

PLATTE CANYON & SOUTHWEST METROPOLITAN WATER AND SANITATION

COMBINED FACILITY OWNERSHIP STATISTICAL REPORT YEAR ENDING DECEMBER 31, 2021

Water

Miles of Water Main Installed in 2021	1.34
No. of Isolation Valves Installed in 2021	53
No. of Blow-off Valves Installed in 2021	0
No. Fire Hydrants Installed in 2021	11
Miles of Water Main in System as of 12/31/2021	252.65
No. of Isolation Valves in system as of 12/31/2021	4,522
No. of Blow-off Valves in System as of 12/31/2021	582
No. of Fire Hydrants in System as of 12/31/2021	2,088

Sewer

Miles of Sewer Main Installed in 2021	0.03
Miles of Sewer Main in System as of 12/31/2021	239.94
No. of Manholes as of 12/31/2021	6,685
No. of Cleanouts as of 12/31/2021	25

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	4,280			4,280
4"	CIP	3,344		188	3,156
4"	DIP	1,189			1,189
4"	PVC	8,575			8,575
6"	ACP	263,781		47	263,734
6"	CIP	23,593		2,110	21,483
6"	DIP	41,187	40		41,228
6"	PVC	79,451	2,600	45	82,005
8"	ACP	184,063		1	184,062
8"	CIP	14,322		1,132	13,190
8"	DIP	110,788			110,788
8"	PVC	232,136	4,027	33	236,130
10"	ACP	901			901
10"	CIP	684			684
10"	DIP	253			253
12"	ACP	130,066			130,066
12"	CIP	8,713			8,713
12"	DIP	75,617			75,617
12"	PVC	66,493	394		66,887
12"	STL	74			74
16"	ACP	4,407			4,407
16"	CIP	10,794			10,794
16"	DIP	40,902			40,902
16"	PVC	1,082			1,082
16"	STL	2,267			2,267
18"	DIP	12			12
18"	STL	11,345			11,345
20"	DIP	7,947			7,947
24"	DIP	2,219			2,219
	TOTAL	1,330,484	7,061	3,556	1,333,989

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, 2021

WATER FACILITIES(continued)

<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>
VALVES:					
2"	PRV	7			7
4"	Gate	76			76
4"	PRV	5			5
6"	Gate	1,278	21	12	1,287
6"	PRV	9			9
8"	Gate	2,015	25	9	2,031
8"	PRV	4			4
10"	Gate	12			12
10"	PRV	3			3
12"	Gate	1,037	7		1,044
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	4,490	53	21	4,522
BLOW-OFFS:					
2"	Ball	396			396
2"	Gate	181			181
6"	Gate Valve	5			5
	TOTAL	582	0	0	582
HYDRANTS:					
6"	Mueller Cent.	791	3		794
6"	Mueller Im.	56			56
6"	Waterous	1,210	8	3	1,215
6"	Amer. Darling	8			8
6"	AVK	9			9
6"	DWD	1			1
6"	Kennedy	5			5
	TOTAL	2,080	11	3	2,088

FACILITY OWNERSHIP STATISTICAL REPORT

YEAR ENDING DECEMBER 31, 2021

SEWER 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:					
6"	VCP	150.00			150.00
8"	CP	4,466.00			4,466.00
8"	VCP	320,380.79			320,380.79
8"	C-900	141,966.66			141,966.66
8"	CIP	223.00			223.00
8"	CPP	27,669.00			27,669.00
8"	DIP	84.00			84.00
8"	PVC	560,358.88			560,358.88
8"	SVC	2,574.00			2,574.00
8"	UVVC	300.00			300.00
10"	C-900	4,982.00			4,982.00
10"	CPP	4,307.00			4,307.00
10"	PVC	17,290.00			17,290.00
10"	VCP	22,591.00			22,591.00
12"	PVC	11,025.20			11,025.20
12"	C-900	1,428.00			1,428.00
12"	CP	596.00			596.00
12"	CPP	1,802.00			1,802.00
12"	VCP	20,971.00			20,971.00
15"	UVRC	0.00	141.00		141.00
15"	VCP	6,968.73			6,968.73
15"	PVC	12,942.97			12,942.97
15"	CP	433.00			433.00
15"	CPP	14,197.00			14,197.00
16"	HDPE	1,039.00			1,039.00
16"	SRC	2,698.00			2,698.00
18"	VCP	9,464.00			9,464.00
18"	PVC	1,799.00			1,799.00
18"	CPP	6,129.00			6,129.00
18"	SRC	4,928.00			4,928.00
21"	VCP	3,019.00			3,019.00
21"	PVC	6,038.00			6,038.00
21"	CPP	3,978.00			3,978.00
22"	SRC	4,195.00			4,195.00
24"	CPP	4,007.00			4,007.00
24"	PVC	203.00			203.00
24"	SRC	3,712.00			3,712.00
27"	CPP	2,183.00			2,183.00
30"	SPE	186.00			186.00
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	1,266,759.23	141.00	0.00	1,266,900.23

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, 2021

Taps

Water Taps Sold in 2021	84
3/4" Equivalent Water Taps Sold in 2021	157
Sewer Taps Sold in 2021	151
Single Family Equivalent Sewer Taps Sold in 2021	170

Consumption

Total Water Delivered (gallons)	2,734,400,000
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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)	54,039.04	53,546.56	53,446.24	53,428.00	53,282.08	53,175.68	53,124.00	53,087.52	53,041.92	53,017.60
RM Population (2.04)	14,818.56	14,751.24	14,751.24	14,043.36	14,043.36	14,043.36	14,043.36	13,529.28	13,529.28	13,500.72
Total Population	68,857.60	68,297.80	68,197.48	67,471.36	67,325.44	67,219.04	67,167.36	66,616.80	66,571.20	66,518.32
WATER TAPS:										
Total Active Taps	18,730	18,575	18,546	18,501	18,457	18,438	18,413	18,397	18,374	18,348
Single Family Residential	17,259	17,123	17,119	17,079	17,045	17,026	17,016	17,002	16,995	16,991
Multi Family Residential	956	958	934	934	934	934	922	922	908	891
Commercial	515	494	493	488	478	478	475	473	471	466
Taps Sold	84	29	29	45	44	19	25	16	23	26
Single Family Residential	76	29	4	40	34	19	10	14	7	4
Multi Family Residential	3	0	24	0	0	0	12	0	14	17
Commercial	5	0	1	5	10	0	3	2	2	5
Total 3/4" Equivalents	22,082	21,647	21,531	21,531	21,471	21,390	21,367	21,298	21,280	21,239
Single Family Residential	17,456	17,334	17,330	17,330	17,290	17,255	17,232	17,222	17,208	17,201
Multi Family Residential	2,546	2,460	2,366	2,366	2,366	2,366	2,366	2,323	2,323	2,309
Commercial	2,080	1,853	1,835	1,835	1,815	1,769	1,769	1,753	1,749	1,729
3/4" Equivalents Sold	157	32	116	0	60	81	23	69	18	41
Single Family Residential	76	32	4	0	40	35	23	10	14	7
Multi Family Residential	24	0	94	0	0	0	0	43	0	14
Commercial	57	0	18	0	20	46	0	16	4	20
Tap Size Sold										
3/4"	77	24	4	0	40	35	17	11	14	21
1"	0	0	7	0	2	1	1	1	2	1
1 1/2"	1	2	6	0	2	5	5	12	0	0
2" or >	6	0	8	0	1	3	3	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	25,482.00	25,279.00	25,244.00	24,890.00	24,837.00	24,794.00	24,776.00	24,511.00	24,493.00	24,466.00
Single Family Residential	17,776.00	17,614.00	17,581.00	17,575.00	17,527.00	17,492.00	17,475.00	17,463.00	17,448.00	17,440.00
Multi Family Residential	7,264.00	7,231.00	7,231.00	6,884.00	6,884.00	6,884.00	6,884.00	6,632.00	6,632.00	6,618.00
Commercial	442.00	434.00	432.00	431.00	426.00	418.00	417.00	416.00	413.00	408.00
Taps Sold	151.00	35.00	354.00	53.00	43.00	18.00	265.00	18.00	27.00	35.00
Single Family Residential	89.00	33.00	6.00	48.00	35.00	17.00	12.00	15.00	8.00	4.00
Multi Family Residential	60.00	0.00	347.00	0.00	0.00	0.00	252.00	0.00	14.00	28.00
Commercial	2.00	2.00	1.00	5.00	8.00	1.00	1.00	3.00	5.00	3.00
Total Single Family Equiv.	27,280.64	27,440.80	27,044.80	27,038.80	26,988.80	26,942.80	26,924.80	26,659.80	26,640.30	26,538.80
Single Family Residential	17,776.00	17,631.00	17,625.00	17,619.00	17,571.00	17,536.00	17,519.00	17,507.00	17,492.00	17,484.00
Multi Family Residential	7,264.00	7,578.00	7,231.00	7,231.00	7,231.00	7,231.00	7,231.00	6,979.00	6,979.00	6,965.00
Commercial	2,240.64	2,231.80	2,188.80	2,188.80	2,186.80	2,175.80	2,174.80	2,173.80	2,169.30	2,089.80
Single Family Equiv. Sold	170.00	64.00	396.00	6.00	50.00	46.00	18.00	265.00	19.50	101.50
Single Family Residential	89.00	33.00	6.00	6.00	48.00	35.00	17.00	12.00	15.00	8.00
Multi Family Residential	60.00	0.00	347.00	0.00	0.00	0.00	0.00	252.00	0.00	14.00
Commercial	21.00	31.00	43.00	0.00	2.00	11.00	1.00	1.00	4.50	79.50
CONSUMPTION:										
Total Water Delivered*	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	782,368.52	2,641,643.00	3,380,914.00
Gal./3/4" Equivilant/Day	339.26	376.49	315.69	338.04	345.01	344.56	325.41	100.64	340.10	436.12
Gal./Capita/Day	108.80	119.33	99.67	107.87	110.03	109.64	103.52	32.18	108.72	139.25
Gal./Account/Day	399.97	438.76	366.50	393.40	401.35	399.73	377.61	116.51	393.89	504.84
Single Family Res. - Delivered*	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	173.52	1,849,962.00	2,377,717.00
Gal./3/4" Equivilant/Day	305.77	347.45	311.16	306.00	315.95	294.42	0.03	294.30	378.56	0.00
Gal./Account/Day	309.26	351.73	314.99	310.50	320.49	298.38	0.03	298.11	383.31	0.00
Mulit-Family Res. - Delivered*	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	491,152.00
Gal./3/4" Equivilant/Day	48.91	47.98	438.74	438.51	389.87	412.55	459.45	476.79	579.26	0.00
Gal./Account/Day	57.67	55.91	1,111.42	1,110.83	987.60	1,045.07	1,179.03	1,201.29	1,481.96	0.00
Commercial - Delivered*	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	512,045.00
Gal./3/4" Equivilant/Day	61.52	62.81	462.10	581.58	542.73	506.88	596.91	605.48	802.09	0.00
Gal./Account/Day	62.22	63.58	1,719.99	2,186.90	2,060.77	1,875.86	2,223.01	2,243.98	2,978.48	0.00

*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*	252.65	251.99	251.85	251.79	251.79	251.66	251.66	251.62	251.17	250.98
Insatlled (new)**	3,505.14	697.00	349.00	0.00	691.00	0.00	198.00	2,397.00	976.00	1,981.00
Installed (replaced)**	3,555.73	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	26	30	27	20	15	25	22	21	16	23
Valves Op. & Serv.	4,506	4,473	4,476	4,459	4,413	4,439	4,382	4,264	4,372	4,366
Distribution Main Flushing	797	849	852	839	842	722	709	173	680	672
Hydrants Op. Serv.	2,049	2,048	2,036	1,847	2,019	2,019	2,004	2,004	2,002	2,000
Sewer										
Collection Mains	227.47	227.45	227.39	227.39	227.28	226.92	226.92	226.92	226.92	226.74
Installed (new)**	141.00	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*	12.47	23.53	23.53	23.53	23.53	23.62	23.62	23.62	23.62	5.82
No. Sewer Backups	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	1.00
Main Televised**	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	313,639.00
Main Hyd. Cleaned**	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	106,753.00
Main Root Cut**	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	112,442.00
Main Root Treated**	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	0.00
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	5,942.92	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	3,896.56	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	5,824.41	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	7,366.77	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	1,342.75	1,522.00	1,319.00	1,747.00	836.00	1,341.00	1,173.00	1,454.00

* miles

** feet