



**DATA INPUT SHEET**

Las Cruces Utilities

**4. MULTI-FAMILY RESIDENTIAL (MFR)**

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**MONTHLY DATA**

2020 TO 2014

**TABLE 4.1** [Info](#)

**MFR BILLED WATER CONSUMPTION (Monthly) (Gallons (US))**

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020	48,817,000	45,366,000	48,449,000	47,822,000	61,647,000	69,720,000	79,402,000	78,518,000	79,084,000	71,228,000	64,155,000	54,912,000
2019	50,691,000	45,445,000	46,447,000	47,135,000	58,303,000	65,068,000	66,789,000	72,116,000	73,991,000	58,717,000	59,255,000	46,727,000
2018	45,823,000	39,162,000	47,441,000	53,805,000	57,442,000	64,478,000	78,216,000	72,063,000	70,718,000	62,978,000	52,044,000	44,052,000
2017	36,154,000	30,748,000	38,321,000	41,085,000	45,425,000	48,236,000	53,575,000	50,442,000	51,216,000	43,263,000	42,851,000	38,008,000
2016												
2015												
2014												

**TABLE 4.2**

If only Current Number of Units is Known, put this number in Table 4.7

**NUMBER OF MFR UNITS (Monthly)**

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020	13,442	13,442	13,442	13,442	13,442	13,442	13,442	13,442	13,442	13,442	13,442	13,442
2019	13,262	13,262	13,262	13,262	13,262	13,262	13,262	13,262	13,262	13,262	13,262	13,262
2018	12,789	12,789	12,837	12,837	12,837	12,837	12,837	12,862	12,862	12,862	12,862	12,922
2017	12,789	12,789	12,789	12,789	12,789	12,789	12,789	12,789	12,789	12,789	12,789	12,789
2016												
2015												
2014												

**TABLE 4.3**

Formula = (Number of Units - Vacant MFR Connections) \* Ave. Household Size

**MFR POPULATION (Monthly)**

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020	29,153	29,153	29,153	29,153	29,153	29,153	29,153	29,153	29,153	29,153	29,153	29,153
2019	28,762	28,762	28,762	28,762	28,762	28,762	28,762	28,762	28,762	28,762	28,762	28,762
2018	27,722	27,722	27,839	27,839	27,839	27,839	27,839	27,899	27,899	27,899	27,899	28,045
2017	27,736	27,736	27,736	27,736	27,736	27,736	27,736	27,736	27,736	27,736	27,736	27,736
2016	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
2015	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
2014	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data

**TABLE 4.4**

Formula = MFR Billed Water Consumption (Monthly) / MFR Population (Monthly)

**MFR GPCD CALCULATION (Monthly)**

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020	54.02	55.58	53.61	54.68	68.21	79.72	87.86	86.88	90.43	78.82	73.36	60.76
2019	56.85	56.43	52.09	54.63	65.39	75.41	74.91	80.88	85.75	65.85	68.67	52.41
2018	53.32	50.45	54.97	64.42	66.56	77.20	90.63	83.32	84.49	72.82	62.18	50.67
2017	42.05	39.59	44.57	49.38	52.83	57.97	62.31	58.67	61.55	50.32	51.50	44.20
2016	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
2015	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
2014	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data

**ANNUAL DATA**

**TABLE 4.5**

ANNUAL CONSUMPTION
749,120,000
690,684,000
688,222,000
519,324,000
N/A
N/A
N/A

**TABLE 4.6**

ANNUAL CALCULATION
749,120,000
690,684,000
688,222,000
519,324,000
N/A
N/A
N/A

**TABLE 4.7**

No. CURRENT UNITS
13,442
13,262
12,844
12,789
N/A
N/A
N/A

**TABLE 4.8**

ANNUAL UNIT CALCULATION
13,442
13,262
12,844
12,789
N/A
N/A
N/A

**TABLE 4.9** [Info](#)

MFR POPULATION
29,153
28,762
27,857
27,736
N/A
N/A
N/A

**TABLE 4.10**

VACANT MFR CONNECTIONS
1445
1426
1381
1375
N/A
N/A
N/A

**TABLE 4.11** [Info](#)

ANNUAL MFR GPCD
70.40
65.79
67.69
51.30
N/A
N/A
N/A





## 7. TOTAL WATER DIVERTED AND SUPPLIED

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Las Cruces Utilities

### MONTHLY DATA

TABLE 7.1

TOTAL WATER DIVERTED (Monthly) (Gallons (US))												
Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020	417,989,500	387,409,800	420,521,700	551,797,900	716,275,300	783,908,900	806,041,700	797,777,800	681,383,200	626,298,700	471,232,200	425,906,400
2019	419,087,800	395,688,400	513,227,844	606,108,300	690,321,800	711,021,100	775,682,700	758,703,500	670,205,400	590,771,100	447,740,000	411,764,400
2018	435,118,368	415,602,696	545,232,800	645,052,396	784,639,104	816,805,210	772,146,320	775,559,800	668,306,120	554,486,400	450,537,400	419,979,000
2017	406,811,881	386,629,649	550,143,318	636,820,185	744,183,241	777,458,702	739,776,620	665,268,964	677,123,742	596,981,436	483,022,116	425,770,788
2016												
2015												
2014												

TABLE 7.2

IMPORTED WATER (Monthly)(Gallons (US))												
Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020												
2019												
2018												
2017												
2016												
2015												
2014												

TABLE 7.3

EXPORTED WATER (Monthly) (Gallons (US))												
Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020												
2019												
2018												
2017												
2016												
2015												
2014												

TABLE 7.4

Formula = Total Water Diverted + Imported water - Exported Water

TOTAL WATER SUPPLY (Monthly) (Gallons (US))												
Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020	417,989,500	387,409,800	420,521,700	551,797,900	716,275,300	783,908,900	806,041,700	797,777,800	681,383,200	626,298,700	471,232,200	425,906,400
2019	419,087,800	395,688,400	513,227,844	606,108,300	690,321,800	711,021,100	775,682,700	758,703,500	670,205,400	590,771,100	447,740,000	411,764,400
2018	435,118,368	415,602,696	545,232,800	645,052,396	784,639,104	816,805,210	772,146,320	775,559,800	668,306,120	554,486,400	450,537,400	419,979,000
2017	406,811,881	386,629,649	550,143,318	636,820,185	744,183,241	777,458,702	739,776,620	665,268,964	677,123,742	596,981,436	483,022,116	425,770,788
2016	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0

Table 7.5

SYSTEM TOTAL GPCD (Monthly)												
Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2020	121	124	121	165	207	234	233	230	203	181	141	123
2019	123	128	150	183	202	215	227	222	203	173	135	120
2018	129	136	162	198	233	250	229	230	205	164	138	125
2017	119	125	160	192	217	234	216	194	204	174	146	124
2016	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
2015	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data
2014	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data	No Data

**COMMENTS:**

U.S Census estimates 2018 City population was 102,926; there are 2283 OCL accounts and 170 households served by San Pablo MDWUA. Using the Census estimate of household size, these households add an estimated 7286 persons served by the water system for a total population of 110,212. This represents a difference of 1.4 percent. Diversions include 60.238 MG in 2018 and 48.26 MG in 2019 used for Well start up purposes. Since this is an estimated amount, it will be included in Unmetered Unbilled use in Audit.

### ANNUAL DATA

TABLE 7.6

ANNUAL TOTAL DIVERTED

TABLE 7.7

ANNUAL TOTAL DIVERTED CALC
7,086,543,100
6,990,322,344
7,283,465,614
7,089,990,642
N/A
N/A
N/A

TABLE 7.8

ANNUAL TOTAL IMPORTED

TABLE 7.9

ANNUAL TOTAL IMPORT CALC
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

TABLE 7.10

ANNUAL TOTAL EXPORTED

TABLE 7.11

ANNUAL TOTAL EXPORT CALC
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

TABLE 7.12

ANNUAL TOTAL WATER SUPPLY
7,086,543,100
6,990,322,344
7,283,465,614
7,089,990,642
0
0
0

TABLE 7.13

TOTAL POP. EST.
111,746
110,319
108,753
110,596
N/A
N/A
N/A

TABLE 7.14

Year	SYSTEM TOTAL GPCD
2020	173.74
2019	173.60
2018	183.49
2017	175.64
2016	NA
2015	NA
2014	NA

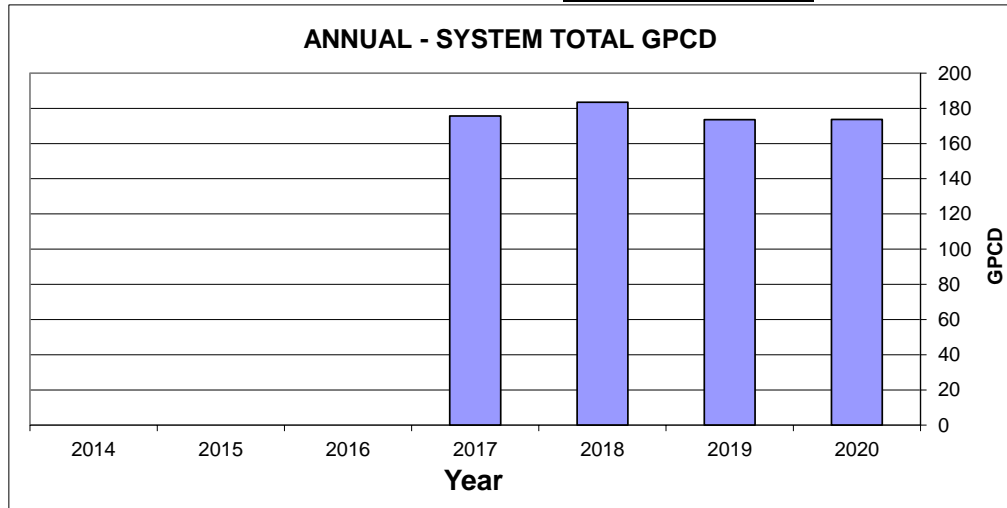
## 8. SUMMARY GPCD REPORTED DATA

Las Cruces Utilities

ANNUAL

2020 To: 2014

Year	SYSTEM GPCD
2020	173.74
2019	173.60
2018	183.49
2017	175.64
2016	NA
2015	NA
2014	NA

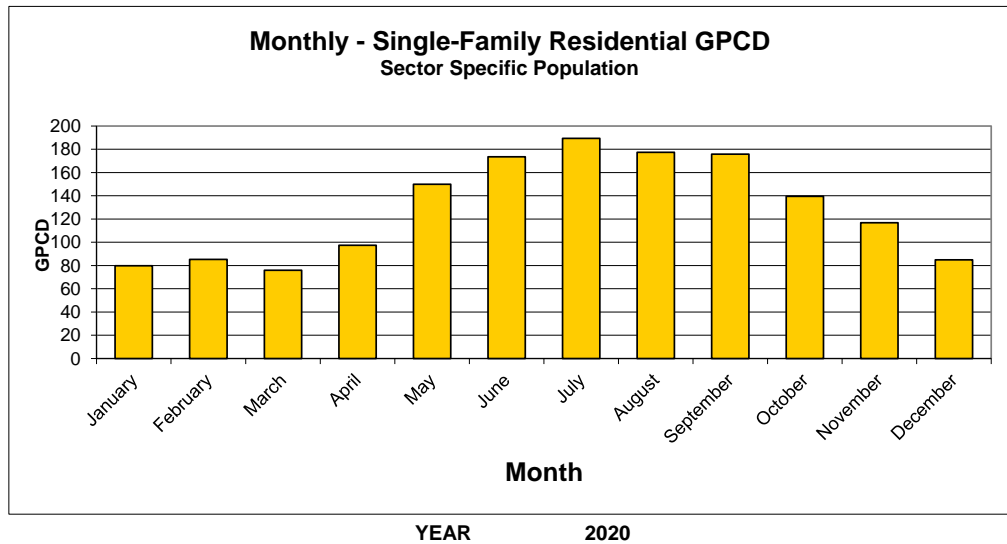


MONTHLY

Month	SFR GPCD
January	79.89
February	85.26
March	75.85
April	97.46
May	149.90
June	173.56
July	189.40
August	177.37
September	175.89
October	139.52
November	116.83
December	84.86

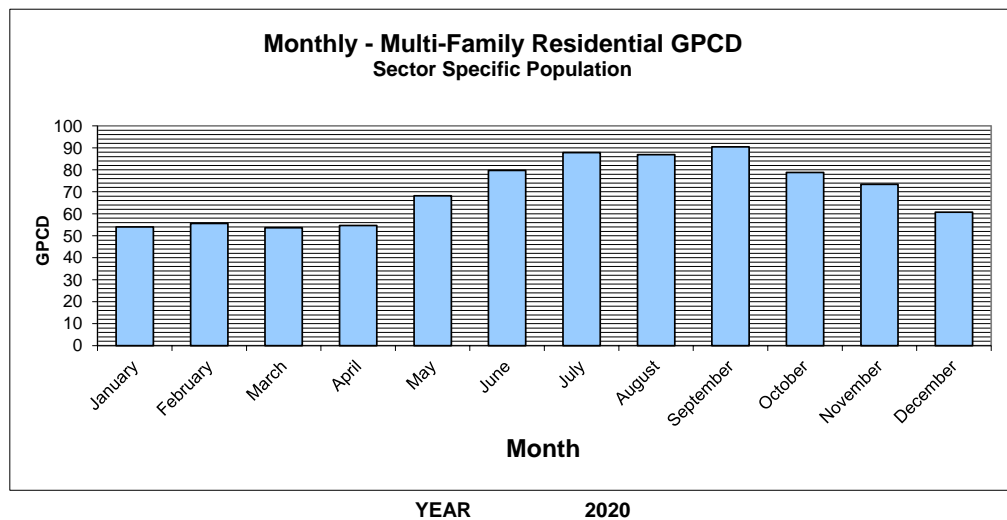
Year 2020

Peak/Ave 1.47



Month	MFR GPCD
January	54.02
February	55.58
March	53.61
April	54.68
May	68.21
June	79.72
July	87.86
August	86.88
September	90.43
October	78.82
November	73.36
December	60.76

Peak/Ave 1.29



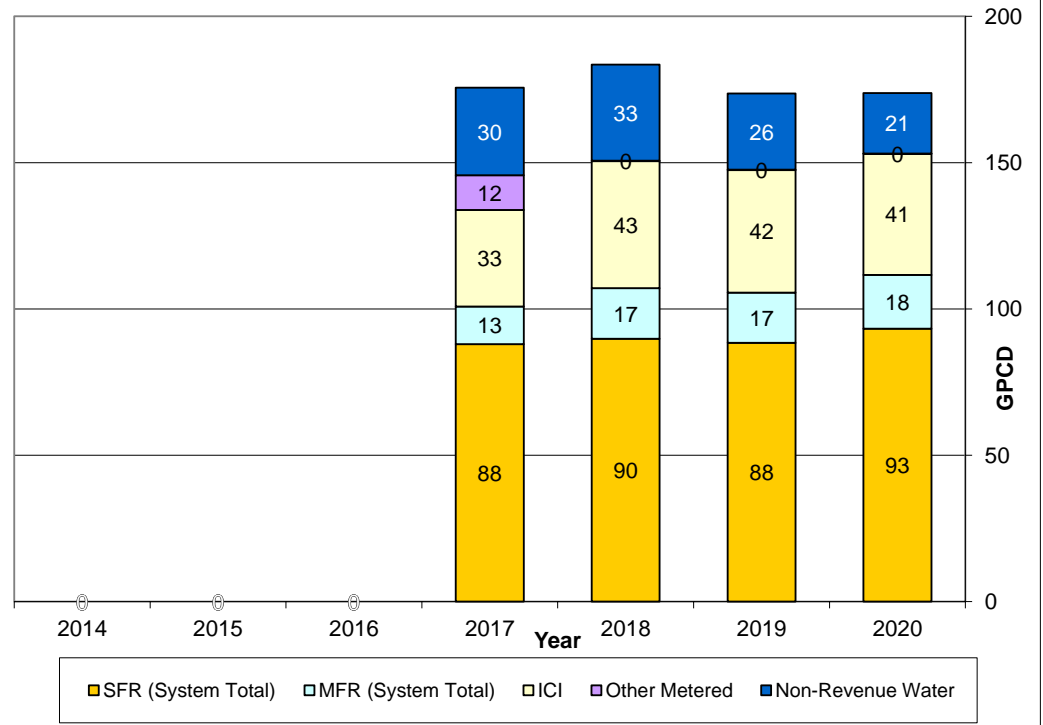
## 9. System Total Annual Reporting Performance

Overall Annual GPCD (based on Total Population)

	SFR (System Total)	MFR (System Total)	ICI	Other Metered	Non-Revenue Water	Total Supplied	Non-Revenue Volume Million Gallons (US)
Year							
On Graph?	Yes	Yes	Yes	Yes	Yes		
2020	93.28	18.37	41.35	0.11	20.63	176.37	841.62
2019	88.43	17.15	41.89	0.13	26.01	175.06	1,047.24
2018	89.79	17.34	43.36	0.19	32.80	186.24	1,302.01
2017	87.94	12.86	33.03	11.82	29.99	178.48	1,210.46
2016	N/A	N/A	N/A	N/A	#####	#VALUE!	-
2015	N/A	N/A	N/A	N/A	#####	#VALUE!	-
2014	N/A	N/A	N/A	N/A	#####	#VALUE!	-

Las Cruces Utilities		
2020	to	2014

### Annual Analysis of GPCD - Viewer (based on Total Population)



### 10. Monthly Reporting Performance

Choose Year for Monthly Analysis

2020

Choose Sector

Single-Family Residential

Monthly GPCD

	Single-Family Residential	Multi-Family Residential	ICI	Other Metered	Non-Revenue
Month	GPCD	GPCD	GPCD	GPCD	GPCD
JAN	79.89	54.02	28.28	0.07	20.98
FEB	85.26	55.58	29.45	0.12	18.46
MAR	75.85	53.61	27.43	0.03	25.36
APR	97.46	54.68	26.70	0.12	53.38
MAY	149.90	68.21	37.48	0.09	43.42
JUN	173.56	79.72	51.10	0.08	36.58
JUL	189.40	87.86	61.68	0.24	10.85
AUG	177.37	86.88	56.05	0.13	22.95
SEP	175.89	90.43	60.15	0.09	-8.11
OCT	139.52	78.82	48.88	0.10	9.99
NOV	116.83	73.36	41.41	0.10	-4.99
DEC	84.86	60.76	26.93	0.12	18.33

Las Cruces Utilities

2020 to 2014

### Monthly Analysis of GPCD - Viewer (based on sector-specific population)

