

PLATTE CANYON & SOUTHWEST METROPOLITAN WATER AND SANITATION

COMBINED FACILITY OWNERSHIP STATISTICAL REPORT YEAR ENDING DECEMBER 31, 2023

Water

Miles of Water Main Installed in 2023	0.60
No. of Isolation Valves Installed in 2023	21
No. of Blow-off Valves Installed in 2023	0
No. Fire Hydrants Installed in 2023	7
Miles of Water Main in System as of 12/31/2023	253.05
No. of Isolation Valves in system as of 12/31/2023	4,534
No. of Blow-off Valves in System as of 12/31/2023	582
No. of Fire Hydrants in System as of 12/31/2023	2,093

Sewer

Miles of Sewer Main Installed in 2023	0.20
Miles of Sewer Main in System as of 12/31/2023	240.19
No. of Manholes as of 12/31/2023	6,685
No. of Cleanouts as of 12/31/2023	25

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>
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	263,617		13	263,604
6"	CIP	18,017			18,017
6"	DIP	40,811	21	26	40,806
6"	PVC	84,172	68		84,240
8"	ACP	183,668		95	183,573
8"	CIP	13,190		1,577	11,613
8"	DIP	104,857			104,857
8"	PVC	242,176	2,445		244,621
10"	ACP	865			865
10"	CIP	689			689
10"	DIP	253			253
12"	ACP	130,518			130,518
12"	CIP	8,777			8,777
12"	DIP	75,617			75,617
12"	PVC	69,253	647		69,900
12"	STL	74			74
16"	ACP	4,407			4,407
16"	CIP	10,794			10,794
16"	DIP	38,535			38,535
16"	PVC	3,368			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	1,334,646	3,181	1,711	1,336,116

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</u> <u>12/31/2022</u>	<u>Add</u>	<u>Subtract</u>	<u>Total</u> <u>12/31/2023</u>
VALVES:					
2"	PRV	7			7
4"	Gate	76			76
4"	PRV	5			5
6"	Gate	1,287	6	2	1,291
6"	PRV	9			9
8"	Gate	2,022	11	3	2,030
8"	PRV	3			3
10"	Gate	5			5
10"	PRV	3			3
12"	Gate	1,058	4	1	1,061
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	4,519	21	6	4,534
BLOW-OFFS:					
2"	Ball	396			396
2"	Gate	181			181
6"	Gate Valve	5			5
	TOTAL	582	0	0	582
HYDRANTS:					
6"	Mueller Cent.	793	5	1	797
6"	Mueller Im.	62		1	61
6"	Waterous	1,213	2	2	1,213
6"	Amer. Darling	8			8
6"	AVK	9			9
6"	DWD	0			0
6"	Kennedy	5			5
	TOTAL	2,090	7	4	2,093

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2023

SEWER 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>
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	569,597	1,061		570,658
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	1,267,131	1,061	0	1,268,192

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, 2023**

Taps

Water Taps Sold in 2023	34
3/4" Equivalent Water Taps Sold in 2023	38
Sewer Taps Sold in 2023	35
Single Family Equivalent Sewer Taps Sold in 2023	35

Consumption

Total Water Delivered (gallons)	2,850,637,000
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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>
POPULATION:										
RS Population (3.04)	54,218.40	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
RM Population (2.04)	14,900.16	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
Total Population	69,118.56	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
WATER TAPS:										
Total Active Taps	18,770	18,734	18,650	18,621	18,592	18,547	18,503	18,484	18,459	18,443
Single Family Residential	17,288	17,257	17,181	17,152	17,148	17,108	17,074	17,055	17,045	17,031
Multi Family Residential	959	958	955	955	931	931	931	931	919	919
Commercial	523	519	514	514	513	508	498	498	495	493
Taps Sold	34	29	84	29	29	45	44	19	25	16
Single Family Residential	30	25	76	29	4	40	34	19	10	14
Multi Family Residential	1	2	3	0	24	0	0	0	12	0
Commercial	3	2	5	0	1	5	10	0	3	2
Total 3/4" Equivalents	22,192	22,149	21,992	21,960	21,844	21,844	21,784	21,703	21,680	21,611
Single Family Residential	17,512	17,481	17,405	17,373	17,369	17,369	17,329	17,294	17,271	17,261
Multi Family Residential	2,563	2,562	2,538	2,538	2,444	2,444	2,444	2,444	2,444	2,401
Commercial	2,117	2,106	2,049	2,049	2,031	2,031	2,011	1,965	1,965	1,949
3/4" Equivalents Sold	38	63	157	32	116	0	60	81	23	69
Single Family Residential	30	25	76	32	4	0	40	35	23	10
Multi Family Residential	1	16	24	0	94	0	0	0	0	43
Commercial	7	22	57	0	18	0	20	46	0	16
Tap Size Sold										
3/4"	32	25	77	24	4	0	40	35	17	11
1"	1	0	0	0	7	0	2	1	1	1
1 1/2"	1	1	1	2	6	0	2	5	5	12
2" or >	0	3	6	0	8	0	1	3	3	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>
SEWER TAPS:										
Total Active Taps	25,585.00	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
Single Family Residential	17,835.00	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
Multi Family Residential	7,304.00	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
Commercial	446.00	443.00	441.00	439.00	438.00	433.00	425.00	424.00	423.00	420.00
Taps Sold	35.00	69.00	151.00	35.00	354.00	53.00	43.00	18.00	265.00	18.00
Single Family Residential	32.00	27.00	89.00	33.00	6.00	48.00	35.00	17.00	12.00	15.00
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	2.00	1.00	5.00	8.00	1.00	1.00	3.00
Total Single Family Equiv.	27,355.64	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
Single Family Residential	17,835.00	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
Multi Family Residential	7,304.00	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
Commercial	2,216.64	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
Single Family Equiv. Sold	35.00	69.00	170.00	64.00	396.00	6.00	50.00	46.00	18.00	265.00
Single Family Residential	32.00	27.00	89.00	33.00	6.00	6.00	48.00	35.00	17.00	12.00
Multi Family Residential	1.00	40.00	60.00	0.00	347.00	0.00	0.00	0.00	0.00	252.00
Commercial	2.00	2.00	21.00	31.00	43.00	0.00	2.00	11.00	1.00	1.00
CONSUMPTION:										
Total Water Delivered*	2,303,907.00	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
Gal./3/4" Equivilant/Day	284.43	352.61	340.65	371.13	311.16	333.20	340.05	339.59	320.71	319.15
Gal./Capita/Day	91.32	113.16	109.16	118.93	100.25	107.58	109.67	109.20	103.86	103.10
Gal./Account/Day	336.29	416.89	401.69	437.68	365.59	392.43	400.35	398.74	376.67	373.97
Single Family Res. - Delivered*	1,575,356.00	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
Gal./3/4" Equivilant/Day	246.46	318.19	306.67	346.67	288.00	310.46	306.02	315.88	294.15	275.42
Gal./Account/Day	249.66	322.32	310.67	351.14	291.71	315.19	310.59	320.30	298.05	279.14
Mult-Family Res. - Delivered*	361,549.00	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
Gal./3/4" Equivilant/Day	44.64	50.77	49.11	47.29	41.59	47.52	47.63	42.50	45.02	50.30
Gal./Account/Day	52.77	60.02	57.92	55.77	48.87	55.97	56.07	49.90	52.88	58.94
Commercial - Delivered*	367,002.00	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
Gal./3/4" Equivilant/Day	57.42	64.26	61.70	62.67	51.02	48.82	61.58	56.96	51.92	61.17
Gal./Account/Day	58.16	65.09	62.50	63.47	51.68	49.56	62.50	57.76	52.61	62.00

*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>
Water										
Distribution Mains*	253.05	253.05	253.03	252.90	252.83	252.83	252.70	252.70	252.66	252.21
Insatlled (new)**	0.00	116.00	697.00	349.00	0.00	691.00	0.00	198.00	2,397.00	976.00
Installed (replaced)**	1,711.00	6,170.00	4,894.00	919.00	11.20	0.00	73.00	3,549.00	1,977.00	2,772.00
No. Water Main Breaks	13	18	26	30	27	20	15	25	22	21
Valves Op. & Serv.	4,576	4,828	4,506	4,473	4,476	4,459	4,413	4,439	4,382	4,264
Distribution Main Flushing	675	676	797	849	852	839	842	722	709	173
Hydrants Op. Serv.	2,062	2,050	2,049	2,048	2,036	1,847	2,019	2,019	2,004	2,004
Sewer										
Collection Mains	228.55	228.35	228.30	228.25	228.25	228.13	227.78	227.78	227.78	227.77
Installed (new)**	1,061.00	227.00	297.00	0.00	609.00	1,869.00	0.00	0.00	27.00	921.00
Installed (replaced)**	0.00	0.00	13,168.00	0.00	0.00	0.00	695.00	300.00	1,276.00	2,409.00
Interceptor Mains*	11.64	11.64	23.53	23.53	23.53	23.53	23.62	23.62	23.62	23.62
No. Sewer Backups	4.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00
Main Televised**	168,397.00	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
Main Hyd. Cleaned**	341,444.00	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
Main Root Cut**	88,577.00	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
Main Root Treated**	38,039.00	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
ADMINISTRATION:										
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