPS:										
Total Active Taps	12,667	12,642	12,642	12,598	12,554	12,536	12,512	12,499	12,482	12,459
Single Family Residential	11,479	11,479	11,440	11,406	11,388	11,379	11,368	11,367	11,366	11,366
Multi Family Residential	807	783	783	783	783	783	771	771	757	740
Commercial	381	380	380	375	365	365	362	360	358	353
Taps Sold	25	0	44	44	18	24	13	17	23	8
Single Family Residential	0	0	39	34	18	9	11	1	1	0
Multi Family Residential	24	0	0	0	0	12	0	14	17	6
Commercial	1	0	5	10	0	3	2	2	5	2
Total 3/4" Equivalents	14,949	14,837	14,837	14,778	14,697	14,676	14,608	14,593	14,558	14,473
Single Family Residential	11,479	11,479	11,479	11,440	11,405	11,384	11,375	11,364	11,363	11,362
Multi Family Residential	2,069	1,975	1,975	1,975	1,975	1,975	1,932	1,932	1,918	1,850
Commercial	1,401	1,383	1,383	1,363	1,317	1,317	1,301	1,297	1,277	1,261
3/4" Equivalents Sold	112	0	59	81	21	68	15	35	85	10
Single Family Residential	0	0	39	35	21	9	11	1	1	0
Multi Family Residential	94	0	0	0	0	43	0	14	68	6
Commercial	18	0	20	46	0	16	4	20	16	4
Tap Size Sold										
3/4"	0	0	39	35	17	10	11	15	3	6
1"	7	0	2	1	0	1	2	1	1	4
1 1/2"	6	0	2	5	1	12	0	0	18	0
2" or >	8	0	1	3	0	1	0	1	1	0

WATER & SEWER SUPPLY REPORT - (2010-2019)

	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>
SEWER TAPS:										
Total Active Taps	19,695.00	19,347.00	19,303.00	19,262.00	19,000.00	18,988.00	18,971.00	18,939.00	18,931.00	18,931.00
Single Family Residential	11,802.00	11,802.00	11,763.00	11,729.00	11,720.00	11,709.00	11,708.00	11,707.00	11,707.00	11,707.00
Multi Family Residential	7,578.00	7,231.00	7,231.00	7,231.00	6,979.00	6,979.00	6,965.00	6,937.00	6,931.00	6,931.00
Commercial	315.00	314.00	309.00	302.00	301.00	300.00	298.00	295.00	293.00	293.00
Taps Sold	348.00	44.00	41.00	262.00	12.00	17.00	32.00	8.00	0.00	43.00
Single Family Residential	0.00	39.00	34.00	9.00	11.00	1.00	1.00	0.00	0.00	2.00
Multi Family Residential	347.00	0.00	0.00	252.00	0.00	14.00	28.00	6.00	0.00	40.00
Commercial	1.00	5.00	7.00	1.00	1.00	2.00	3.00	2.00	0.00	1.00
Total Single Family Equiv.	20,987.93	20,597.93	20,597.93	20,538.93	20,494.93	20,232.93	20,217.43	20,155.93	20,087.60	20,077.17
Single Family Residential	11,802.00	11,802.00	11,802.00	11,763.00	11,729.00	11,720.00	11,709.00	11,708.00	11,707.00	11,707.00
Multi Family Residential	7,578.00	7,231.00	7,231.00	7,231.00	7,231.00	6,979.00	6,979.00	6,965.00	6,937.00	6,931.00
Commercial	1,607.93	1,564.93	1,564.93	1,544.93	1,534.93	1,533.93	1,529.43	1,482.93	1,443.60	1,439.17
Single Family Equiv. Sold	390.00	0.00	59.00	44.00	262.00	15.50	61.50	68.33	10.43	0.00
Single Family Residential	0.00	0.00	39.00	34.00	9.00	11.00	1.00	1.00	0.00	0.00
Multi Family Residential	347.00	0.00	0.00	0.00	252.00	0.00	14.00	28.00	6.00	0.00
Commercial	43.00	0.00	20.00	10.00	1.00	4.50	46.50	39.33	4.43	0.00
CONSUMPTION:										
Total Water Delivered*	1,704,926.00	1,856,073.00	1,796,790.00	1,821,574.00	1,820,432.00	1,740,947.00	1,980,280.00	2,204,749.00	2,112,186.00	1,499,194.00
Gal./3/4" Equivilant/Day	312.46	342.73	331.79	337.71	339.35	325.00	371.40	413.93	397.50	283.80
Gal./Capita/Day	90.99	100.44	97.46	99.01	100.02	95.71	108.94	121.44	116.37	82.60
Gal./Account/Day	368.76	402.24	389.39	396.14	397.28	380.48	433.62	483.27	463.61	329.67
Single Family Res. - Delivered*	1,133,924.00	1,222,791.00	1,221,887.00	1,251,851.00	1,181,168.00	1,096,013.00	1,165,252.00	1,501,782.00	1,309,105.00	1,499,194.00
Gal./3/4" Equivilant/Day	270.64	291.85	291.63	299.80	283.74	263.77	280.66	362.06	315.64	361.50
Gal./Account/Day	270.64	291.85	292.63	300.70	284.17	263.89	280.83	361.97	315.55	361.37
Mulit-Family Res. - Delivered*	301,667.00	337,340.00	352,078.00	305,315.00	305,455.00	342,253.00	346,704.00	421,141.00	352,712.00	406,449.00
Gal./3/4" Equivilant/Day	399.46	467.96	488.40	423.53	423.73	474.77	491.65	597.21	503.82	601.92
Gal./Account/Day	1,024.14	1,180.36	1,231.92	1,068.30	1,068.79	1,197.55	1,232.00	1,496.51	1,276.53	1,504.81
Commercial - Delivered*	247,442.00	233,662.00	281,204.00	269,588.00	264,268.00	297,011.00	298,230.00	393,887.00	350,255.00	396,632.00
Gal./3/4" Equivilant/Day	483.89	462.88	557.07	541.89	549.75	617.87	628.03	832.03	751.45	861.75
Gal./Account/Day	1,779.33	2,027.43	1,943.68	1,930.73	2,229.39	2,238.54	2,981.06	2,665.56	3,035.37	#REF!

*in thousands of gallons

WATER & SEWER SUPPLY REPORT - (2010-2019)

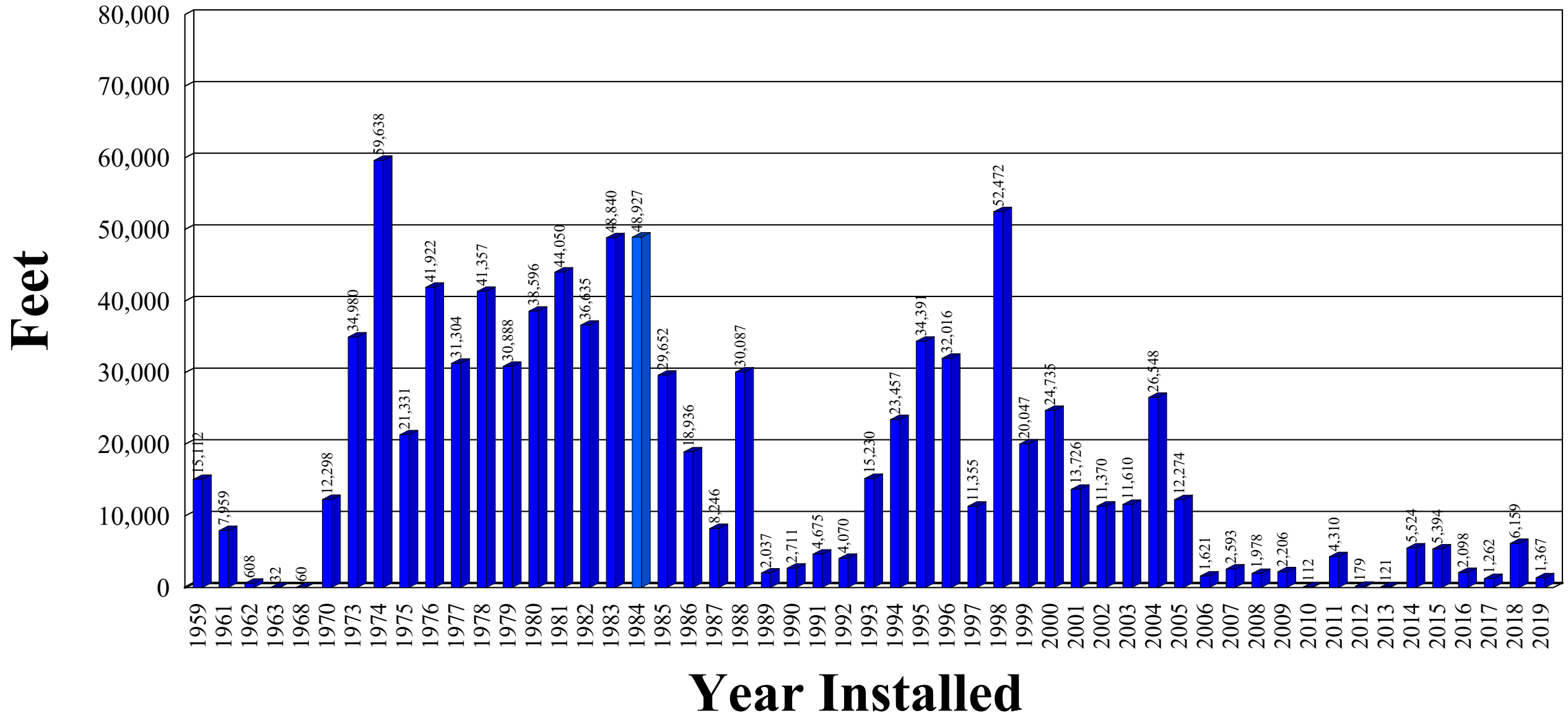
FACILITY:	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>
Water										
Distribution Mains*	172.26	172.26	172.14	171.77	171.70	171.70	171.68	171.68	171.68	171.51
Insatlled (new)**	0.00	618.00	1,948.00	349.00	0.00	130.00	0.00	0.00	905.00	976.00
Installed (replaced)**	1,611.00	3,208.00	149.00	0.00	1,120.00	0.00	0.00	1,425.00	1,045.00	1,491.00
No. Water Main Breaks	19	6	10	8	12	14	12	7	12	12
Valves Op. & Serv.	3,293	3,290	3,268	3,223	3,249	3,195	3,095	3,192	3,187	3,167
Distribution Main Flushing	650	653	645	645	561	550	144	521	514	516
Hydrants Op. Serv.	1,557	1,545	1,384	1,528	1,528	1,513	1,514	1,512	1,510	1,500
Sewer										
Collection Mains	145.65	145.65	145.60	145.27	145.09	145.09	145.09	144.73	144.73	144.73
Installed (new)**	0.00	297.00	1,702.00	989.00	0.00	0.00	1,869.00	0.00	0.00	27.00
Installed (replaced)**	0.00	547.00	0.00	0.00	0.00	0.00	0.00	495.00	0.00	1,276.00
Interceptor Mains*	17.59	178.51	181.53	17.59	17.71	17.71	17.71	17.80	17.80	17.80
No. Sewer Backups	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00
Main Televised**	242,390.00	204,490.00	201,790.00	194,616.00	239,904.00	190,698.00	205,685.00	193,680.00	243,078.00	211,962.00
Main Hyd. Cleaned**	217,167.00	203,934.00	239,263.00	60,438.00	61,857.00	62,030.00	66,405.00	65,374.00	67,466.00	62,621.00
Main Root Cut**	15,784.00	10,156.00	8,345.00	12,922.00	14,259.00	13,338.00	12,955.00	13,660.00	20,975.00	17,073.00
Main Root Treated**	1,287.00	883.00	1,287.00	2,170.00	0.00	883.00	1,287.00	1,685.00	0.00	0.00
ADMINISTRATION:										
No. Full Time Equivalent	12.12	12.26	12.08	11.97	10.94	11.34	10.73	10.66	10.79	11.02
Total Hours Worked	25,208.16	25,495.00	25,136.00	24,891.00	22,745.00	23,590.00	22,324.00	22,170.00	22,444	22,913.15
Total Hours Worked(PC)	9,839.48	10,808.00	9,935.00	9,156.00	8,569.00	9,213.00	9,021.00	9,404.00	9,096	9,287.62
Administration	5942.92	6,306.00	5,347.00	4,746.00	4,115.00	5,189.00	4,704.00	4,874.00	4,786.00	4,742.68
Maintenance	3896.56	4,502.00	4,588.00	4,410.00	4,454.00	4,024.00	4,317.00	4,530.00	4,310.00	4,544.94
Total Hours Worked(SWM)	13,191.18	12,294.00	12,681.00	12,941.00	12,085.00	12,419.00	11,707.00	11,012.00	11,746.00	11,658.03
Administration	5824.41	5,615.00	5,359.00	6,113.00	4,470.00	6,071.00	4,967.00	4,869.00	4,939.00	5,206.28
Maintenance	7366.77	6,679.00	7,322.00	6,828.00	7,615.00	6,348.00	6,740.00	6,143.00	6,807.00	6,451.75
Total Hours Worked(Others)	2,177.50	2,393.00	2,520.00	2,794.00	2,091.00	1,958.00	1,596.00	1,754.00	1,602.00	1,967.50
Administration	834.75	871.00	1,201.00	1,047.00	1,255.00	617.00	423.00	300.00	282.00	358.00
Maintenance	1342.75	1,522.00	1,319.00	1,747.00	836.00	1,341.00	1,173.00	1,454.00	1,320.00	1,609.50

* miles

** feet

SOUTHWEST METROPOLITAN W&S

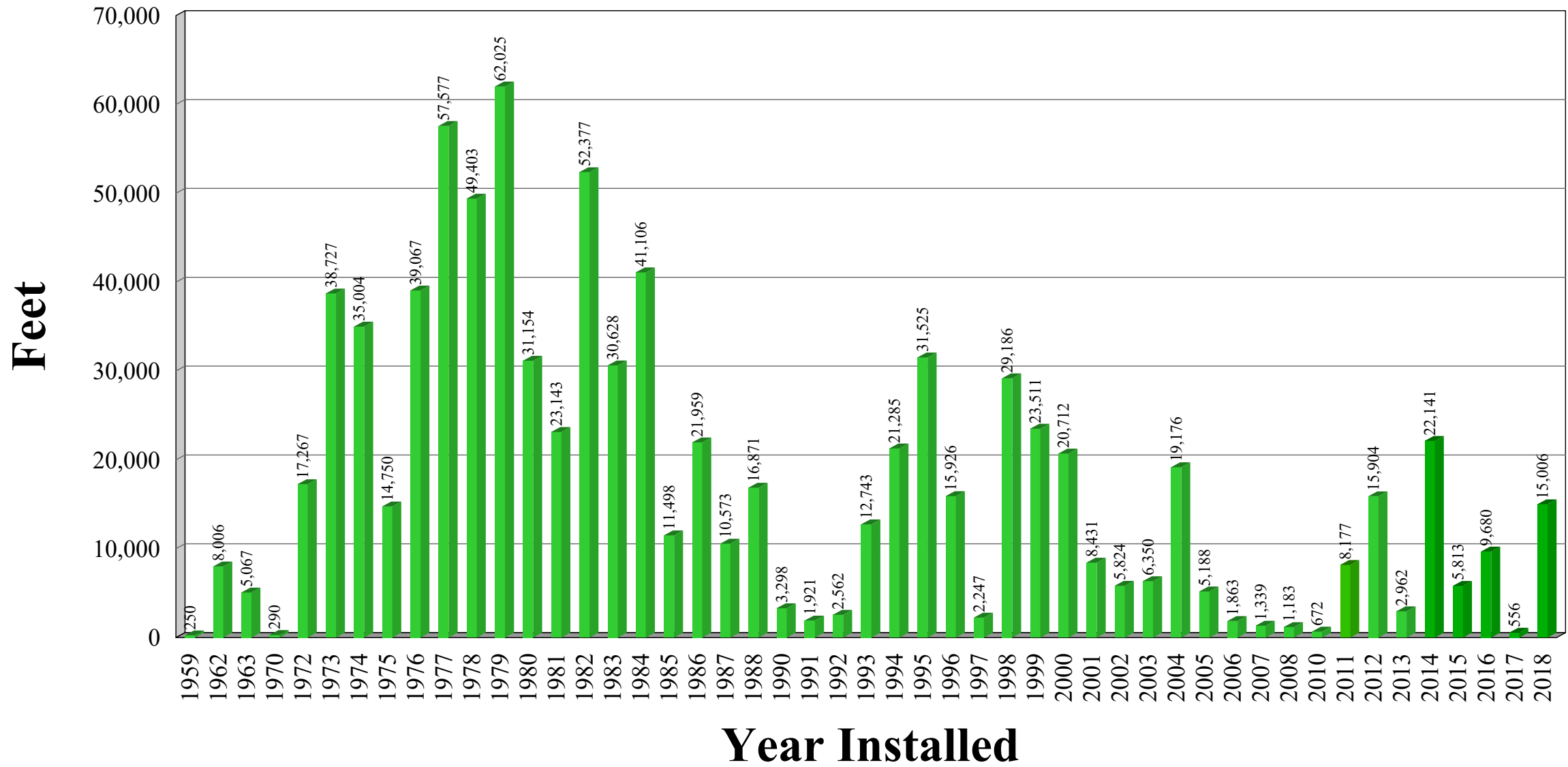
Water Pipe Installed By Year



	4				6				8				10	12				15	16				18	20	24	Total	
	ASBESTOS CEMENT PIPE	CAST IRON PIPE	DUCTILE IRON PIPE	POLYVINYL CHLORIDE PIPE	ASBESTOS CEMENT PIPE	CAST IRON PIPE	DUCTILE IRON PIPE	POLYVINYL CHLORIDE PIPE	ASBESTOS CEMENT PIPE	CAST IRON PIPE	DUCTILE IRON PIPE	POLYVINYL CHLORIDE PIPE	ASBESTOS CEMENT PIPE	ASBESTOS CEMENT PIPE	CAST IRON PIPE	DUCTILE IRON PIPE	POLYVINYL CHLORIDE PIPE	DUCTILE IRON PIPE	ASBESTOS CEMENT PIPE	CAST IRON PIPE	DUCTILE IRON PIPE	STEEL PIPE	STEEL PIPE	DUCTILE IRON PIPE	DUCTILE IRON PIPE		
2006	0	0	0	244	0	0	92	492	0	0	0	794	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,621
2007	0	0	0	0	0	0	215	573	0	0	0	1,805	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,593
2008	0	0	0	0	2	0	114	1,527	0	0	0	336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,978
2009	0	0	0	0	0	0	32	2,174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,206
2010	0	0	0	0	0	0	28	0	0	0	0	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112
2011	0	0	0	0	0	0	338	0	0	0	0	3,447	0	0	0	0	415	0	0	0	110	0	0	0	0	0	4,310
2012	0	0	0	0	0	0	0	0	0	0	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	179
2013	0	0	4	0	0	0	70	0	0	0	4	0	0	0	0	30	0	0	0	0	13	0	0	0	0	0	121
2014	0	0	0	432	0	0	228	29	0	0	23	3,791	0	0	0	994	0	0	0	0	27	0	0	0	0	0	5,524
2015	0	0	0	281	0	0	296	1,075	0	0	0	3,436	0	0	0	0	306	0	0	0	0	0	0	0	0	0	5,394
2016	0	0	0	71	0	0	331	0	0	0	0	1,697	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,098
2017	0	0	0	0	0	0	315	0	0	0	0	455	0	80	0	0	393	10	0	0	0	0	0	9	0	0	1,262
2018	0	0	0	0	0	0	293	40	0	0	0	2,655	0	0	0	0	3,172	0	0	0	0	0	0	0	0	0	6,159
2019	0	0	0	264	0	0	74	41	0	0	0	240	0	0	0	0	749	0	0	0	0	0	0	0	0	0	1,367
Total	2,938	290	1,189	3,230	143,195	6	70,229	42,115	128,373	409	101,622	162,465	161	91,848	2,750	72,145	56,002	10	3,862	9,167	33,817	50	3,069	7,947	2,219	939,108	

SOUTHWEST METROPOLITAN W&S

Sewer Pipe Installed By Year



	42	45	48	60	Total
	SPHROLITE POLYETHYLENE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	
1959	0	0	0	0	250
1962	0	0	0	0	8,006
1963	0	0	0	0	5,067
1970	0	0	0	0	290
1972	0	0	0	0	17,267
1973	0	0	0	0	38,727
1974	0	0	0	0	35,004
1975	0	0	0	0	14,750
1976	0	0	0	0	39,067
1977	0	0	0	0	57,577
1978	0	0	0	0	49,403
1979	0	0	0	0	62,025
1980	0	0	0	0	31,154
1981	0	0	0	0	23,143
1982	0	0	0	0	52,377
1983	0	0	0	0	30,628
1984	0	0	0	0	41,106
1985	0	0	0	0	11,498
1986	0	0	0	0	21,959
1987	0	0	0	0	10,573
1988	1,616	0	0	0	16,871
1990	0	0	0	0	3,298
1991	0	0	0	0	1,921
1992	0	0	0	0	2,562
1993	0	0	0	0	12,743
1994	0	0	0	0	21,285
1995	0	0	0	0	31,525
1996	0	0	0	0	15,926

	0	8					10			12					15				18			21			24	27	33	36	42	
	Polyvinyl Chloride	C-900 POLYVINYL CHLORIDE PIPE	Concrete Pipe (non-reinforced)	CURED IN PLACE PIPE	Polyvinyl Chloride	Vitrified Clay Pipe	C-900 POLYVINYL CHLORIDE PIPE	Polyvinyl Chloride	Vitrified Clay Pipe	C-900 POLYVINYL CHLORIDE PIPE	Concrete Pipe (non-reinforced)	CURED IN PLACE PIPE	Polyvinyl Chloride	Vitrified Clay Pipe	Concrete Pipe (non-reinforced)	CURED IN PLACE PIPE	Polyvinyl Chloride	Vitrified Clay Pipe	CURED IN PLACE PIPE	Polyvinyl Chloride	Vitrified Clay Pipe	CURED IN PLACE PIPE	Polyvinyl Chloride	Vitrified Clay Pipe	Polyvinyl Chloride	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE
1997	0	2,247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1998	0	23,831	0	0	3,189	0	532	284	0	821	0	0	529	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1999	0	11,458	0	0	9,986	0	1,566	501	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2000	0	17,507	0	0	2,247	0	0	0	0	0	0	0	0	0	0	0	958	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	0	802	0	0	7,629	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	5,120	0	0	704	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	6,350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	17,629	0	0	0	0	0	0	0	0	0	1,292	0	0	0	255	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	0	5,188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	0	0	0	1,121	226	0	0	0	0	0	0	0	516	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	0	1,339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	576	0	0	0	0	0	0	0	607	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	495	0	0	0	0	0	0	0	0	0	0	0	0	0	177	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	1,869	0	0	0	0	0	0	0	0	0	0	5,117	0	0	0	0	0	1,053	0	0	0	0	138	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,821	3,083	0
2013	0	2,962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	2,912	0	0	0	0	0	0	28	0	0	0	2,024	0	0	346	0	0	1,612	0	0	0	2,045	0	1,921	2,816	0
2015	0	989	0	0	0	0	0	0	0	0	0	0	325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,499	0	0
2016	0	188	0	0	1,514	0	0	0	0	0	0	0	0	233	6,765	0	0	980	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	111	0	0	445	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	2,944	0	2,495	9,339	0	0	0	0	228	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	169	146,974	250	3,616	468,298	91,368	4,982	14,582	5,049	1,656	178	1,320	10,980	19,793	233	14,338	9,494	6,972	1,326	1,799	9,464	2,665	5,869	3,019	153	2,183	12,821	9,503	2,816	

	42	45	48	60	Total
	SPHROLITE POLYETHYLENE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	
1997	0	0	0	0	2,247
1998	0	0	0	0	29,186
1999	0	0	0	0	23,511
2000	0	0	0	0	20,712
2001	0	0	0	0	8,431
2002	0	0	0	0	5,824
2003	0	0	0	0	6,350
2004	0	0	0	0	19,176
2005	0	0	0	0	5,188
2006	0	0	0	0	1,863
2007	0	0	0	0	1,339
2008	0	0	0	0	1,183
2010	0	0	0	0	672
2011	0	0	0	0	8,177
2012	0	0	0	0	15,904
2013	0	0	0	0	2,962
2014	0	318	6,708	1,411	22,141
2015	0	0	0	0	5,813
2016	0	0	0	0	9,680
2017	0	0	0	0	556
2018	0	0	0	0	15,006
Total	1,616	318	6,708	1,411	861,923