

SOUTHWEST METROPOLITAN WATER AND SANITATION DISTRICT

FACILITY OWNERSHIP STATISTICAL REPORT YEAR ENDING DECEMBER 31, 2021

Water

Miles of Water Main Installed in 2020	0.10
No. of Isolation Valves Installed in 2020	10
No. of Blow-off Valves Installed in 2020	0
No. Fire Hydrants Installed in 2020	2
Miles of Water Main in System as of 12/31/2020	174.65
No. of Isolation Valves in system as of 12/31/2020	3,276
No. of Blow-off Valves in System as of 12/31/2020	450
No. of Fire Hydrants in System as of 12/31/2020	1,588

Sewer

Miles of Sewer Main Installed in 2020	0.03
Miles of Sewer Main in System as of 12/31/2021	163.96
No. of Manholes as of 12/31/2021	4,863
No. of Cleanouts as of 12/31/2021	14

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2021

WATER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2020</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2021</u>
PIPE:					
4"	ACP	2,938			2,938
4"	CIP	290			290
4"	DIP	1,189			1,189
4"	PVC	4,487			4,487
6"	ACP	142,809			142,809
6"	CIP	6			6
6"	DIP	40,368			40,368
6"	PVC	43,875	209		44,083
8"	ACP	128,408			128,408
8"	CIP	408			408
8"	DIP	101,627			101,627
8"	PVC	166,575	58		166,633
10"	ACP	161			161
12"	ACP	92,220			92,220
12"	CIP	2,534			2,534
12"	DIP	71,869			71,869
12"	PVC	61,240	271		61,511
12"	STL	74			74
16"	ACP	4,407			4,407
16"	CIP	9,103			9,103
16"	DIP	33,835			33,835
16"	STL	50			50
18"	STL	2,993			2,993
20"	DIP	7,947			7,947
24"	DIP	2,219			2,219
	TOTAL	921,633	537	0	922,170

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

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2021

WATER FACILITIES(continued)

<u>Size</u>	<u>Type</u>	<u>Total 12/31/2020</u>	<u>Add</u>	<u>Subtract</u>	<u>Total 12/31/2021</u>
VALVES:					
2"	PRV	6			6
4"	Gate	51			51
4"	PRV	2			2
6"	Gate	793	2		795
6"	PRV	6			6
8"	Gate	1,513	5		1,518
8"	PRV	3			3
10"	Gate	2			2
12"	Gate	856	3		859
12"	Check	1			1
12"	PRV	2			2
16"	Gate	3			3
16"	Butterfly	23			23
18"	Gate	1			1
18"	Butterfly	1			1
20"	Butterfly	1			1
24"	Butterfly	2			2
	TOTAL	3,266	10	0	3,276
BLOW-OFFS:					
2"	Ball	321			321
2"	Gate	124			124
6"	Gate	5			5
	TOTAL	450			450
HYDRANTS:					
6"	Mueller Cent.	657			657
6"	Mueller Im.	12			12
6"	Waterous	904	2		906
6"	AVK	9			9
6"	DWD	1			1
6"	Amer. Darling	3			3
	TOTAL	1,586	2	0	1,588

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2021

SEWER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total 12/31/2020</u>	<u>Add</u>	<u>Subtract</u>	<u>Total 12/31/2021</u>
PIPE:					
8"	CP	250.00			250.00
8"	VCP	91,370.28			91,370.28
8"	PVC	477,265.88			477,265.88
8"	C-900	141,460.66			141,460.66
8"	CPP	3,616.00			3,616.00
10"	VCP	5,049.00			5,049.00
10"	PVC	14,582.00			14,582.00
10"	C-900	4,982.00			4,982.00
12"	VCP	20,021.00			20,021.00
12"	PVC	11,025.20			11,025.20
12"	CP	178.00			178.00
12"	C-900	1,428.00			1,428.00
12"	CPP	1,320.00			1,320.00
15"	UVRC	0.00	141.00		141.00
15"	VCP	6,968.73			6,968.73
15"	PVC	9,490.97			9,490.97
15"	CP	233.00			233.00
15"	CPP	14,197.00			14,197.00
18"	VCP	9,464.00			9,464.00
18"	CPP	1,326.00			1,326.00
18"	PVC	1,799.00			1,799.00
21"	VCP	3,019.00			3,019.00
21"	PVC	6,038.00			6,038.00
21"	CPP	2,665.00			2,665.00
24"	PVC	153.00			153.00
27"	CPP	2,183.00			2,183.00
33"	CPP	13,103.00			13,103.00
36"	CPP	9,503.00			9,503.00
42"	CPP	2,816.00			2,816.00
42"	SPE	1,616.00			1,616.00
45"	CPP	318.00			318.00
48"	CPP	6,708.00			6,708.00
60"	CPP	1,411.00			1,411.00
	TOTAL	865,559.72	141.00	0.00	865,700.72

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

HDPE: High Density Polyethylene Pipe
CIP: Cast Iron Pipe
DIP: Ductile Iron Pipe
RCP: Reinforced Concrete Pipe
UVRC: UV-Cured Sliplined Reinforced Concrete Pipe

SOUTHWEST METROPOLITAN WATER AND SANITATION DISTRICT

WATER & SEWER SUPPLY REPORT YEAR ENDING DECEMBER 31, 2021

Taps

Water Taps Sold in 2021	82
3/4" Equivalent Water Taps Sold in 2021	113
Sewer Taps Sold in 2021	146
Single Family Equivalent Sewer Taps Sold in 2021	165

Consumption

Total Water Delivered (gallons)	1,891,374,000
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WATER & SEWER SUPPLY REPORT - (2012-2021)

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>
POPULATION:										
RS Population (3.04)	36,346.24	35,878.08	35,878.08	35,878.08	35,759.52	35,656.16	35,628.80	35,595.36	35,592.32	35,592.32
RM Population (2.04)	12,956.04	13,596.60	12,888.72	12,888.72	12,888.72	12,888.72	12,374.64	12,374.64	12,317.52	12,305.28
Total Population	49,302.28	49,474.68	48,766.80	48,766.80	48,648.24	48,544.88	48,003.44	47,970.00	47,909.84	47,897.60
WATER TAPS:										
Total Active Taps	12,820	12,738	12,712	12,687	12,687	12,643	12,599	12,581	12,557	12,544
Single Family Residential	11,614	11,505	11,479	11,479	11,440	11,406	11,388	11,379	11,368	11,367
Multi Family Residential	805	807	807	807	807	807	807	795	795	781
Commercial	401	381	381	381	376	366	366	363	361	359
Taps Sold	82	26	25	0	44	44	18	24	13	17
Single Family Residential	76	26	0	0	39	34	18	9	11	1
Multi Family Residential	3	0	24	0	0	0	0	12	0	14
Commercial	3	0	1	0	5	10	0	3	2	2
Total 3/4" Equivalents	15,370	14,981	14,949	14,837	14,837	14,778	14,697	14,676	14,608	14,593
Single Family Residential	11,631	11,511	11,479	11,479	11,479	11,440	11,405	11,384	11,375	11,364
Multi Family Residential	2,155	2,069	2,069	1,975	1,975	1,975	1,975	1,975	1,932	1,932
Commercial	1,584	1,401	1,401	1,383	1,383	1,363	1,317	1,317	1,301	1,297
3/4" Equivalents Sold	113	32	112	0	59	81	21	68	15	35
Single Family Residential	76	32	0	0	39	35	21	9	11	1
Multi Family Residential	24	0	94	0	0	0	0	43	0	14
Commercial	13	0	18	0	20	46	0	16	4	20
Tap Size Sold										
3/4"	77	24	0	0	39	35	17	10	11	15
1"	0	0	7	0	2	1	0	1	2	1
1 1/2"	1	2	6	0	2	5	1	12	0	0
2" or >	4	0	8	0	1	3	0	1	0	1

WATER & SEWER SUPPLY REPORT - (2012-2021)

	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>
SEWER TAPS:										
Total Active Taps	18,629.00	18,483.00	18,454.00	18,106.00	18,106.00	18,062.00	18,021.00	17,759.00	17,747.00	17,715.00
Single Family Residential	11,956.00	11,802.00	11,802.00	11,802.00	11,763.00	11,729.00	11,720.00	11,709.00	11,708.00	11,708.00
Multi Family Residential	6,351.00	6,665.00	6,318.00	6,318.00	6,318.00	6,318.00	6,066.00	6,066.00	6,038.00	6,032.00
Commercial	322.00	316.00	315.00	315.00	310.00	303.00	302.00	301.00	298.00	296.00
Taps Sold	146.00	29.00	348.00	0.00	44.00	41.00	262.00	12.00	32.00	8.00
Single Family Residential	84.00	28.00	0.00	0.00	39.00	34.00	9.00	11.00	1.00	0.00
Multi Family Residential	60.00	0.00	347.00	0.00	0.00	0.00	252.00	0.00	28.00	6.00
Commercial	2.00	1.00	1.00	0.00	5.00	7.00	1.00	1.00	3.00	2.00
Total Single Family Equiv.	19,944.77	20,123.93	20,075.93	19,685.93	19,685.93	19,626.93	19,582.93	19,320.93	19,305.43	19,237.10
Single Family Residential	11,956.00	11,830.00	11,802.00	11,802.00	11,802.00	11,763.00	11,729.00	11,720.00	11,709.00	11,708.00
Multi Family Residential	6,351.00	6,665.00	6,665.00	6,318.00	6,318.00	6,318.00	6,318.00	6,066.00	6,066.00	6,038.00
Commercial	1,637.77	1,628.93	1,608.93	1,565.93	1,565.93	1,545.93	1,535.93	1,534.93	1,530.43	1,491.10
Single Family Equiv. Sold	165.00	48.00	390.00	0.00	59.00	44.00	262.00	15.50	68.33	10.43
Single Family Residential	84.00	28.00	0.00	0.00	39.00	34.00	9.00	11.00	1.00	0.00
Multi Family Residential	60.00	0.00	347.00	0.00	0.00	0.00	252.00	0.00	28.00	6.00
Commercial	21.00	20.00	43.00	0.00	20.00	10.00	1.00	4.50	39.33	4.43
CONSUMPTION:										
Total Water Delivered*	1,891,374.00	2,018,571.00	1,683,033.00	1,793,793.00	1,855,169.00	1,826,754.00	1,750,891.00	1,735,277.00	2,316,810.00	2,012,072.00
Gal./3/4" Equivilant/Day	337.14	369.16	308.45	331.23	342.57	338.67	326.39	323.94	434.52	377.75
Gal./Capita/Day	105.10	111.78	94.55	100.78	104.48	103.10	99.93	99.11	132.49	115.09
Gal./Account/Day	404.20	434.16	362.73	387.37	400.62	395.86	380.74	377.89	505.49	439.46
Single Family Res. - Delivered*	1,223,011.00	1,357,991.00	1,133,924.00	1,222,791.00	1,221,887.00	1,251,851.00	1,181,168.00	1,096,013.00	1,501,782.00	1,309,105.00
Gal./3/4" Equivilant/Day	288.08	323.21	270.64	291.85	291.63	299.80	283.74	263.77	361.71	315.61
Gal./Account/Day	288.51	323.38	270.64	291.85	292.63	300.70	284.17	263.89	361.93	315.53
Multit-Family Res. - Delivered*	341,527.00	325,427.00	301,667.00	337,340.00	352,078.00	305,315.00	305,455.00	342,253.00	421,141.00	352,712.00
Gal./3/4" Equivilant/Day	434.20	430.92	399.46	467.96	488.40	423.53	423.73	474.77	597.21	500.17
Gal./Account/Day	1,162.35	1,104.81	1,024.14	1,145.25	1,195.29	1,036.53	1,037.00	1,179.47	1,451.33	1,237.30
Commercial - Delivered*	326,836.00	335,153.00	247,442.00	233,662.00	281,204.00	269,588.00	264,268.00	297,011.00	393,887.00	350,255.00
Gal./3/4" Equivilant/Day	565.30	655.41	483.89	462.88	557.07	541.89	549.75	617.87	829.47	739.86
Gal./Account/Day	2,233.02	2,410.05	1,779.33	1,680.24	2,048.99	2,018.03	1,978.20	2,241.68	2,989.31	2,672.99

*in thousands of gallons

WATER & SEWER SUPPLY REPORT - (2012-2021)

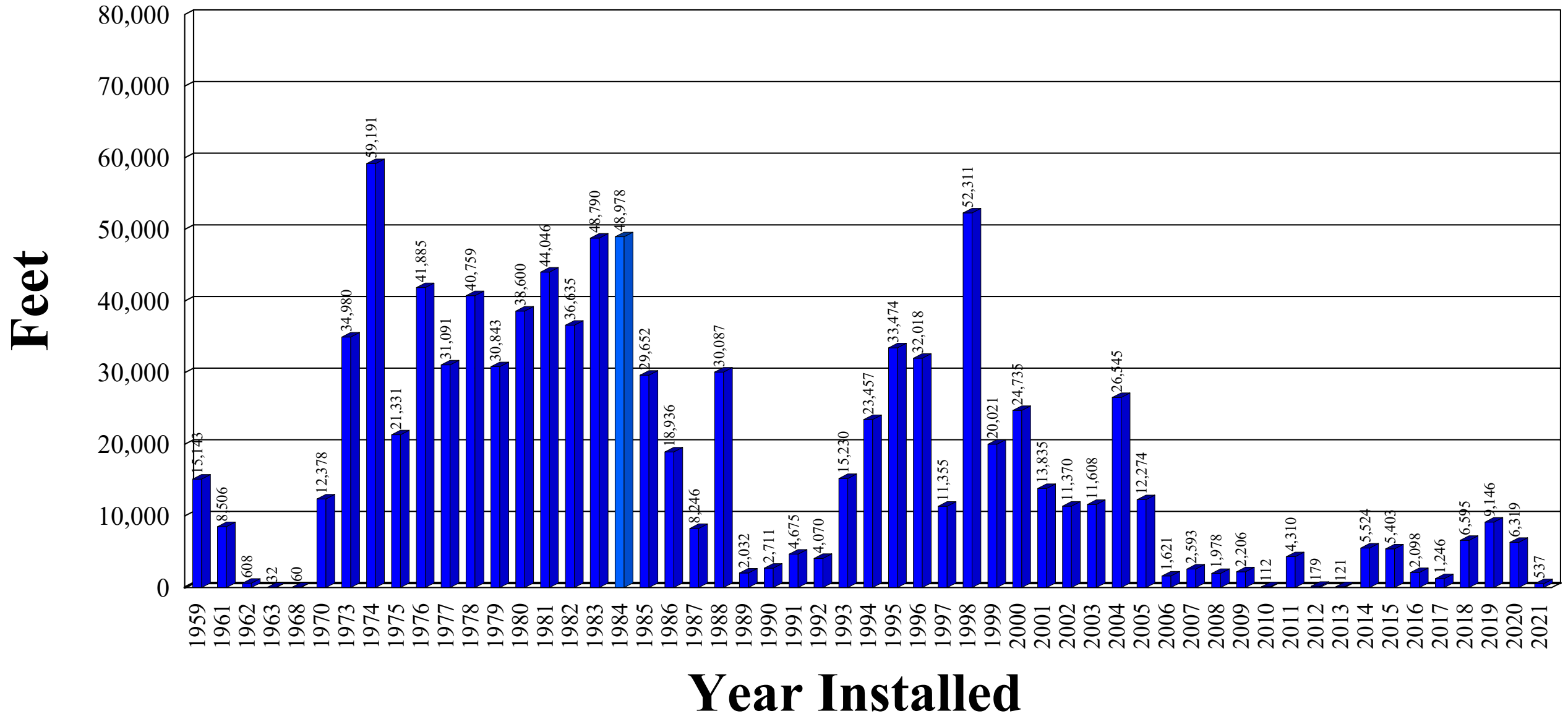
FACILITY:	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>
Water										
Distribution Mains*	174.65	174.55	174.43	174.07	174.00	174.00	173.97	173.97	173.97	173.80
Insatllted (new)**	537.20	618.00	1,948.00	349.00	0.00	130.00	0.00	0.00	905.00	976.00
Installed (replaced)**	0.00	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	12	12	19	6	10	8	12	14	12	7
Valves Op. & Serv.	3,300	3,308	3,293	3,290	3,268	3,223	3,249	3,195	3,095	3,192
Distribution Main Flushing	505	604	650	653	645	645	561	550	144	521
Hydrants Op. Serv.	1,556	1,560	1,557	1,545	1,384	1,528	1,528	1,513	1,514	1,512
Sewer										
Collection Mains	146.34	146.34	146.29	145.96	145.78	145.78	145.78	145.42	145.42	145.42
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*	17.62	17.62	17.62	17.62	17.62	17.62	17.62	17.62	17.62	17.62
No. Sewer Backups	1	0	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00
Main Televised**	205,147	199,477	242,390.00	204,490.00	201,790.00	194,616.00	239,904.00	190,698.00	205,685.00	193,680.00
Main Hyd. Cleaned**	244,200	204,080	217,167.00	203,934.00	239,263.00	60,438.00	61,857.00	62,030.00	66,405.00	65,374.00
Main Root Cut**	9,403	10,921	15,784.00	10,156.00	8,345.00	12,922.00	14,259.00	13,338.00	12,955.00	13,660.00
Main Root Treated**	0	883	1,287.00	883.00	1,287.00	2,170.00	0.00	883.00	1,287.00	1,685.00
ADMINISTRATION:										
No. Full Time Equivalents	11.98	12.70	12.12	12.26	12.08	11.97	10.94	11.34	10.73	10.66
Total Hours Worked	24,918.00	26,422.00	25,208.16	25,495.00	25,136.00	24,891.00	22,745.00	23,590.00	22324	22170
Total Hours Worked(PC)	10,059.00	10,676.00	9,839.48	10,808.00	9,935.00	9,156.00	8,569.00	9,213.00	9021	9404
Administration	6,308.00	6,688.00	5942.92	6,306.00	5,347.00	4,746.00	4,115.00	5,189.00	4,704.00	4,874.00
Maintenance	3,751.00	3,988.00	3896.56	4,502.00	4,588.00	4,410.00	4,454.00	4,024.00	4,317.00	4,530.00
Total Hours Worked(SWM)	12,787.00	13,086.00	13,191.18	12,294.00	12,681.00	12,941.00	12,085.00	12,419.00	11,707.00	11,012.00
Administration	6,570.00	6,618.00	5824.41	5,615.00	5,359.00	6,113.00	4,470.00	6,071.00	4,967.00	4,869.00
Maintenance	6,217.00	6,468.00	7366.77	6,679.00	7,322.00	6,828.00	7,615.00	6,348.00	6,740.00	6,143.00
Total Hours Worked(Others)	2,072.00	2,660.00	2,177.50	2,393.00	2,520.00	2,794.00	2,091.00	1,958.00	1,596.00	1,754.00
Administration	708.00	1,170.00	834.75	871.00	1,201.00	1,047.00	1,255.00	617.00	423.00	300.00
Maintenance	1,364.00	1,490.00	1342.75	1,522.00	1,319.00	1,747.00	836.00	1,341.00	1,173.00	1,454.00

* miles

** feet

SOUTHWEST METROPOLITAN W&S

Water Pipe Installed By Year



24	Total
DUCTILE IRON PIPE	
0	15,143
0	8,506
0	608
0	32
0	60
0	12,378
0	34,980
1,337	59,191
0	21,331
0	41,885
0	31,091
0	40,759
0	30,843
882	38,600
0	44,046
0	36,635
0	48,790
0	48,978
0	29,652

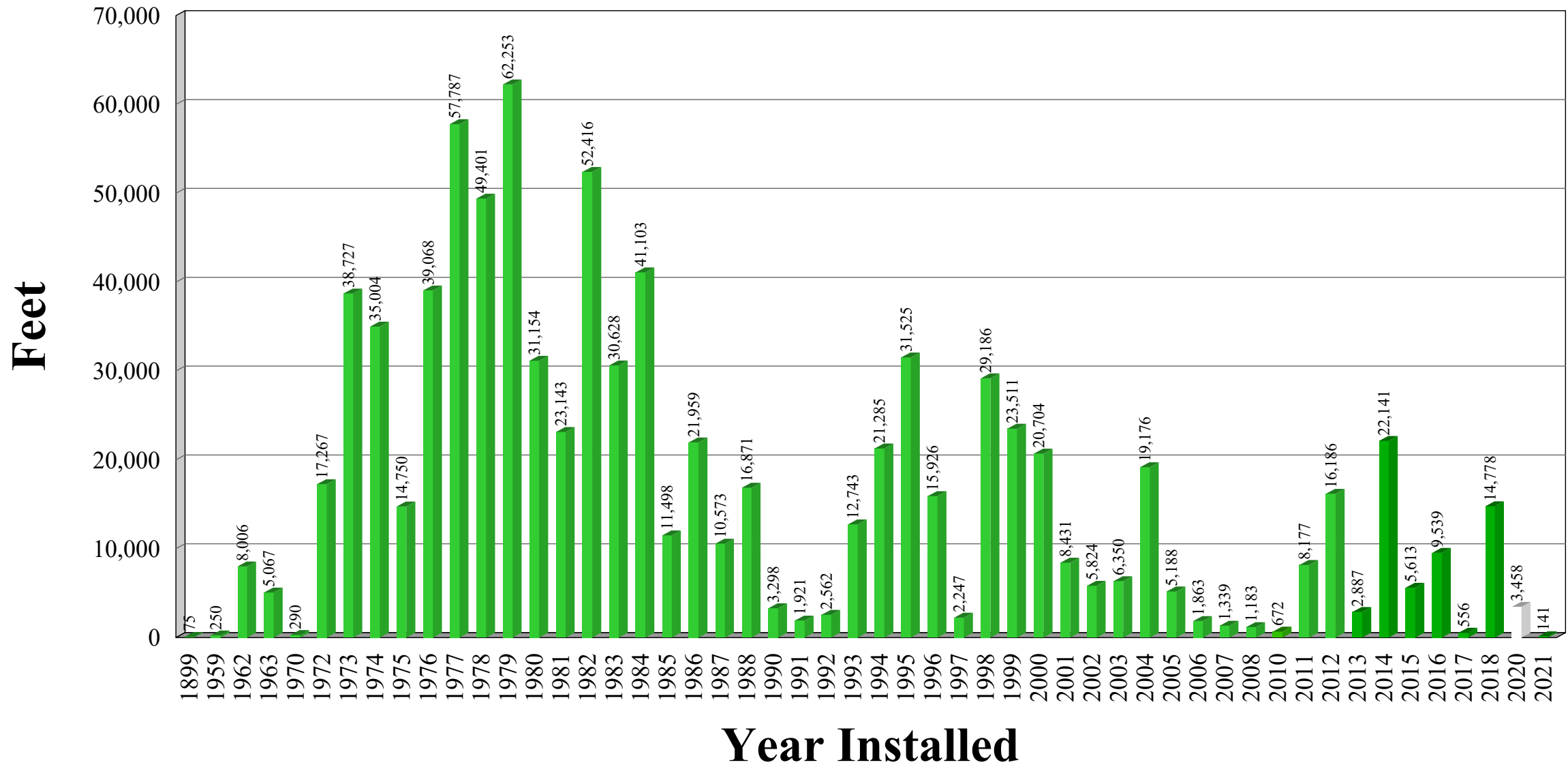
24	Total
DUCTILE IRON PIPE	
0	18,936
0	8,246
0	30,087
0	2,032
0	2,711
0	4,675
0	4,070
0	15,230
0	23,457
0	33,474
0	32,018
0	11,355
0	52,311
0	20,021
0	24,735
0	13,835
0	11,370
0	11,608
0	26,545
0	12,274

	4				6				8				10	12					15	16				17	18	20	
	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	STEEL PIPE	DUCTILE IRON PIPE	ASBESTOS CEMENT PIPE	CAST IRON PIPE	DUCTILE IRON PIPE	STEEL PIPE	DUCTILE IRON PIPE	STEEL 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	0
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	0
2008	0	0	0	0	0	0	114	1,529	0	0	0	336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0
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	0
2011	0	0	0	0	0	0	338	0	0	0	0	3,447	0	0	0	0	415	0	0	0	0	110	0	0	0	0	0
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	0
2013	0	0	4	0	0	0	70	0	0	0	4	0	0	0	0	30	0	0	0	0	0	13	0	0	0	0	0
2014	0	0	0	432	0	0	228	29	0	0	23	3,791	0	0	0	994	0	0	0	0	0	27	0	0	0	0	0
2015	0	0	0	281	0	0	296	1,075	0	0	0	3,444	0	0	0	0	306	0	0	0	0	0	0	0	0	0	0
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	0
2017	0	0	0	0	0	0	315	0	0	0	0	455	0	0	0	0	393	0	10	0	0	64	0	0	9	0	0
2018	0	0	0	0	0	0	293	40	0	0	0	2,655	0	0	0	0	3,607	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	487	0	0	388	41	0	0	0	4,591	0	0	0	0	3,640	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	1,035	0	0	182	1,885	0	0	0	0	0	0	0	0	3,216	0	0	0	0	0	0	0	2	0	0
2021	0	0	0	0	0	0	0	209	0	0	0	58	0	0	0	0	271	0	0	0	0	0	0	0	0	0	0
Total	2,938	290	1,189	4,487	142,809	6	70,685	44,099	128,408	408	101,565	166,633	161	92,253	2,534	71,869	61,511	74	10	4,407	9,103	33,835	50	2	2,993	7,947	

24	Total
DUCTILE IRON PIPE	
0	1,621
0	2,593
0	1,978
0	2,206
0	112
0	4,310
0	179
0	121
0	5,524
0	5,403
0	2,098
0	1,246
0	6,595
0	9,146
0	6,319
0	537
2,219	952,486

SOUTHWEST METROPOLITAN W&S

Sewer Pipe Installed By Year



Sewer Pipe Installed By Year

	8					10			12					15				18			21			24	27	33	36	42
	C-900 POLYVINYL CHLORIDE PIPE	Concrete Pipe (non-reinforc (ed	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	C-900 POLYVINYL CHLORIDE PIPE	Polyvinyl Chloride	Verified Clay Pipe	C-900 POLYVINYL CHLORIDE PIPE	Concrete Pipe (non-reinforc (ed	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	Concrete Pipe (non-reinforc (ed	CURED IN PLACE PIPE	Polyvinyl Chloride	UV-CURED POLYMER REINFORCED CONCRETE	Verified Clay Pipe	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	Polyvinyl Chloride	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE
1899	75	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
1959	0	250	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
1962	0	0	0	0	5,415	0	0	977	0	0	0	0	1,614	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	3,105	0	0	1,025	0	178	0	0	759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	17,267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	2,556	33,150	0	0	0	0	0	0	0	3,021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	15,742	17,700	0	0	0	0	0	0	0	1,562	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	6,022	8,728	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	4,082	21,078	0	0	0	0	0	0	0	2,126	0	0	0	0	3,222	0	0	6,057	0	0	2,504	0	0	0	0
1977	0	0	0	46,999	1,419	0	0	0	0	0	0	0	9,077	0	0	0	0	162	0	0	130	0	0	0	0	0	0	0
1978	0	0	0	37,966	171	0	0	3,047	0	0	0	0	840	0	0	0	0	3,585	0	0	3,277	0	0	515	0	0	0	0
1979	0	0	0	60,578	0	0	1,447	0	0	0	0	0	228	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	31,154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	21,647	0	0	1,496	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	38,638	0	0	4,070	0	0	0	0	9,655	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	515	0	0	29,811	302	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1984	448	0	0	38,361	13	0	1,574	0	0	0	0	0	396	0	0	311	0	0	0	0	0	0	0	0	0	0	0	0
1985	285	0	0	10,218	0	0	995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	21,959	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	10,573	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	8,753	0	0	0	0	0	0	0	0	345	0	0	5,260	0	0	0	0	302	0	0	442	0	153	0	0
1990	0	0	0	608	0	0	2,690	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	1,921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	2,562	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	10,983	0	0	1,760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1994	20,423	0	0	862	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	5,090	0	0	14,855	0	0	1,525	0	0	0	0	0	0	0	0	2,962	0	0	0	1,497	0	0	5,596	0	0	0	0	0

	42	45	48	60	Total
	SPRILITE POLYETHYLENE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	
1899	0	0	0	0	75
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	39,068
1977	0	0	0	0	57,787
1978	0	0	0	0	49,401
1979	0	0	0	0	62,253
1980	0	0	0	0	31,154
1981	0	0	0	0	23,143
1982	0	0	0	0	52,416
1983	0	0	0	0	30,628
1984	0	0	0	0	41,103
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

	8					10			12				15					18			21			24	27	33	36	42	
	C900 POLYVINYL CHLORIDE PIPE	Concrete Pipe (non-reinforced)	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	C900 POLYVINYL CHLORIDE PIPE	Polyvinyl Chloride	Verified Clay Pipe	C900 POLYVINYL CHLORIDE PIPE	Concrete Pipe (non-reinforced)	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	Concrete Pipe (non-reinforced)	CURED IN PLACE PIPE	Polyvinyl Chloride	UV-CURED REINFORCED CONCRETE	Verified Clay Pipe	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	CURED IN PLACE PIPE	Polyvinyl Chloride	Verified Clay Pipe	Polyvinyl Chloride	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE
1996	9,494	0	0	3,548	0	2,884	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	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	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	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	12,194	0	0	7,552	0	0	0	0	0	0	0	0	0	0	958	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	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	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	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	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	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	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	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	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	495	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	0
2011	0	0	0	1,869	0	0	0	0	0	0	0	0	0	5,117	0	0	0	0	0	0	1,053	0	0	0	138	0	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	13,103	3,083	0	0
2013	2,887	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	2,912	0	0	0	0	0	28	0	0	0	2,024	0	0	0	346	0	0	1,612	0	0	0	2,045	0	1,921	2,816	0
2015	789	0	0	0	0	0	0	0	0	0	325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,499	0	0
2016	188	0	0	1,514	0	0	0	0	0	0	0	0	233	6,624	0	0	0	980	0	0	0	0	0	0	0	0	0	0	0
2017	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	2,944	0	2,495	9,339	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
2020	0	0	0	3,458	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
2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	141,461	250	3,616	477,266	91,370	4,982	14,582	5,049	1,428	178	1,320	11,025	20,021	233	14,197	9,491	141	6,969	1,326	1,799	9,464	2,665	6,038	3,019	153	2,183	13,103	9,503	2,816

	42	45	48	60	Total
	SPRROLITE POLYETHYLEN E PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	
1996	0	0	0	0	15,926
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	20,704
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	16,186
2013	0	0	0	0	2,887
2014	0	318	6,708	1,411	22,141
2015	0	0	0	0	5,613
2016	0	0	0	0	9,539
2017	0	0	0	0	556
2018	0	0	0	0	14,778
2020	0	0	0	0	3,458
2021	0	0	0	0	141
Total	1,616	318	6,708	1,411	865,701