

Proposed Sewer Rate Increases Residential and Commercial Customers

Sewer Rates

(Residential Single Family, Multi-Family Units & Apartments individually metered for water)

	Current	6% Increase 11/26/19	3% Increase 10/01/20	2% Increase 10/01/21
Monthly Svc Fee Per Account:	\$11.09	\$11.76	\$12.11	\$12.35
Fixed Rate to Collect & Treat Per Dwelling Unit	\$40.15	\$42.56	\$43.84	\$44.72
Total Sewer Charges	\$51.24	\$54.32	\$55.95	\$57.07

Sewer Rates

(Residential Multi-Family Units, Apartments, Subdivisions not individually metered for water)

	Current	6% Increase 11/26/19	3% Increase 10/01/20	2% Increase 10/01/21
Monthly Svc Fee Per Account:	\$11.09	\$11.76	\$12.11	\$12.35
Fixed Rate to Collect & Treat Per Dwelling Unit	\$33.45	\$35.46	\$36.52	\$37.25
Total Sewer Charges	\$44.54	\$47.22	\$48.63	\$46.60

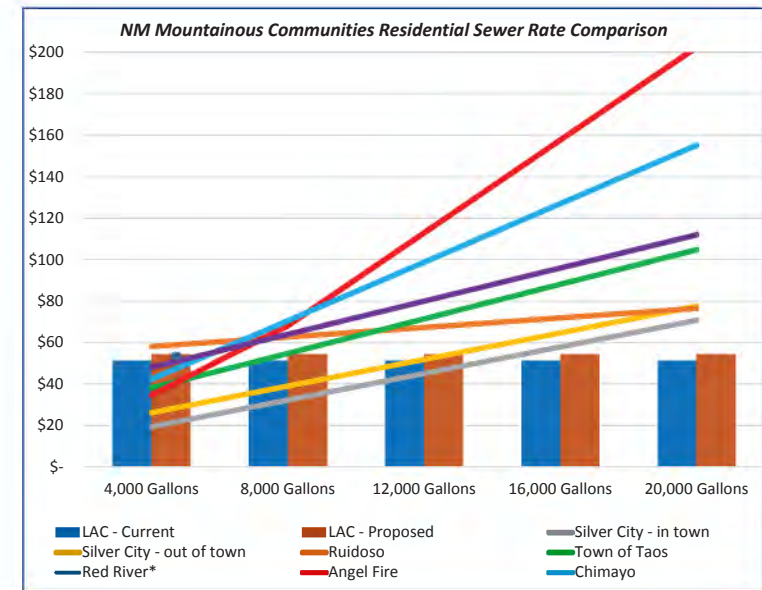
Sewer Rates

Commercial Customers Including County and Schools (Non-Residential)

	Current	6% Increase 11/26/19	3% Increase 10/01/20	2% Increase 10/01/21
Monthly Svc Fee Per Account:	\$11.09	\$11.76	\$12.11	\$12.35
Variable Rate to Collect & Treat/1000 gallons*	\$18.90	\$20.03	\$20.63	\$21.04

*Customers Adjusted monthly average of potable water use as metered during the previous winter measuring period. The minimum variable amount shall be 2000 gallons.

Sewer Rate Comparison With Other Communities



RESIDENTIAL SEWER RATES: LOS ALAMOS VS. COMPARABLE COMMUNITIES

Monthly Use Gallons	LAC Current	LAC Proposed	Silver Cty (In town)	Silver Cty (Out of town)	Ruidoso	Town of Taos	Red River*	Angel Fire	Chimayo	Aztec
4,000	\$51.24	\$54.32	\$9.34	\$26.10	\$58.04	\$38.02		\$34.59	\$42.26	\$47.95
6,000	\$51.24	\$54.32	\$25.76	\$32.52	\$60.34	\$46.36	\$47.99	\$34.59	\$56.38	\$55.95
8,000	\$51.24	\$54.32	\$32.18	\$38.94	\$62.64	\$54.70		\$68.16	\$70.50	\$63.95
12,000	\$51.24	\$54.32	\$45.02	\$51.78	\$67.24	\$71.38		\$112.92	\$98.74	\$79.95
14,000	\$51.24	\$54.32	\$51.44	\$58.20	\$69.54	\$79.72		\$135.30	\$112.86	\$87.95
16,000	\$51.24	\$54.32	\$57.86	\$64.62	\$71.84	\$88.06		\$157.68	\$126.98	\$95.95
20,000	\$51.24	\$54.32	\$70.70	\$77.46	\$76.44	\$104.74		\$202.44	\$155.22	\$111.95
30,000	\$51.24	\$54.32	\$102.80	\$109.56	\$87.94	\$146.44		\$314.34	\$225.82	\$151.95

* Available data for Red River is For Dec. 2015, 6,000 gallons only.

10-Year Financial Forecast

FY2020 through FY2029

Water Fund Cash Reserve Analysis

	BUDGET FY 2020	FORECAST FY 2021	FORECAST FY 2022	FORECAST FY 2023	FORECAST FY 2024	FORECAST FY 2025	FORECAST FY 2026	FORECAST FY 2027	FORECAST FY 2028	FORECAST FY 2029
DRINKING WATER (DW) AND WATER PRODUCTION (WP) UTILITIES CASH RESERVES										
Combined Cash Balance DW & WP	1,811,656	3,354,835	3,734,691	5,088,616	5,799,906	5,878,008	6,322,684	6,695,559	7,003,055	6,695,845
Recommended Cash Balance (DW)	1,748,985	1,617,567	1,638,644	1,660,006	1,681,656	1,703,598	1,725,836	1,748,375	1,771,219	1,794,371
Recommended Cash Balance (WP)	4,273,876	4,375,473	4,478,477	4,822,161	4,924,019	4,912,436	4,845,637	4,949,583	5,047,437	5,106,562
Total Recommended Cash Balance	6,022,861	5,993,040	6,117,121	6,482,167	6,605,675	6,616,034	6,571,473	6,697,958	6,818,655	6,900,933
TARGET RESERVE BALANCES										
Debt Service Reserve	258,373	306,914	356,139	645,312	691,916	624,327	500,759	547,161	586,686	586,687
Operations Reserve	2,898,914	2,787,899	2,829,717	2,872,163	2,915,246	2,958,974	3,003,359	3,048,409	3,094,135	3,140,547
Capital Expenditures Reserve	2,092,905	2,113,968	2,135,242	2,156,729	2,178,430	2,200,349	2,222,487	2,244,846	2,267,428	2,290,237
Contingency Reserve	772,669	784,259	796,023	807,963	820,082	832,384	844,869	857,542	870,406	883,462
Total Reserve Balance	6,022,861	5,993,040	6,117,121	6,482,167	6,605,675	6,616,034	6,571,473	6,697,958	6,818,655	6,900,933
RESERVE BALANCE FORECAST										
Debt Service Reserve	258,373	306,914	356,139	645,312	691,916	624,327	500,759	547,161	586,686	586,687
Operations Reserve	1,553,282	2,787,899	2,829,717	2,872,163	2,915,246	2,958,974	3,003,359	3,048,409	3,094,135	3,140,547
Capital Expenditures Reserve	-	260,023	548,834	1,571,141	2,178,430	2,200,349	2,222,487	2,244,846	2,267,428	2,290,237
Contingency Reserve	-	-	-	-	14,313	94,358	596,080	855,143	870,406	678,374
Total Cash Remaining	-	-	-	-	-	-	-	-	184,399	-

Wastewater (Sewer) Fund Cash Reserve Analysis

	BUDGET FY 2020	FORECAST FY 2021	FORECAST FY 2022	FORECAST FY 2023	FORECAST FY 2024	FORECAST FY 2025	FORECAST FY 2026	FORECAST FY 2027	FORECAST FY 2028	FORECAST FY 2029
WASTEWATER (SEWER) UTILITY CASH RESERVES										
Cash Balance	3,438,238	3,992,641	4,671,759	5,122,560	4,829,031	5,066,563	4,661,425	4,517,482	4,615,838	5,141,497
Total Recommended Cash Balance	3,829,695	4,816,653	4,860,089	4,904,132	4,948,792	4,900,292	4,852,425	4,898,984	4,942,855	4,990,729
TARGET RESERVE BALANCES										
Debt Service Reserve	698,314	1,625,124	1,625,123	1,625,123	1,625,124	1,531,339	1,437,555	1,437,554	1,434,213	1,434,214
Operations Reserve	1,909,583	1,938,226	1,967,300	1,996,809	2,026,761	2,057,163	2,088,020	2,119,341	2,151,131	2,183,398
Capital Expenditures Reserve	861,219	887,315	896,188	905,150	914,202	923,344	932,577	941,903	951,322	960,835
Contingency Reserve	360,579	365,987	371,477	377,049	382,705	388,446	394,272	400,186	406,189	412,282
Total Reserve Balance	3,829,695	4,816,653	4,860,089	4,904,132	4,948,792	4,900,292	4,852,425	4,898,984	4,942,855	4,990,729
RESERVE BALANCE FORECAST										
Debt Service Reserve	698,314	1,625,124	1,625,123	1,625,123	1,625,124	1,531,339	1,437,555	1,437,554	1,434,213	1,434,214
Operations Reserve	1,909,583	1,938,226	1,967,300	1,996,809	2,026,761	2,057,163	2,088,020	2,119,341	2,151,131	2,183,398
Capital Expenditures Reserve	830,341	429,291	896,188	905,150	914,202	923,344	932,577	941,903	951,322	960,835
Contingency Reserve	-	-	183,148	377,049	262,944	388,446	203,273	18,684	79,172	412,282
Total Cash Remaining	-	-	-	218,428	-	166,272	-	-	-	150,768

WASTEWATER



Arroyo Lane Lift Station Refurbished in 2011 (Left Before & Right After)



Antiquated Wastewater Treatment Plant Pumps



Vulnerable Sewer Drop Replaced 2007



Above Ground and Inaccessible Sewer in Canyon



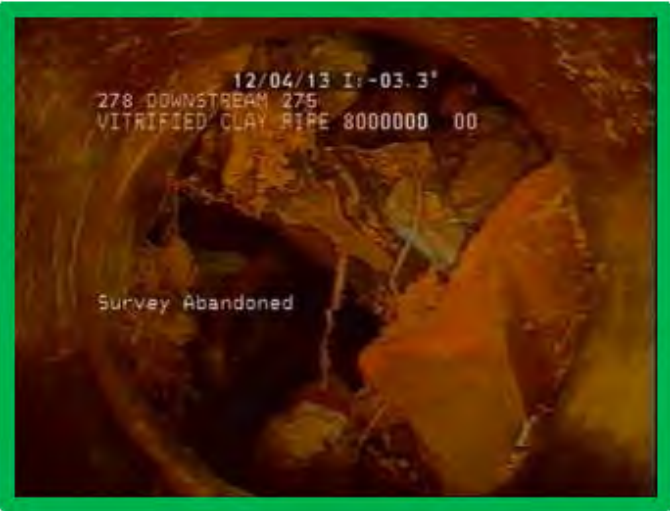
Crews Working with Vector



Brick Sewer Manhole



Sewer Video of Root Blockage



Sewer Video of Collapse Clay Sewer Pipe



Root Ball Removed From Sewer Main

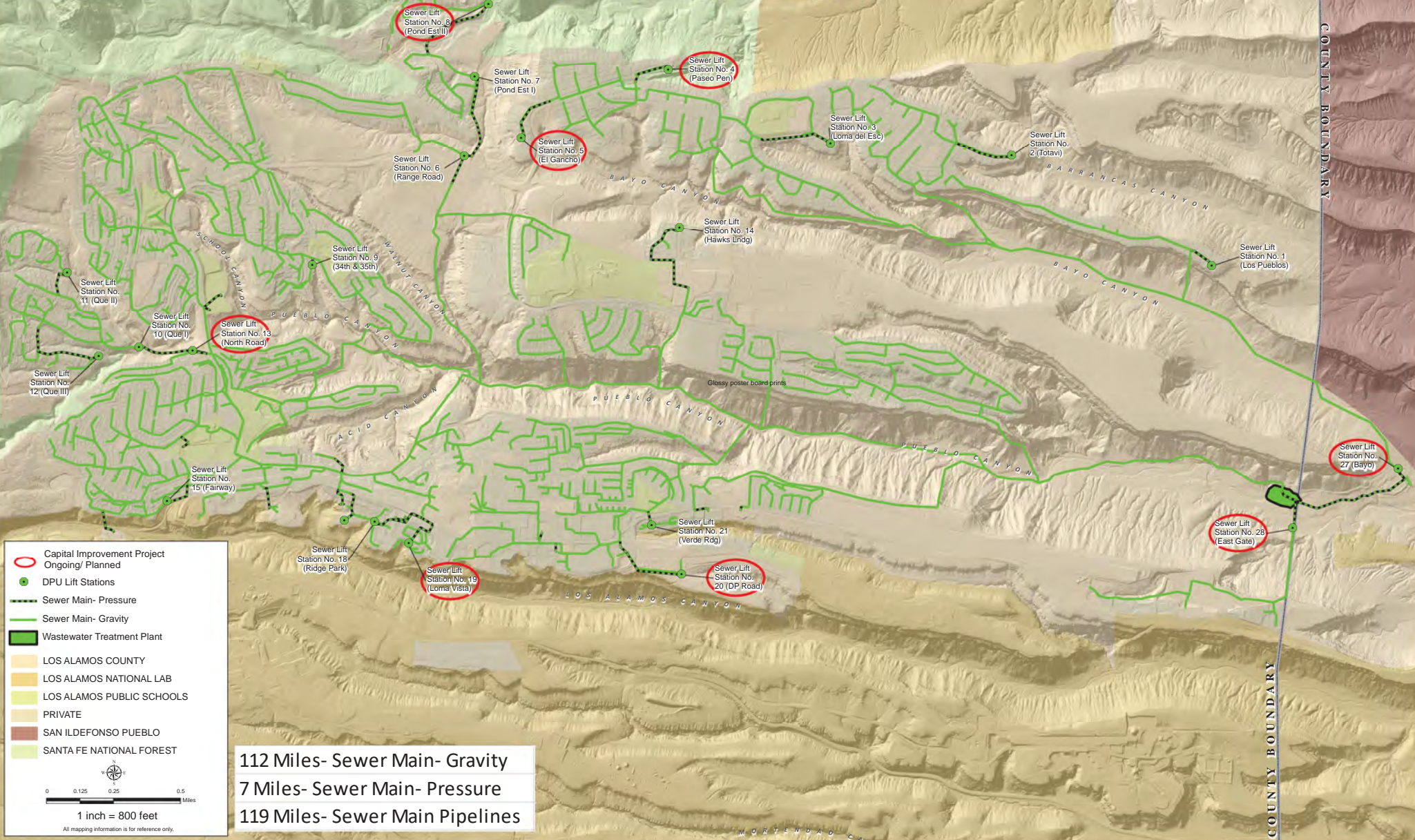


Inaccessible Sewer Drops

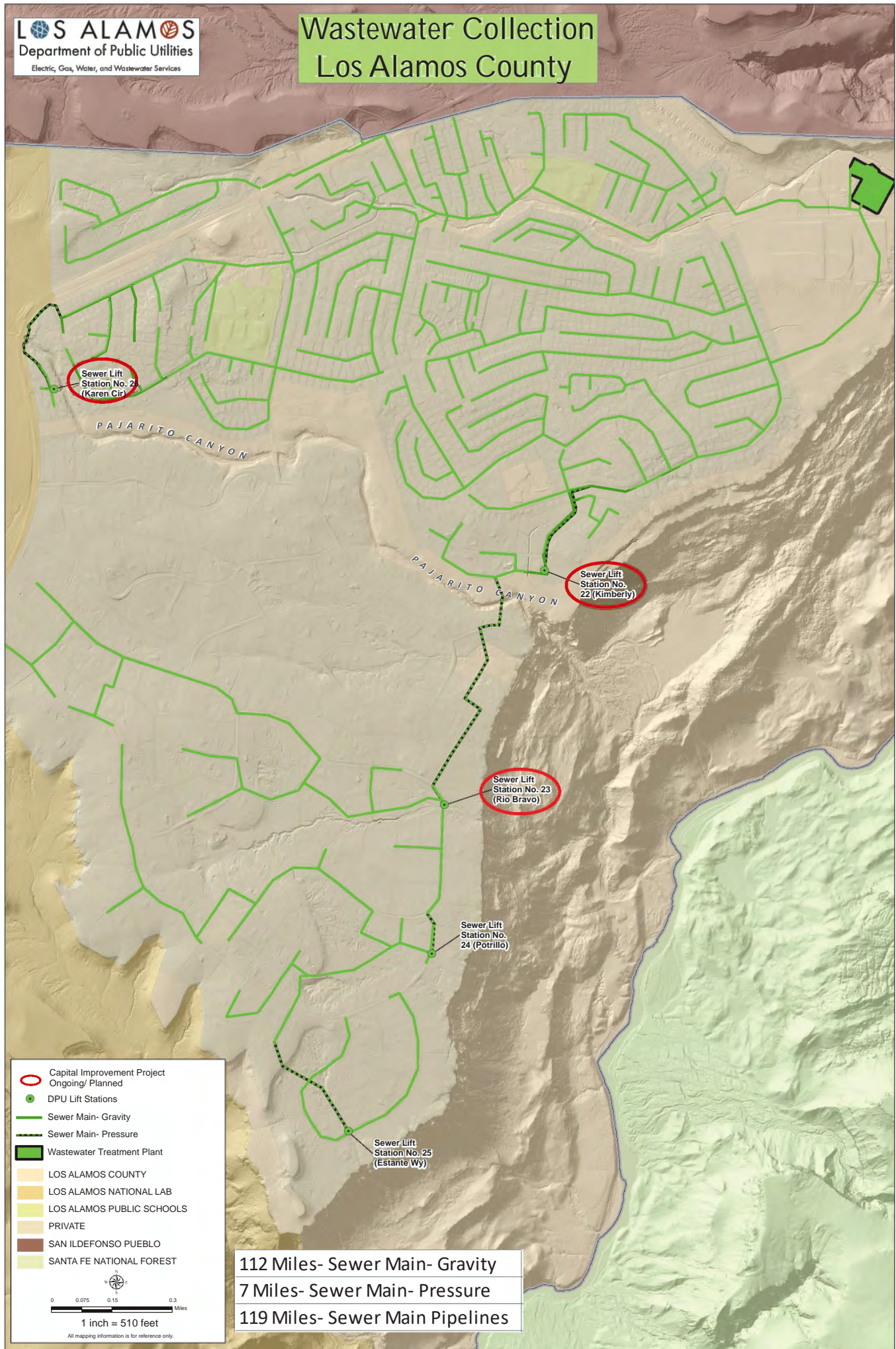


Rio Bravo Lift Station Control Panel (Left Before and Right After)

Wastewater Collection Los Alamos County



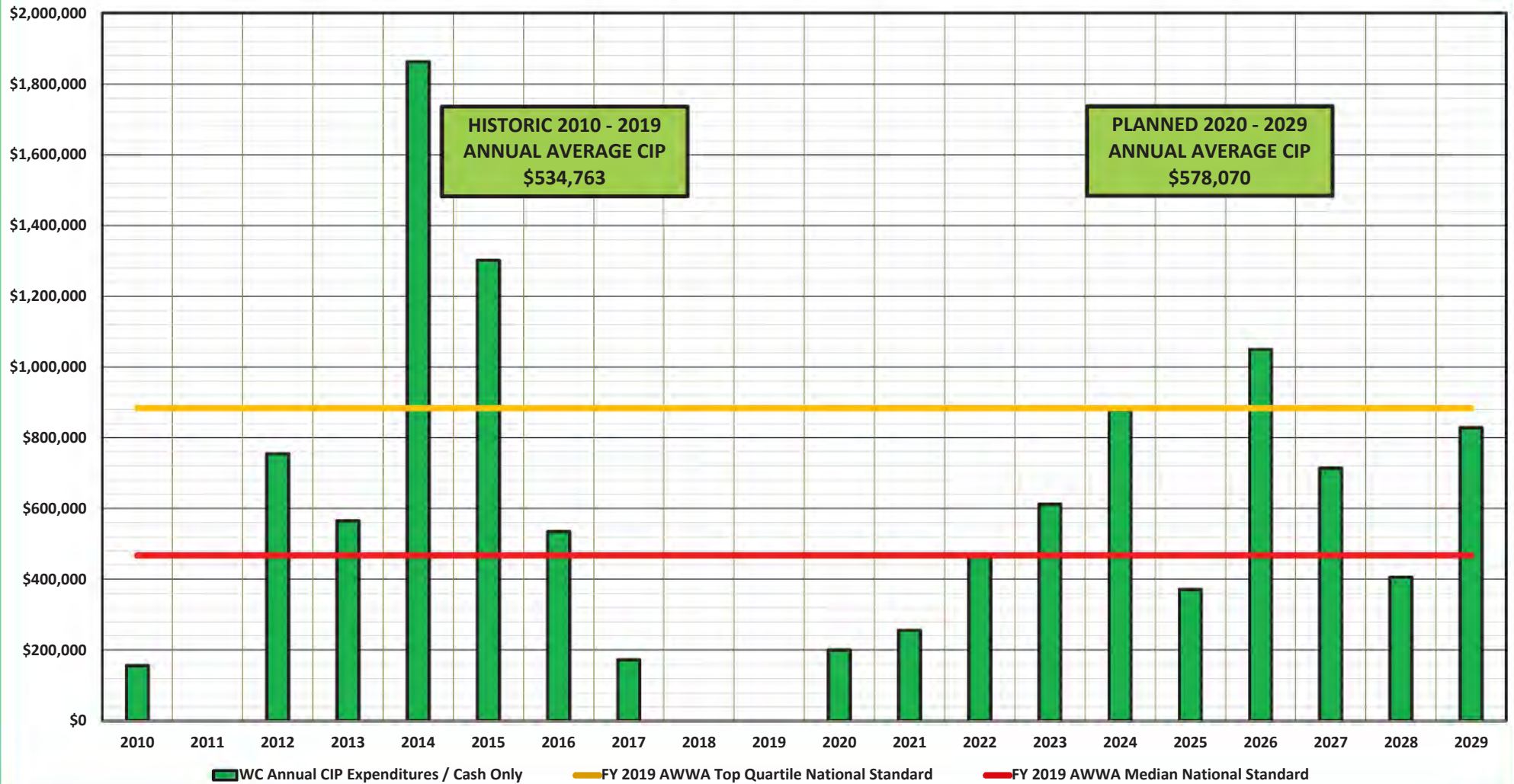
Wastewater Collection Los Alamos County



112 Miles- Sewer Main- Gravity
 7 Miles- Sewer Main- Pressure
 119 Miles- Sewer Main Pipelines

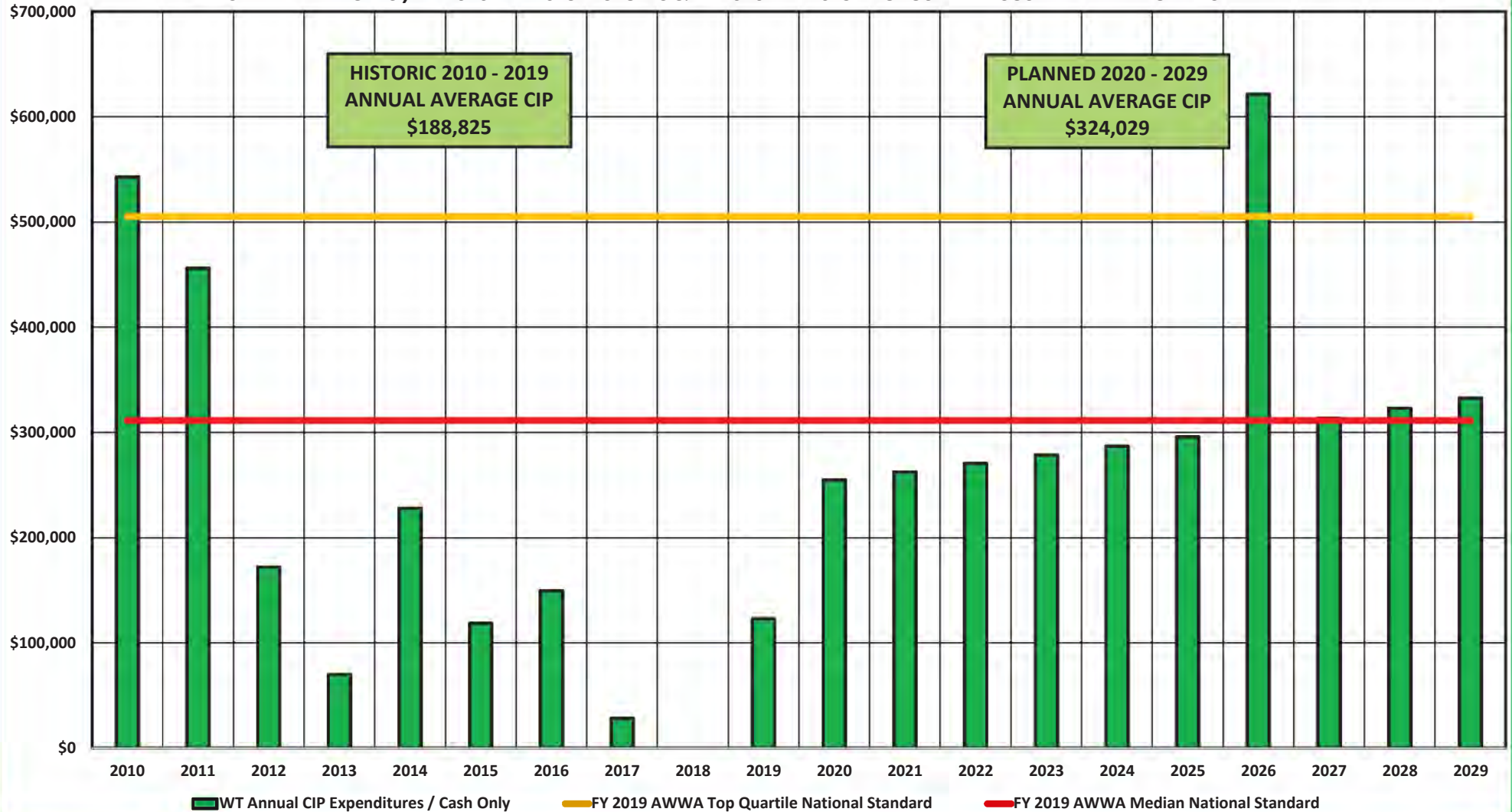
WASTEWATER COLLECTION

WC CIP EXPENDITURES / FY 2010 - FY 2019 HISTORIC & FY 2020 - FY 2029 PROPOSED VERSUS AWWA NATIONAL STANDARD



WASTEWATER TREATMENT

WT CIP EXPENDITURES / FY 2010 - FY 2019 HISTORIC & FY 2020 - FY 2029 PROPOSED VERSUS AWWA NATIONAL STANDARD



WASTEWATER TREATMENT

WT CIP EXPENDITURES INCLUDING LOAN PAYMENTS FOR WASTEWATER TREATMENT PLANTS

