



Sewer Capacity Fee Study

CITY OF MANTECA
ADMINISTRATION CENTER

Sewer Capacity Fee

- Fee Study last updated in 2008
- Fee Calculation Methodology
 - Buy-In approach
 - ✓ Incremental Increase
 - Hybrid approach

Table 2-1 Expansion Related Capital Projects for the Sewer System

Component	Total CIP Costs	Component %
Flow	\$71,223,122	30.8%
TSS	\$54,368,966	23.5%
BOD	\$54,368,966	23.5%
Nitrogen	\$51,516,937	22.2%
Total	\$231,477,991	100.0%



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Table 2-7 Incremental Method Calculation of System Capacity Charge per EDU

Functional Component	Flow	TSS	BOD	Nitrogen
Expansion Capital Costs (1)	\$71,223,122	\$54,368,966	\$54,368,966	\$51,516,937
System Capacity (EDUs) (2)	33,487	33,487	33,487	33,487
EDU Cost of Capacity* (3) = (1)/(2)	\$2,127	\$1,623	\$1,623	\$1,538
Estimated Level of Service Per EDU (gpd or lbs/day)	195	0.5041	0.5285	0.0699
Unit Cost of Capacity per gallons or pound*	\$10.91	\$3,220.40	\$3,071.77	\$21,998.97



Residential Sewer Capacity Fee

Residential Type	Fee Application	GPD	Calculated Fee Schedule
Single Family	Per Unit	195	\$6,911
Multi Family	Per Unit	137	\$4,856
Mobile Home	Per Unit	121	\$4,289



Commercial Low-Strength Sewer Capacity Fee

Meter Size	GPD	TSS (lb)	BOD (lb)	Nitrogen (lb)	Total*
Unit Cost	\$10.91	\$3,220.40	\$3,071.77	\$21,998.97	
5/8" x 3/4"	\$2,126.88	\$704.81	\$817.02	\$868.32	\$4,517
1"	\$3,544.80	\$1,174.68	\$1,361.71	\$1,447.20	\$7,528
1.5"	\$7,089.59	\$2,349.36	\$2,723.41	\$2,894.40	\$15,057
2"	\$11,343.35	\$3,758.97	\$4,357.46	\$4,631.04	\$24,091
3"	\$24,813.57	\$8,222.75	\$9,531.94	\$10,130.41	\$52,699
4"	\$44,664.42	\$14,800.95	\$17,157.50	\$18,234.74	\$94,858
6"	\$113,433.46	\$37,589.72	\$43,574.59	\$46,310.45	\$240,908
8"	\$198,508.55	\$65,782.01	\$76,255.54	\$81,043.28	\$421,589

*Depreciation of the installed capacity is the table above multiplied for eight different depreciation rates to calculate the total cost.



Commercial Medium-Strength Sewer Capacity Fee

Meter Size	GPD	TSS (lb)	BOD (lb)	Nitrogen (lb)	Total*
Unit Cost	\$10.91	\$3,220.40	\$3,071.77	\$21,998.97	
5/8" x 3/4"	\$2,126.88	\$1,125.30	\$1,278.71	\$834.23	\$5,365
1"	\$3,544.80	\$1,875.50	\$2,131.19	\$1,390.39	\$8,942
1.5"	\$7,089.59	\$3,751.00	\$4,262.38	\$2,780.78	\$17,884
2"	\$11,343.35	\$6,001.61	\$6,819.80	\$4,449.25	\$28,614
3"	\$24,813.57	\$13,128.51	\$14,918.32	\$9,732.73	\$62,593
4"	\$44,664.42	\$23,631.32	\$26,852.98	\$17,518.91	\$112,668
6"	\$113,433.46	\$60,016.06	\$68,198.05	\$44,492.46	\$286,140
8"	\$198,508.55	\$105,028.11	\$119,346.58	\$77,861.81	\$500,745



Commercial High-Strength Sewer Capacity Fee

Meter Size	GPD	TSS (lb)	BOD (lb)	Nitrogen (lb)	Total*
Unit Cost	\$10.91	\$3,220.40	\$3,071.77	\$21,998.97	
5/8" x 3/4"	\$2,126.88	\$3,265.64	\$4,844.49	\$1,755.17	\$11,992
1"	\$3,544.80	\$5,442.73	\$8,074.15	\$2,925.29	\$19,987
1.5"	\$7,089.59	\$10,885.45	\$16,148.30	\$5,850.58	\$39,974
2"	\$11,343.35	\$17,416.72	\$25,837.28	\$9,360.93	\$63,958
3"	\$24,813.57	\$38,099.08	\$56,519.04	\$20,477.03	\$139,909
4"	\$44,664.42	\$68,578.35	\$101,734.27	\$36,858.65	\$251,836
6"	\$113,433.46	\$174,167.24	\$258,372.76	\$93,609.27	\$639,583
8"	\$198,508.55	\$304,792.68	\$452,152.32	\$163,816.23	\$1,119,270



Interim Residential New Connections

- Existing single family built prior to March 2024
- Must be within City Limits
- No prior sewer connection

Meter Size	Administration Fee
3/4"	\$500.00
1"	\$500.00





THANK YOU!

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