

# **SOUTHWEST METROPOLITAN WATER AND SANITATION DISTRICT**

## **FACILITY OWNERSHIP STATISTICAL REPORT YEAR ENDING DECEMBER 31, 2023**

### **Water**

Miles of Water Main Installed in 2023	0.25
No. of Isolation Valves Installed in 2023	6
No. of Blow-off Valves Installed in 2023	0
No. Fire Hydrants Installed in 2023	3
Miles of Water Main in System as of 12/31/2023	175.03
No. of Isolation Valves in system as of 12/31/2023	3,281
No. of Blow-off Valves in System as of 12/31/2023	450
No. of Fire Hydrants in System as of 12/31/2023	1,591

### **Sewer**

Miles of Sewer Main Installed in 2023	0.00
Miles of Sewer Main in System as of 12/31/2023	164.00
No. of Manholes as of 12/31/2023	4,833
No. of Cleanouts as of 12/31/2023	14

# FACILITY OWNERSHIP STATISTICAL REPORT

## YEAR ENDING DECEMBER 31, 2023

### WATER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2022</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2023</u>
<b>PIPE:</b>					
4"	ACP	2,938			2,938
4"	CIP	290			290
4"	DIP	1,189			1,189
4"	PVC	4,487			4,487
6"	ACP	142,661			142,661
6"	CIP	6			6
6"	DIP	39,951			39,951
6"	PVC	44,978			44,978
8"	ACP	128,010			128,010
8"	CIP	408			408
8"	DIP	95,734			95,734
8"	PVC	172,636	679		173,315
10"	ACP	161			161
12"	ACP	92,685			92,685
12"	CIP	2,626			2,626
12"	DIP	71,869			71,869
12"	PVC	61,635	647		62,282
12"	STL	74			74
16"	ACP	4,407			4,407
16"	CIP	9,103			9,103
16"	DIP	31,477			31,477
16"	PVC	2,286			2,286
16"	STL	50			50
18"	STL	2,993			2,993
20"	DIP	7,947			7,947
24"	DIP	2,219			2,219
	<b>TOTAL</b>	<b>922,820</b>	<b>1,326</b>	<b>0</b>	<b>924,146</b>

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, 2023

### WATER FACILITIES(continued)

<u>Size</u>	<u>Type</u>	<u>Total 12/31/2022</u>	<u>Add</u>	<u>Subtract</u>	<u>Total 12/31/2023</u>
<b>VALVES:</b>					
2"	PRV	6			6
4"	Gate	51			51
4"	PRV	2			2
6"	Gate	796	1		797
6"	PRV	6			6
8"	Gate	1,519	1		1,520
8"	PRV	3			3
10"	Gate	2			2
12"	Gate	857	4	1	860
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	3,276	6	1	3,281
<b>BLOW-OFFS:</b>					
2"	Ball	321			321
2"	Gate	124			124
6"	Gate	5			5
	TOTAL	450	0	0	450
<b>HYDRANTS:</b>					
6"	Mueller Cent.	661	1	1	661
6"	Mueller Im.	11			11
6"	Waterous	906	2	1	907
6"	AVK	9			9
6"	DWD	0			0
6"	Amer. Darling	3			3
	TOTAL	1,590	3	2	1,591

# FACILITY OWNERSHIP STATISTICAL REPORT

## YEAR ENDING DECEMBER 31, 2023

### SEWER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total 12/31/2022</u>	<u>Add</u>	<u>Subtract</u>	<u>Total 12/31/2023</u>
<b>PIPE:</b>					
8"	CP	250			250
8"	VCP	91,548			91,548
8"	PVC	486,504			486,504
8"	C-900	130,308			130,308
8"	CPP	5,261			5,261
10"	VCP	5,044			5,044
10"	PVC	14,582			14,582
10"	C-900	4,982			4,982
12"	VCP	20,356			20,356
12"	PVC	11,629			11,629
12"	CP	178			178
12"	C-900	821			821
12"	CPP	1,320			1,320
15"	UVRC	141			141
15"	VCP	10,123			10,123
15"	PVC	9,491			9,491
15"	CP	3,613			3,613
15"	CPP	7,662			7,662
18"	VCP	9,464			9,464
18"	CPP	1,325			1,325
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	2,180			2,180
33"	CPP	13,103			13,103
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
	<b>TOTAL</b>	<b>865,931</b>	<b>0</b>	<b>0</b>	<b>865,931</b>

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, 2023**

### **Taps**

Water Taps Sold in 2023	10
3/4" Equivalent Water Taps Sold in 2023	13
Sewer Taps Sold in 2023	12
Single Family Equivalent Sewer Taps Sold in 2023	12

### **Consumption**

Total Water Delivered (gallons)	1,633,261,000
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## WATER & SEWER SUPPLY REPORT - (2014-2023)

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>POPULATION:</b>										
RS Population (3.04)	36449.6	36,422.24	36,166.88	36,081.76	36,081.76	36,081.76	35,963.20	35,859.84	35,832.48	35,799.04
RM Population (2.04)	13037.64	13,035.60	12,913.20	12,913.20	12,205.32	12,205.32	12,205.32	12,205.32	11,691.24	11,691.24
Total Population	49487.24	49,457.84	49,080.08	48,994.96	48,287.08	48,287.08	48,168.52	48,065.16	47,523.72	47,490.28
<b>WATER TAPS:</b>										
Total Active Taps	12861	12,849	12,820	12,738	12,712	12,687	12,687	12,643	12,599	12,581
Single Family Residential	11648	11,639	11,563	11,537	11,537	11,537	11,498	11,464	11,446	11,437
Multi Family Residential	808	807	804	804	780	780	780	780	780	768
Commercial	405	403	400	400	399	399	394	384	384	381
Taps Sold	10	29	82	26	25	0	44	44	18	24
Single Family Residential	8	25	76	26	0	0	39	34	18	9
Multi Family Residential	1	2	3	0	24	0	0	0	0	12
Commercial	1	2	3	0	1	0	5	10	0	3
Total 3/4" Equivalents	15451	15,433	15,320	15,288	15,176	15,176	15,117	15,036	15,015	14,947
Single Family Residential	11665	11,656	11,580	11,548	11,548	11,548	11,509	11,474	11,453	11,444
Multi Family Residential	2172	2,171	2,147	2,147	2,053	2,053	2,053	2,053	2,053	2,010
Commercial	1614	1,606	1,593	1,593	1,575	1,575	1,555	1,509	1,509	1,493
3/4" Equivalents Sold	13	63	113	32	112	0	59	81	21	68
Single Family Residential	8	25	76	32	0	0	39	35	21	9
Multi Family Residential	1	16	24	0	94	0	0	0	0	43
Commercial	4	22	13	0	18	0	20	46	0	16
Tap Size Sold										
3/4"	9	25	77	24	0	0	39	35	17	10
1"	0	0	0	0	7	0	2	1	0	1
1 1/2"	1	1	1	2	6	0	2	5	1	12
2" or >	0	3	4	0	8	0	1	3	0	1

## WATER & SEWER SUPPLY REPORT - (2014-2023)

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>SEWER TAPS:</b>										
Total Active Taps	18706.00	18,694.00	18,627.00	18,481.00	18,433.00	18,085.00	18,085.00	18,041.00	18,000.00	17,738.00
Single Family Residential	11990.00	11,981.00	11,897.00	11,869.00	11,869.00	11,869.00	11,830.00	11,796.00	11,787.00	11,776.00
Multi Family Residential	6391.00	6,390.00	6,330.00	6,330.00	5,983.00	5,983.00	5,983.00	5,983.00	5,731.00	5,731.00
Commercial	325.00	323.00	321.00	301.00	300.00	300.00	295.00	288.00	287.00	286.00
Taps Sold	12.00	67.00	146.00	48.00	348.00	0.00	44.00	41.00	262.00	12.00
Single Family Residential	9.00	25.00	84.00	28.00	0.00	0.00	39.00	34.00	9.00	11.00
Multi Family Residential	1.00	40.00	60.00	0.00	347.00	0.00	0.00	0.00	252.00	0.00
Commercial	2.00	2.00	2.00	20.00	1.00	0.00	5.00	7.00	1.00	1.00
Total Single Family Equiv.	19992.77	19,980.77	19,815.77	19,767.77	19,377.77	19,377.77	19,318.77	19,274.77	19,012.77	18,997.27
Single Family Residential	11990.00	11,981.00	11,897.00	11,869.00	11,869.00	11,869.00	11,830.00	11,796.00	11,787.00	11,776.00
Multi Family Residential	6391.00	6,390.00	6,330.00	6,330.00	5,983.00	5,983.00	5,983.00	5,983.00	5,731.00	5,731.00
Commercial	1611.77	1,609.77	1,588.77	1,568.77	1,525.77	1,525.77	1,505.77	1,495.77	1,494.77	1,490.27
Single Family Equiv. Sold	12.00	67.00	165.00	48.00	390.00	0.00	59.00	44.00	262.00	15.50
Single Family Residential	9.00	25.00	84.00	28.00	0.00	0.00	39.00	34.00	9.00	11.00
Multi Family Residential	1.00	40.00	60.00	0.00	347.00	0.00	0.00	0.00	252.00	0.00
Commercial	2.00	2.00	21.00	20.00	43.00	0.00	20.00	10.00	1.00	4.50
<b>CONSUMPTION:</b>										
Total Water Delivered*	1,633,261.00	1,970,553.00	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
Gal./3/4" Equivilant/Day	289.61	349.82	338.24	361.74	303.84	323.83	336.22	332.85	319.48	318.07
Gal./Capita/Day	90.42	109.16	105.58	112.88	95.49	101.78	105.52	104.13	100.94	100.11
Gal./Account/Day	347.93	420.17	404.20	434.16	362.73	387.37	400.62	395.86	380.74	377.89
Single Family Res. - Delivered*	1,008,946.00	1,266,416.00	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
Gal./3/4" Equivilant/Day	236.97	297.67	289.35	322.18	269.02	290.10	290.87	298.91	282.55	262.39
Gal./Account/Day	237.31	298.10	289.78	322.49	269.28	290.38	291.15	299.17	282.73	262.55
Multifamily Res. - Delivered*	315,587.00	356,765.00	341,527.00	325,427.00	301,667.00	337,340.00	352,078.00	305,315.00	305,455.00	342,253.00
Gal./3/4" Equivilant/Day	398.08	450.22	435.81	415.27	402.57	450.18	469.85	407.44	407.63	466.51
Gal./Account/Day	1,070.08	1,211.20	1,163.79	1,108.93	1,059.60	1,184.90	1,236.66	1,072.41	1,072.90	1,220.94
Commercial - Delivered*	308,728.00	347,372.00	326,836.00	335,153.00	247,442.00	233,662.00	281,204.00	269,588.00	264,268.00	297,011.00
Gal./3/4" Equivilant/Day	524.06	592.59	562.11	576.41	430.43	406.46	495.45	489.46	479.80	545.03
Gal./Account/Day	2,088.47	2,361.55	2,238.60	2,295.57	1,699.06	1,604.44	1,955.39	1,923.43	1,885.47	2,135.77

\*in thousands of gallons

## WATER & SEWER SUPPLY REPORT - (2014-2023)

FACILITY:	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
<b>Water</b>										
Distribution Mains*	175.03	175.03	175.01	174.89	174.52	174.46	174.46	174.43	174.43	174.43
Insatllled (new)**	0.00	103.00	618.00	1,948.00	349.00	0.00	130.00	0.00	0.00	905.00
Installed (replaced)**	0.00	2,661.00	3,208.00	149.00	0.00	1,120.00	0.00	0.00	1,425.00	1,045.00
No. Water Main Breaks	7	12	12	12	19	6	10	8	12	14
Valves Op. & Serv.	3,341	3,316	3,300	3,308	3,293	3,290	3,268	3,223	3,249	3,195
Distribution Main Flushing	504	505	505	604	650	653	645	645	561	550
Hydrants Op. Serv.	1,572	1,560	1,556	1,560	1,557	1,545	1,384	1,528	1,528	1,513
<b>Sewer</b>										
Collection Mains	146.36	146.36	146.32	146.26	145.94	145.75	145.75	145.75	145.40	145.40
Installed (new)**	0.00	227.00	297.00	1,702.00	989.00	0.00	0.00	1,869.00	0.00	0.00
Installed (replaced)**	0.00	0.00	547.00	0.00	0.00	0.00	0.00	0.00	495.00	0.00
Interceptor Mains*	17.64	17.64	17.62	17.62	17.62	17.62	17.62	17.62	17.62	17.62
No. Sewer Backups	0	1	1	0	0.00	0.00	1.00	0.00	1.00	1.00
Main Televised**	117,342	194,019	205,147	199,477	242,390.00	204,490.00	201,790.00	194,616.00	239,904.00	190,698.00
Main Hyd. Cleaned**	262,407	207,977	244,200	204,080	217,167.00	203,934.00	239,263.00	60,438.00	61,857.00	62,030.00
Main Root Cut**	21,074	11,915	9,403	10,921	15,784.00	10,156.00	8,345.00	12,922.00	14,259.00	13,338.00
Main Root Treated**	5,383	0	0	883	1,287.00	883.00	1,287.00	2,170.00	0.00	883.00
<b>ADMINISTRATION:</b>										
No. Full Time Equivalents	12.64	12.39	12.25	12.70	12.12	12.26	12.08	11.97	10.94	11.75
Total Hours Worked	26,294.00	25,766.00	25,481.00	26,422.00	25,208.16	25,495.00	25,136.00	24,891.00	22,745.00	24,437.00
Total Hours Worked(PC)	10,638.00	9,929.00	9,984.00	10,676.00	9,839.48	10,808.00	9,935.00	9,156.00	8,569.00	9,834.00
Administration	5,398.00	5,667.00	5,672.00	6,688.00	5,942.92	6,306.00	5,347.00	4,746.00	4,115.00	5,411.00
Maintenance	5,240.00	4,262.00	4,312.00	3,988.00	3,896.56	4,502.00	4,588.00	4,410.00	4,454.00	4,423.00
Total Hours Worked(SWM)	13,320.00	13,467.00	13,090.00	13,086.00	13,191.18	12,294.00	12,681.00	12,941.00	12,085.00	12,953.00
Administration	5,685.00	5,909.00	5,915.00	6,618.00	5,824.41	5,615.00	5,359.00	6,113.00	4,470.00	5,404.00
Maintenance	7,635.00	7,558.00	7,175.00	6,468.00	7,366.77	6,679.00	7,322.00	6,828.00	7,615.00	7,549.00
Total Hours Worked(Others)	2,336.00	2,370.00	2,407.00	2,660.00	2,177.50	2,393.00	2,520.00	2,794.00	2,091.00	1,650.00
Administration	559.00	488.00	674.00	1,170.00	834.75	871.00	1,201.00	1,047.00	1,255.00	409.00
Maintenance	1,777.00	1,882.00	1,733.00	1,490.00	1,342.75	1,522.00	1,319.00	1,747.00	836.00	1,241.00

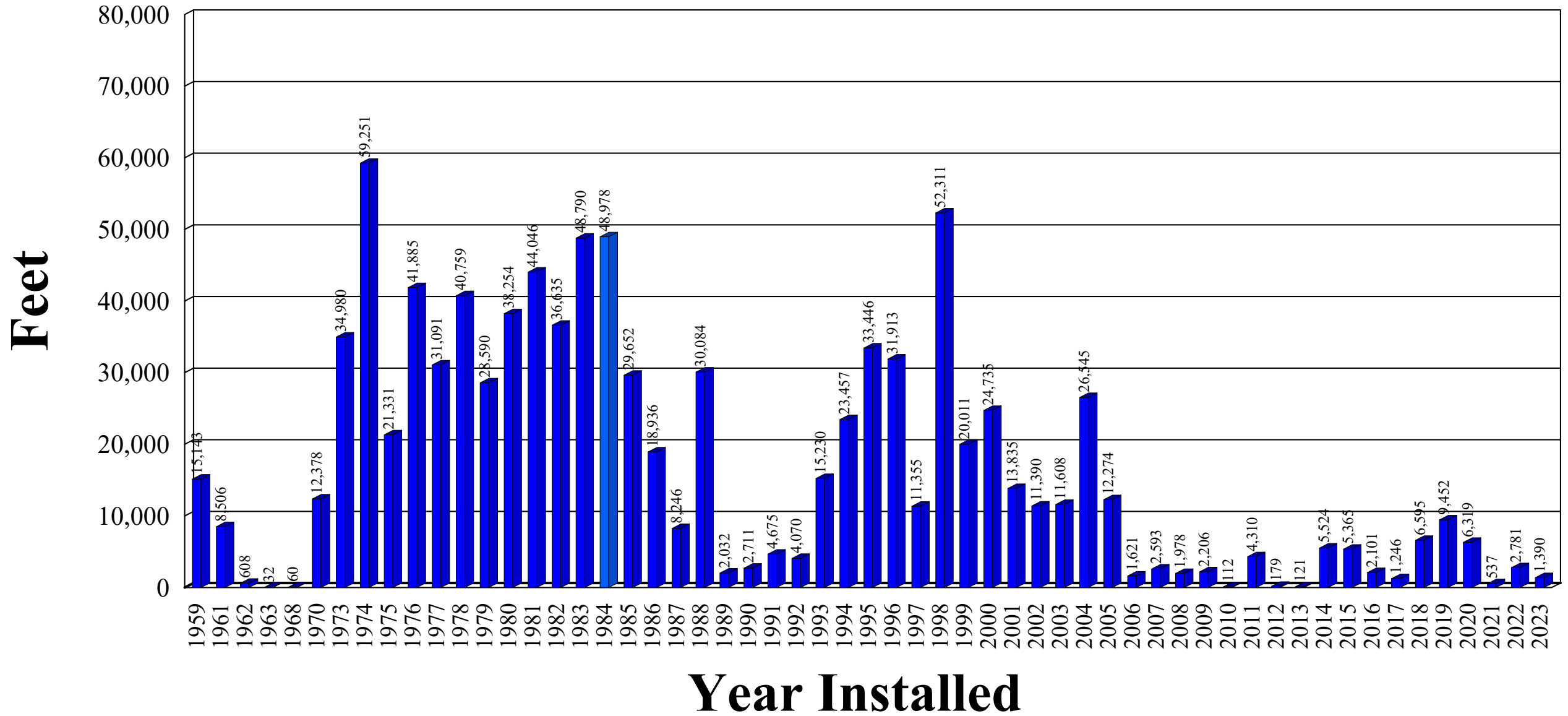
\* miles

\*\* feet



# SOUTHWEST METROPOLITAN W&S

## Water Pipe Installed By Year





20	24	Total
DUCTILE IRON PIPE	DUCTILE IRON PIPE	
0	0	<b>15,143</b>
0	0	<b>8,506</b>
0	0	<b>608</b>
0	0	<b>32</b>
0	0	<b>60</b>
0	0	<b>12,378</b>
0	0	<b>34,980</b>
0	1,337	<b>59,251</b>
0	0	<b>21,331</b>
0	0	<b>41,885</b>
0	0	<b>31,091</b>
0	0	<b>40,759</b>
0	0	<b>28,590</b>
0	882	<b>38,254</b>
0	0	<b>44,046</b>
0	0	<b>36,635</b>
0	0	<b>48,790</b>
0	0	<b>48,978</b>
0	0	<b>29,652</b>



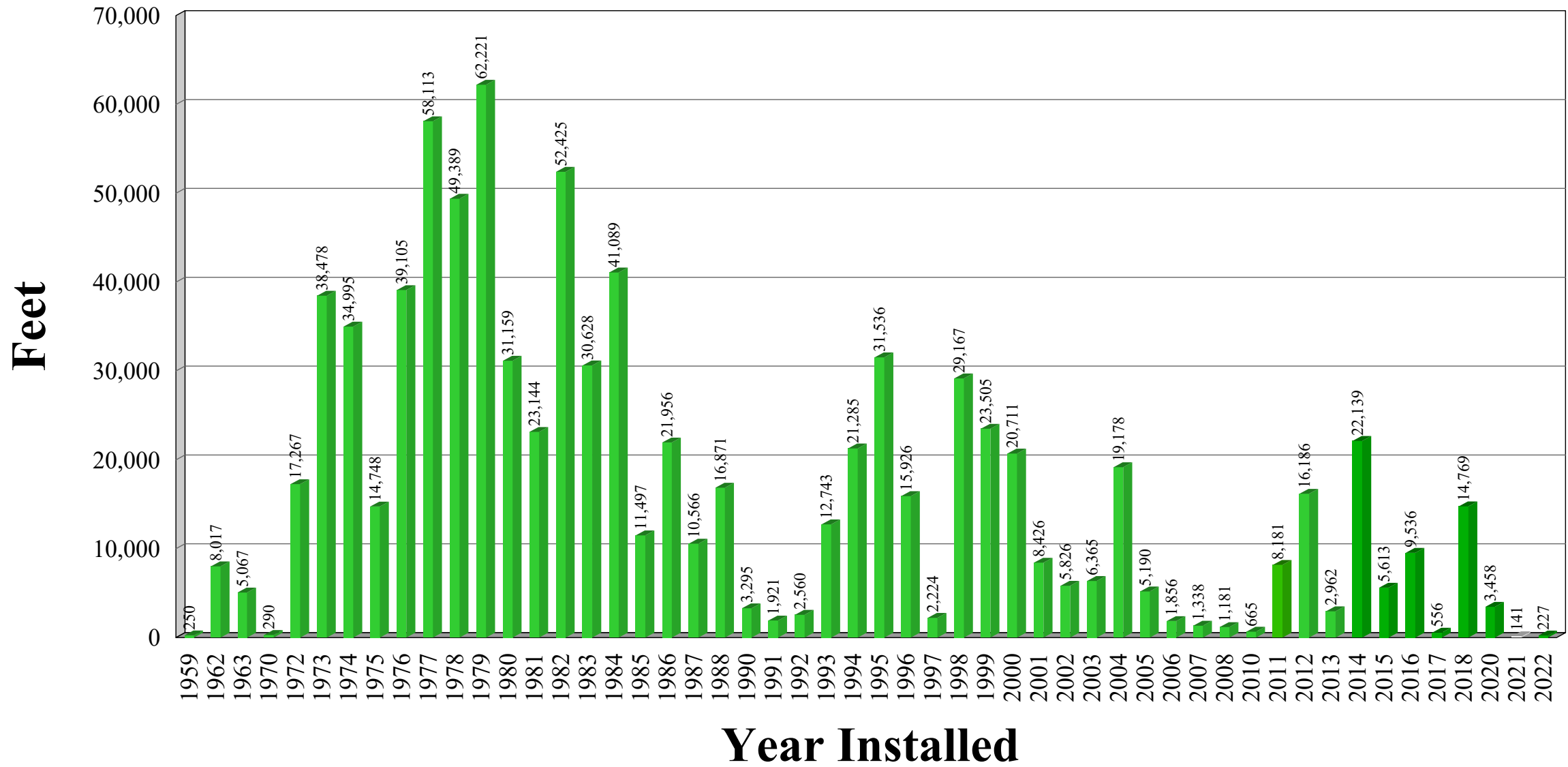
20	24	Total
DUCTILE IRON PIPE	DUCTILE IRON PIPE	
0	0	<b>18,936</b>
0	0	<b>8,246</b>
7,709	0	<b>30,084</b>
0	0	<b>2,032</b>
0	0	<b>2,711</b>
0	0	<b>4,675</b>
0	0	<b>4,070</b>
0	0	<b>15,230</b>
0	0	<b>23,457</b>
0	0	<b>33,446</b>
238	0	<b>31,913</b>
0	0	<b>11,355</b>
0	0	<b>52,311</b>
0	0	<b>20,011</b>
0	0	<b>24,735</b>
0	0	<b>13,835</b>
0	0	<b>11,390</b>
0	0	<b>11,608</b>
0	0	<b>26,545</b>
0	0	<b>12,274</b>

	4				6				8				10	12					15	16					17	18	
	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	POLYVINYL CHLORIDE PIPE	STEEL PIPE	DUCTILE IRON PIPE	STEEL 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	268	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	3	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	0	0	9
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	357	41	0	0	0	4,763	0	0	0	0	3,806	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	0	2	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
2022	0	0	0	0	0	0	17	478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,286	0	0	0	0
2023	0	0	0	0	0	0	64	0	0	0	0	679	0	0	0	0	647	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,938</b>	<b>290</b>	<b>1,189</b>	<b>4,487</b>	<b>142,661</b>	<b>6</b>	<b>70,301</b>	<b>45,319</b>	<b>128,010</b>	<b>408</b>	<b>95,734</b>	<b>172,990</b>	<b>161</b>	<b>92,423</b>	<b>2,626</b>	<b>72,722</b>	<b>61,432</b>	<b>74</b>	<b>10</b>	<b>4,407</b>	<b>9,103</b>	<b>31,477</b>	<b>2,286</b>	<b>50</b>	<b>2</b>	<b>2,993</b>	

20	24	Total
DUCTILE IRON PIPE	DUCTILE IRON PIPE	
0	0	1,621
0	0	2,593
0	0	1,978
0	0	2,206
0	0	112
0	0	4,310
0	0	179
0	0	121
0	0	5,524
0	0	5,365
0	0	2,101
0	0	1,246
0	0	6,595
0	0	9,452
0	0	6,319
0	0	537
0	0	2,781
0	0	1,390
<b>7,947</b>	<b>2,219</b>	<b>954,264</b>

# SOUTHWEST METROPOLITAN W&S

## Sewer Pipe Installed By Year









	8							10					12				15					18			21			24	27	33
	C900 POLYVINYL CHLORIDE PIPE	Cast Iron	Concrete Pipe (non-reinforced)	CURED IN PLACE PIPE	Other (State (in Comments	Polyvinyl Chloride	Verified Clay Pipe	C900 POLYVINYL CHLORIDE PIPE	Other (State (in Comments	Polyvinyl Chloride	Verified Clay 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 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	
1997	48	0	0	0	0	2,176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1998	11,184	0	0	0	7,775	8,037	0	0	0	826	0	0	0	1,345	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1999	922	0	0	0	1,192	19,323	0	0	882	1,186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2000	740	0	0	674	0	18,197	143	0	0	0	0	0	0	0	0	0	958	0	0	0	0	0	0	0	0	0	0	0	0	
2001	356	0	0	0	0	8,070	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2002	3,590	0	0	971	0	1,265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2003	2,421	0	0	0	0	3,944	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2004	12,683	0	0	0	0	4,943	0	0	0	0	0	0	1,292	0	0	0	259	0	0	0	0	0	0	0	0	0	0	0	0	
2005	3,017	0	0	0	0	2,173	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	781	0	226	333	0	0	0	0	0	0	516	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2007	906	0	0	0	0	432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2008	523	0	0	0	0	53	0	0	0	0	0	0	0	605	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	0	0	170	0	0	0	0	0	0	0	0	0	0	0	0	0	
2011	0	0	0	0	0	1,869	0	0	0	0	0	0	0	0	516	4,607	0	0	0	0	0	0	0	1,052	0	0	0	138	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	0	13,103	
2013	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	0	2,912	0	0	0	0	0	0	28	0	0	0	2,023	0	0	0	0	346	0	0	1,613	0	0	2,042	0	
2015	789	0	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	0	0	
2016	188	0	0	0	0	1,514	0	0	0	0	0	0	0	0	3,097	603	0	0	3,155	979	0	0	0	0	0	0	0	0	0	
2017	111	0	0	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	
2018	0	0	0	2,495	0	11,985	289	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	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	
2021	0	0	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	
2022	0	0	0	0	0	227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>82,185</b>	<b>66</b>	<b>250</b>	<b>4,921</b>	<b>8,967</b>	<b>525,301</b>	<b>92,161</b>	<b>2,884</b>	<b>882</b>	<b>15,811</b>	<b>5,044</b>	<b>178</b>	<b>1,320</b>	<b>12,446</b>	<b>20,392</b>	<b>3,613</b>	<b>7,662</b>	<b>9,476</b>	<b>141</b>	<b>10,122</b>	<b>1,325</b>	<b>1,804</b>	<b>9,464</b>	<b>2,665</b>	<b>6,035</b>	<b>3,019</b>	<b>153</b>	<b>2,180</b>	<b>13,103</b>	

	36	42		45	48	60	Total
	CURED IN PLACE PIPE	CURED IN PLACE PIPE	SPFROLITE POLYETHYLENE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	CURED IN PLACE PIPE	
1997	0	0	0	0	0	0	2,224
1998	0	0	0	0	0	0	29,167
1999	0	0	0	0	0	0	23,505
2000	0	0	0	0	0	0	20,711
2001	0	0	0	0	0	0	8,426
2002	0	0	0	0	0	0	5,826
2003	0	0	0	0	0	0	6,365
2004	0	0	0	0	0	0	19,178
2005	0	0	0	0	0	0	5,190
2006	0	0	0	0	0	0	1,856
2007	0	0	0	0	0	0	1,338
2008	0	0	0	0	0	0	1,181
2010	0	0	0	0	0	0	665
2011	0	0	0	0	0	0	8,181
2012	3,083	0	0	0	0	0	16,186
2013	0	0	0	0	0	0	2,962
2014	1,921	2,816	0	318	6,708	1,411	22,139
2015	4,499	0	0	0	0	0	5,613
2016	0	0	0	0	0	0	9,536
2017	0	0	0	0	0	0	556
2018	0	0	0	0	0	0	14,769
2020	0	0	0	0	0	0	3,458
2021	0	0	0	0	0	0	141
2022	0	0	0	0	0	0	227
<b>Total</b>	<b>9,503</b>	<b>2,816</b>	<b>1,616</b>	<b>318</b>	<b>6,708</b>	<b>1,411</b>	<b>865,942</b>