

PLATTE CANYON & SOUTHWEST METROPOLITAN WATER AND SANITATION

COMBINED FACILITY OWNERSHIP STATISTICAL REPORT YEAR ENDING DECEMBER 31, 2022

Water

Miles of Water Main Installed in 2022	1.19
No. of Isolation Valves Installed in 2022	29
No. of Blow-off Valves Installed in 2022	0
No. Fire Hydrants Installed in 2022	9
Miles of Water Main in System as of 12/31/2022	252.77
No. of Isolation Valves in system as of 12/31/2022	4,519
No. of Blow-off Valves in System as of 12/31/2022	582
No. of Fire Hydrants in System as of 12/31/2022	2,090

Sewer

Miles of Sewer Main Installed in 2022	0.04
Miles of Sewer Main in System as of 12/31/2022	239.99
No. of Manholes as of 12/31/2022	6,685
No. of Cleanouts as of 12/31/2022	25

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2022

WATER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2021</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2022</u>
PIPE:					
4"	ACP	4,280			4,280
4"	CIP	3,155			3,155
4"	DIP	1,189			1,189
4"	PVC	8,575			8,575
6"	ACP	263,656		39	263,617
6"	CIP	21,449		3,432	18,017
6"	DIP	40,840		29	40,811
6"	PVC	82,462	1,717	7	84,172
8"	ACP	183,678		10	183,668
8"	CIP	13,190			13,190
8"	DIP	104,857			104,857
8"	PVC	242,426		250	242,176
10"	ACP	865			865
10"	CIP	689			689
10"	DIP	253			253
12"	ACP	130,580		62	130,518
12"	CIP	8,777			8,777
12"	DIP	75,617			75,617
12"	PVC	67,008	2,283	38	69,253
12"	STL	74			74
16"	ACP	4,407			4,407
16"	CIP	10,794			10,794
16"	DIP	40,838		2,303	38,535
16"	PVC	1,082	2,286		3,368
16"	STL	2,267			2,267
18"	DIP	12			12
18"	STL	11,344			11,344
20"	DIP	7,947			7,947
24"	DIP	2,219			2,219
	TOTAL	1,334,530	6,286	6,170	1,334,646

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, 2022

WATER FACILITIES(continued)

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2021</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2022</u>
VALVES:					
2"	PRV	7			7
4"	Gate	76			76
4"	PRV	5			5
6"	Gate	1,288	12	13	1,287
6"	PRV	9			9
8"	Gate	2,025	3	6	2,022
8"	PRV	3			3
10"	Gate	12		7	5
10"	PRV	3			3
12"	Gate	1,044	14		1,058
12"	Check	1			1
12"	PRV	2			2
16"	Gate	4			4
16"	Butterfly	27			27
16"	Check	1			1
18"	Gate Valve	1			1
18"	Butterfly	5			5
20"	Butterfly	1			1
24"	Butterfly	2			2
	TOTAL	4,516	29	26	4,519
BLOW-OFFS:					
2"	Ball	396			396
2"	Gate	181			181
6"	Gate Valve	5			5
	TOTAL	582	0	0	582
HYDRANTS:					
6"	Mueller Cent.	784	9		793
6"	Mueller Im.	66		4	62
6"	Waterous	1,215		2	1,213
6"	Amer. Darling	8			8
6"	AVK	9			9
6"	DWD	1		1	0
6"	Kennedy	5			5
	TOTAL	2,088	9	7	2,090

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2022

SEWER FACILITIES

<u>Size</u>	<u>Type</u>	<u>Total</u> <u>12/31/2021</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2022</u>
PIPE:					
6"	VCP	150			150
8"	C-900	130,814			130,814
8"	CIP	223			223
8"	CP	4,466			4,466
8"	CPP	29,314			29,314
8"	DIP	84			84
8"	PVC	569,370	227		569,597
8"	SVC	2,574			2,574
8"	UVVC	300			300
8"	VCP	320,559			320,559
10"	C-900	4,982			4,982
10"	CPP	4,307			4,307
10"	PVC	17,290			17,290
10"	VCP	22,586			22,586
12"	C-900	821			821
12"	CP	596			596
12"	CPP	1,802			1,802
12"	PVC	11,629			11,629
12"	VCP	21,306			21,306
15"	CP	3,813			3,813
15"	CPP	7,662			7,662
15"	PVC	12,943			12,943
15"	UVRC	141			141
15"	VCP	10,123			10,123
16"	HDPE	1,039			1,039
16"	SRC	2,698			2,698
18"	CPP	6,128			6,128
18"	PVC	1,799			1,799
18"	SRC	4,928			4,928
18"	VCP	9,464			9,464
21"	CPP	3,978			3,978
21"	PVC	6,038			6,038
21"	VCP	3,019			3,019
22"	SRC	4,195			4,195
24"	CPP	4,007			4,007
24"	SRC	3,712			3,712
24"	PVC	203			203
27"	CPP	2,180			2,180
30"	SPE	186			186
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
	TOTAL	1,266,904	227	0	1,267,131

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
UVRC: UV-Cured Sliplined Reinforced Concrete Pipe
SVC: Sliplined Vitrified Clay Pipe

HDPE: High Density Polyethylene Pipe
CIP: Cast Iron Pipe
DIP: Ductile Iron Pipe
RCP: Reinforced Concrete Pipe
UVVC: UV-Cured Sliplined Vitrified Clay Pipe
SPE: Spirolite Polyethylene Pipe
SRC: Sliplined Reinforced Concrete Pipe

**PLATTE CANYON
WATER AND SANITATION DISTRICT**

**WATER & SEWER SUPPLY REPORT
YEAR ENDING DECEMBER 31, 2022**

Taps

Water Taps Sold in 2022	29
3/4" Equivalent Water Taps Sold in 2022	63
Sewer Taps Sold in 2022	69
Single Family Equivalent Sewer Taps Sold in 2022	69

Consumption

Total Water Delivered (gallons)	2,850,637,000
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WATER & SEWER SUPPLY REPORT - (2013-2022)

	<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>	<u>2013</u>
POPULATION:										
RS Population (3.04)	54,121.12	53,850.56	53,750.24	53,732.00	53,586.08	53,479.68	53,428.00	53,391.52	53,345.92	53,321.60
RM Population (2.04)	14,898.12	14,775.72	14,775.72	14,067.84	14,067.84	14,067.84	14,067.84	13,553.76	13,553.76	13,525.20
Total Population	69,019.24	68,626.28	68,525.96	67,799.84	67,653.92	67,547.52	67,495.84	66,945.28	66,899.68	66,846.80
WATER TAPS:										
Total Active Taps	18,734	18,650	18,621	18,592	18,547	18,503	18,484	18,459	18,443	18,420
Single Family Residential	17,257	17,181	17,152	17,148	17,108	17,074	17,055	17,045	17,031	17,024
Multi Family Residential	958	955	955	931	931	931	931	919	919	905
Commercial	519	514	514	513	508	498	498	495	493	491
Taps Sold	29	84	29	29	45	44	19	25	16	23
Single Family Residential	25	76	29	4	40	34	19	10	14	7
Multi Family Residential	2	3	0	24	0	0	0	12	0	14
Commercial	2	5	0	1	5	10	0	3	2	2
Total 3/4" Equivalents	22,149	21,992	21,960	21,844	21,844	21,784	21,703	21,680	21,611	21,593
Single Family Residential	17,481	17,405	17,373	17,369	17,369	17,329	17,294	17,271	17,261	17,247
Multi Family Residential	2,562	2,538	2,538	2,444	2,444	2,444	2,444	2,444	2,401	2,401
Commercial	2,106	2,049	2,049	2,031	2,031	2,011	1,965	1,965	1,949	1,945
3/4" Equivalents Sold	63	157	32	116	0	60	81	23	69	18
Single Family Residential	25	76	32	4	0	40	35	23	10	14
Multi Family Residential	16	24	0	94	0	0	0	0	43	0
Commercial	22	57	0	18	0	20	46	0	16	4
Tap Size Sold										
3/4"	25	77	24	4	0	40	35	17	11	14
1"	0	0	0	7	0	2	1	1	1	2
1 1/2"	1	1	2	6	0	2	5	5	12	0
2" or >	3	6	0	8	0	1	3	3	1	0

WATER & SEWER SUPPLY REPORT - (2013-2022)

	<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>	<u>2013</u>
SEWER TAPS:										
Total Active Taps	25,549.00	25,398.00	25,363.00	25,009.00	24,956.00	24,913.00	24,895.00	24,630.00	24,612.00	24,585.00
Single Family Residential	17,803.00	17,714.00	17,681.00	17,675.00	17,627.00	17,592.00	17,575.00	17,563.00	17,548.00	17,540.00
Multi Family Residential	7,303.00	7,243.00	7,243.00	6,896.00	6,896.00	6,896.00	6,896.00	6,644.00	6,644.00	6,630.00
Commercial	443.00	441.00	439.00	438.00	433.00	425.00	424.00	423.00	420.00	415.00
Taps Sold	69.00	151.00	35.00	354.00	53.00	43.00	18.00	265.00	18.00	27.00
Single Family Residential	27.00	89.00	33.00	6.00	48.00	35.00	17.00	12.00	15.00	8.00
Multi Family Residential	40.00	60.00	0.00	347.00	0.00	0.00	0.00	252.00	0.00	14.00
Commercial	2.00	2.00	2.00	1.00	5.00	8.00	1.00	1.00	3.00	5.00
Total Single Family Equiv.	27,319.64	27,149.64	27,085.64	26,689.64	26,683.64	26,633.64	26,587.64	26,569.64	26,304.64	26,285.14
Single Family Residential	17,803.00	17,714.00	17,681.00	17,675.00	17,669.00	17,621.00	17,586.00	17,569.00	17,557.00	17,542.00
Multi Family Residential	7,303.00	7,243.00	7,243.00	6,896.00	6,896.00	6,896.00	6,896.00	6,896.00	6,644.00	6,644.00
Commercial	2,213.64	2,192.64	2,161.64	2,118.64	2,118.64	2,116.64	2,105.64	2,104.64	2,103.64	2,099.14
Single Family Equiv. Sold	69.00	170.00	64.00	396.00	6.00	50.00	46.00	18.00	265.00	19.50
Single Family Residential	27.00	89.00	33.00	6.00	6.00	48.00	35.00	17.00	12.00	15.00
Multi Family Residential	40.00	60.00	0.00	347.00	0.00	0.00	0.00	0.00	252.00	0.00
Commercial	2.00	21.00	31.00	43.00	0.00	2.00	11.00	1.00	1.00	4.50
CONSUMPTION:										
Total Water Delivered*	2,850,637.00	2,734,400.00	2,974,740.00	2,480,918.00	2,656,608.00	2,703,817.00	2,690,130.00	2,537,846.00	2,517,435.00	2,641,643.00
Gal./3/4" Equivilant/Day	352.61	340.65	371.13	311.16	333.20	340.05	339.59	320.71	319.15	335.17
Gal./Capita/Day	113.16	109.16	118.93	100.25	107.58	109.67	109.20	103.86	103.10	108.27
Gal./Account/Day	416.89	401.69	437.68	365.59	392.43	400.35	398.74	376.67	373.97	392.91
Single Family Res. - Delivered*	2,030,214.00	1,948,209.00	2,198,280.00	1,825,845.00	1,968,209.00	1,935,594.00	1,993,904.00	1,854,288.00	1,735,240.00	1,849,962.00
Gal./3/4" Equivilant/Day	318.19	306.67	346.67	288.00	310.46	306.02	315.88	294.15	275.42	293.87
Gal./Account/Day	322.32	310.67	351.14	291.71	315.19	310.59	320.30	298.05	279.14	297.72
Mulit-Family Res. - Delivered*	410,427.00	394,242.00	379,083.00	331,603.00	378,895.00	378,693.00	336,684.00	356,276.00	396,780.00	404,269.00
Gal./3/4" Equivilant/Day	50.77	49.11	47.29	41.59	47.52	47.63	42.50	45.02	50.30	51.29
Gal./Account/Day	60.02	57.92	55.77	48.87	55.97	56.07	49.90	52.88	58.94	60.13
Commercial - Delivered*	409,996.00	391,949.00	397,377.00	323,470.00	309,504.00	389,530.00	359,542.00	327,282.00	385,415.00	387,412.00
Gal./3/4" Equivilant/Day	64.26	61.70	62.67	51.02	48.82	61.58	56.96	51.92	61.17	61.54
Gal./Account/Day	65.09	62.50	63.47	51.68	49.56	62.50	57.76	52.61	62.00	62.35

*in thousands of gallons

WATER & SEWER SUPPLY REPORT - (2013-2022)

FACILITY:	<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>	<u>2013</u>
Water										
Distribution Mains*	252.77	252.75	252.62	252.55	252.55	252.42	252.42	252.39	251.93	251.75
Insatlled (new)**	116.00	697.00	349.00	0.00	691.00	0.00	198.00	2,397.00	976.00	1,981.00
Installed (replaced)**	6,170.00	4,894.00	919.00	11.20	0.00	73.00	3,549.00	1,977.00	2,772.00	1,657.00
No. Water Main Breaks	18	26	30	27	20	15	25	22	21	16
Valves Op. & Serv.	4,828	4,506	4,473	4,476	4,459	4,413	4,439	4,382	4,264	4,372
Distribution Main Flushing	676	797	849	852	839	842	722	709	173	680
Hydrants Op. Serv.	2,050	2,049	2,048	2,036	1,847	2,019	2,019	2,004	2,004	2,002
Sewer										
Collection Mains	228.34	228.30	228.25	228.25	228.13	227.78	227.78	227.78	227.77	227.60
Installed (new)**	227.00	297.00	0.00	609.00	1,869.00	0.00	0.00	27.00	921.00	4,404.00
Installed (replaced)**	0.00	13,168.00	0.00	0.00	0.00	695.00	300.00	1,276.00	2,409.00	5,276.00
Interceptor Mains*	11.64	23.53	23.53	23.53	23.53	23.62	23.62	23.62	23.62	5.82
No. Sewer Backups	1.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00
Main Televised**	295,274.00	329,255.00	319,399.00	305,730.00	304,575.00	314,898.00	320,295.00	287,821.00	316,050.00	297,197.00
Main Hyd. Cleaned**	317,441.00	261,834.00	295,505.00	306,161.00	287,937.00	92,189.00	102,880.00	115,452.00	102,991.00	101,614.00
Main Root Cut**	53,524.00	98,245.00	60,758.00	50,527.00	71,851.00	85,924.00	64,410.00	64,106.00	93,541.00	96,584.00
Main Root Treated**	0.00	10,608.00	15,816.00	17,049.00	14,640.00	23,021.00	12,578.00	14,941.00	16,081.00	11,536.00
ADMINISTRATION:										
No. Full Time Equivalents	12.39	12.25	11.98	12.70	12.12	12.26	12.08	11.97	10.94	11.34
Total Hours Worked	25,766.00	25,481.00	24,918.00	26,422.00	25,208.16	25,495.00	25,136.00	24,891.00	22,745	23,590
Total Hours Worked(PC)	9,929.00	9,984.00	10,059.00	10,676.00	9,839.48	10,808.00	9,935.00	9,156.00	8,569	9,213
Administration	5,667.00	5,672.00	6,308.00	6,688.00	5,942.92	6,306.00	5,347.00	4,746.00	4,115.00	5,189.00
Maintenance	4,262.00	4,312.00	3,751.00	3,988.00	3,896.56	4,502.00	4,588.00	4,410.00	4,454.00	4,024.00
Total Hours Worked(SWM)	13,467.00	13,090.00	12,787.00	13,086.00	13,191.18	12,294.00	12,681.00	12,941.00	12,085.00	12,419.00
Administration	5,909.00	5,915.00	6,570.00	6,618.00	5,824.41	5,615.00	5,359.00	6,113.00	4,470.00	6,071.00
Maintenance	7,558.00	7,175.00	6,217.00	6,468.00	7,366.77	6,679.00	7,322.00	6,828.00	7,615.00	6,348.00
Total Hours Worked(Others)	2,370.00	2,407.00	2,072.00	2,660.00	2,177.50	2,393.00	2,520.00	2,794.00	2,091.00	1,958.00
Administration	488.00	674.00	708.00	1,170.00	834.75	871.00	1,201.00	1,047.00	1,255.00	617.00
Maintenance	1,882.00	1,733.00	1,364.00	1,490.00	1,342.75	1,522.00	1,319.00	1,747.00	836.00	1,341.00

* miles

** feet