

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022-FY2031
Electric Distribution

	1.50%	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
Expenditure Forecast											
Supervision, Misc Direct Admin		761,575	772,998	784,593	796,362	808,308	820,432	832,739	845,230	857,908	870,777
Substation Maintenance		67,874	68,892	69,925	70,974	72,039	73,119	74,216	75,329	76,459	77,606
Switching Station Maintenance		102,553	104,091	105,652	107,237	108,846	110,479	112,136	113,818	115,525	117,258
Overhead Maintenance		566,638	575,137	583,764	592,521	601,409	610,430	619,586	628,880	638,313	647,888
Underground Maintenance		490,601	497,960	505,430	513,011	520,706	528,517	536,445	544,492	552,659	560,949
Meter Maintenance		91,283	92,652	94,042	95,453	96,885	98,338	99,813	101,310	102,830	104,372
Operating encumbrances rolled forward											
Interdepartmental Charges		916,694	930,444	944,401	958,567	972,946	987,540	1,002,353	1,017,388	1,032,649	1,048,139
Administrative Division Allocation		848,600	861,329	874,249	887,363	900,673	914,183	927,896	941,814	955,942	970,281
In Lieu Taxes		543,256	403,584	411,010	416,241	419,253	422,296	425,369	428,472	431,607	431,607
Debt Service		1,133,909	982,377	984,776	1,015,816	1,178,311	1,161,970	1,155,371	1,135,784	1,126,313	633,935
Cost of Power		7,284,624	6,634,008	6,068,104	6,164,207	6,128,697	6,325,335	6,562,981	6,612,206	6,582,757	6,678,328
Total Operations Expenses		12,807,607	11,923,474	11,425,948	11,617,752	11,808,072	12,052,638	12,348,904	12,444,724	12,472,963	12,141,140
Capital		750,000	700,000	1,400,000	6,100,000	1,100,000	1,300,000	1,100,000	1,100,000	1,100,000	5,100,000
Capital Paid with Debt/Grants/Reimb		-	-	-	-	-	-	-	-	-	4,000,000
Total Expenses		13,557,607	12,623,474	12,825,948	17,717,752	12,908,072	13,352,638	13,448,904	13,544,724	13,572,963	13,241,140
Profit Transfer		594,979	620,455	636,422	647,668	654,144	660,686	667,293	673,966	680,705	680,705
Total Cash Requirements		14,152,586	13,243,928	13,462,370	18,365,420	13,562,216	14,013,324	14,116,197	14,218,689	14,253,668	13,921,845
Revenue Forecast											
KWh Sales		118,014,816	123,067,844	126,234,963	128,465,592	129,750,248	131,047,751	132,358,228	133,681,810	135,018,629	135,018,629
Revenue per KWh		\$0.1172	\$0.1172	\$0.1172	\$0.1172	\$0.1172	\$0.1172	\$0.1172	\$0.1172	\$0.1172	\$0.1172
Rate Increase Percentage											
Total Sales Revenue		13,836,731	14,429,176	14,800,507	15,062,039	15,212,660	15,364,786	15,518,434	15,673,618	15,830,355	15,830,355
Bond Federal Subsidy		67,942	67,942	66,045	64,099	58,759	47,731	47,731	47,732	47,733	47,734
Interest on Utility Reserves		84,625	17,521	55,741	98,692	26,630	76,478	119,822	165,520	213,677	266,082
Pole Rentals		53,601	53,601	53,601	53,601	53,601	53,601	53,601	53,601	53,601	53,601
Misc. Service Revenues		54,500	54,500	54,500	54,500	54,500	54,500	54,500	54,500	54,500	54,500
Revenue on Recoverable Work		150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000
Total Cash Inflow		14,247,399	14,772,740	15,180,395	15,482,931	15,556,149	15,747,096	15,944,088	16,144,971	16,349,865	16,402,271
R&R and Cash Flows											
Net Cash Flow		94,812	1,528,812	1,718,025	(2,882,488)	1,993,933	1,733,772	1,827,892	1,926,281	2,096,197	2,480,426
Cumulative Net Cash Flow		94,812	1,623,625	3,341,650	459,162	2,453,094	4,186,866	6,014,758	7,941,039	10,037,236	12,517,662
Cash Balance		700,837	2,229,650	3,947,674	1,065,186	3,059,119	4,792,891	6,620,783	8,547,064	10,643,261	13,123,687
Recommended Cash Balance		12,599,785	14,337,495	12,858,614	13,121,837	13,177,292	14,773,447	17,092,695	16,241,749	19,316,723	16,321,997

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022-FY2031
Electric Production

	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
Total Cash Requirements	41,425,940	47,619,375	40,167,576	40,579,511	40,653,348	46,865,840	56,810,402	53,119,239	53,282,111	53,429,819
Net Change in Retirement Reserve Balances	(90,737)	70,977	140,848	(292,636)	(321,053)	(342,790)	(310,397)	28,167	165,803	12,849
	1.50%									
	1.01%									
Revenue Forecast										
Mwh Sales - LANL	528,331	646,172	573,688	580,246	587,495	712,569	904,888	816,503	843,605	828,415
Mwh Sales - LAC Distribution	118,015	123,068	126,235	128,466	129,750	131,048	132,358	133,682	135,019	135,019
Total Mwh Sales	646,346	769,240	699,923	708,711	717,246	843,616	1,037,247	950,185	978,624	963,433
Revenue per Mwh	\$52.88	\$48.91	\$41.54	\$42.67	\$43.43	\$45.11	\$45.31	\$45.44	\$46.28	\$47.01
DOE Revenues	26,893,902	33,956,225	26,924,278	27,171,862	27,078,630	33,022,304	42,521,988	38,679,521	38,708,969	38,874,172
Economy Sales	7,083,430	6,865,158	7,014,327	7,085,774	7,291,941	7,368,641	7,575,872	7,677,952	7,840,824	7,988,531
Interest on Reserves	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,000	130,001
Bond Federal Subsidy	33,984	33,984	30,867	27,669	24,080	19,561	19,561	19,561	19,561	19,561
Transfer from Distribution Fund	7,284,624	6,634,008	6,068,104	6,164,207	6,128,697	6,325,335	6,562,981	6,612,206	6,582,757	6,417,554
Total Cash Inflow	41,425,940	47,619,375	40,167,576	40,579,511	40,653,348	46,865,840	56,810,402	53,119,239	53,282,111	53,429,819
Net Cash Flow	90,737	(70,977)	(140,848)	292,636	321,053	342,790	310,397	(28,167)	(165,803)	(12,849)
Cumulative Net Cash Flow	90,737	19,760	(121,088)	171,548	492,601	835,390	1,145,787	1,117,621	951,818	938,969
Cash Balance	10,353,349	10,282,371	10,141,524	10,434,159	10,755,212	11,098,002	11,408,399	11,380,233	11,214,429	11,201,580
Recommended Cash Balance	18,838,311	18,826,643	18,665,252	18,543,734	18,331,704	18,105,016	18,382,227	18,485,731	18,834,492	19,316,724
Reserves										
Retirement/Reclamation Reserve	10,162,581	9,919,257	9,655,864	9,401,546	9,118,462	8,814,322	8,541,507	8,606,708	8,962,375	9,336,671
Identified items on site	318,409	323,185	328,033	332,953	337,948	343,017	348,162	353,385	358,685	364,066
San Juan Decommissioning	5,463,420	5,651,820	5,840,220	6,028,620	6,217,020	6,405,420	6,593,820	6,782,220	7,121,331	7,477,398
Laramie River Decommissioning	877,980	916,980	955,980	994,980	1,033,980	1,072,980	1,111,980	1,150,980	1,189,980	1,228,980
San Juan Mine Reclamation	3,502,772	3,027,272	2,531,631	2,044,992	1,529,514	992,905	487,545	320,124	292,379	266,228

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Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022-FY2031
Gas Distribution

1.50%	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
Expenditure Forecast										
Supervision, Misc Direct Admin	395,998	401,938	407,967	414,086	420,297	426,602	433,001	439,496	446,088	452,780
Customer Service	30,739	31,201	31,669	32,144	32,626	33,115	33,612	34,116	34,628	35,147
Gas Distribution	630,888	640,351	649,956	659,706	669,601	679,645	689,840	700,188	710,690	721,351
Gas Meters	121,955	123,784	125,641	127,525	129,438	131,380	133,350	135,351	137,381	139,442
Capital Support & Inspection	-	-	-	-	-	-	-	-	-	-
Interdepartmental Charges	359,642	365,037	370,512	376,070	381,711	387,437	393,248	399,147	405,134	411,211
Administrative Division Allocation	951,922	966,201	980,694	995,404	1,010,335	1,025,490	1,040,873	1,056,486	1,072,333	1,088,418
In Lieu Taxes	194,669	194,669	194,669	194,669	194,669	194,669	194,669	194,669	194,669	194,669
Cost of Gas	2,264,400	2,027,250	1,996,650	1,996,650	1,973,700	1,958,400	1,981,350	2,034,900	2,103,750	2,149,650
TOTAL Operations Expenses	4,950,212	4,750,429	4,757,757	4,796,254	4,812,378	4,836,738	4,899,943	4,994,352	5,104,673	5,192,667
Capital	885,000	250,000	-	307,000	317,000	326,000	336,000	345,000	355,000	365,000
Total Expenses	5,835,212	5,000,429	4,757,757	5,103,254	5,129,378	5,162,738	5,235,943	5,339,352	5,459,673	5,557,667
Profit Transfer	230,182	219,107	217,678	217,678	216,606	215,892	216,963	219,464	222,679	224,823
TOTAL Cash Requirements	6,065,394	5,219,536	4,975,435	5,320,932	5,345,984	5,378,629	5,452,906	5,558,816	5,682,353	5,782,490
<i>Total Cash Requirements less COG</i>	<i>3,800,994</i>	<i>3,192,286</i>	<i>2,978,785</i>	<i>3,324,282</i>	<i>3,372,284</i>	<i>3,420,229</i>	<i>3,471,556</i>	<i>3,523,916</i>	<i>3,578,603</i>	<i>3,632,840</i>
Revenue Forecast										
Therm Sales	7,650,000	7,650,000	7,650,000	7,650,000	7,650,000	7,650,000	7,650,000	7,650,000	7,650,000	7,650,000
Revenue per Therm	\$ 0.230	\$ 0.230	\$ 0.230	\$ 0.230	\$ 0.230	\$ 0.230	\$ 0.230	\$ 0.230	\$ 0.230	\$ 0.230
Rate Increase Percentage										
Cost of Gas Sales Revenue	2,264,400	2,027,250	1,996,650	1,996,650	1,973,700	1,958,400	1,981,350	2,034,900	2,103,750	2,149,650
Sales Rev from Fixed/Svc Chg	2,664,546	2,664,546	2,664,546	2,664,546	2,664,546	2,664,546	2,664,546	2,664,546	2,664,546	2,664,546
Total Sales Revenue	4,928,946	4,691,796	4,661,196	4,661,196	4,638,246	4,622,946	4,645,896	4,699,446	4,768,296	4,814,196
Interest on Utility Reserves	55,789	40,881	33,892	30,005	20,882	10,907	69	-	-	-
Revenue on Recoverable Work	20,605	20,914	21,227	21,546	21,869	22,197	22,530	22,868	23,211	23,559
TOTAL Cash Inflow	5,005,340	4,753,590	4,716,315	4,712,747	4,680,997	4,656,050	4,668,495	4,722,314	4,791,507	4,837,755
R&R and Cash Flows										
Net Cash Flow	(1,060,054)	(465,946)	(259,120)	(608,185)	(664,987)	(722,579)	(784,412)	(836,502)	(890,846)	(944,735)
Cummulative net cash flow	(1,060,054)	(1,526,000)	(1,785,120)	(2,393,305)	(3,058,292)	(3,780,871)	(4,565,283)	(5,401,785)	(6,292,631)	(7,237,366)
Cash Balance	2,725,395	2,259,450	2,000,330	1,392,145	727,158	4,579	(779,833)	(1,616,335)	(2,507,181)	(3,451,916)
Recommended Cash Balance	1,858,247	1,630,911	1,960,914	1,994,263	2,026,962	2,061,016	2,094,432	2,129,213	2,164,366	2,164,897

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022 through FY2031
Gas Cash Reserve Analysis

	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
GAS UTILITY CASH RESERVES										
Cash Balance	2,725,395	2,259,450	2,000,330	1,392,145	727,158	4,579	(779,833)	(1,616,335)	(2,507,181)	(3,451,916)
Recommended Cash Balance	1,858,247	1,630,911	1,960,914	1,994,263	2,026,962	2,061,016	2,094,432	2,129,213	2,164,366	2,164,897
TARGET RESERVE BALANCES										
Operations Reserve	1,342,906	1,361,590	1,380,554	1,399,802	1,419,339	1,439,169	1,459,296	1,479,726	1,500,462	1,521,509
Capital Expenditures Reserve	250,000	-	307,000	317,000	326,000	336,000	345,000	355,000	365,000	340,000
Contingency Reserve	265,341	269,321	273,361	277,461	281,623	285,847	290,135	294,487	298,905	303,388
Rate Stabilization Reserve*	-	-	-	-	-	-	-	-	-	-
	1,858,247	1,630,911	1,960,914	1,994,263	2,026,962	2,061,016	2,094,432	2,129,213	2,164,366	2,164,897
RESERVE BALANCE FORECAST										
Operations Reserve	1,342,906	1,361,590	1,380,554	1,392,145	727,158	4,579	-	-	-	-
Capital Expenditures Reserve	250,000	-	307,000	-	-	-	-	-	-	-
Contingency Reserve	265,341	269,321	273,361	-	-	-	-	-	-	-
Rate Stabilization Reserve*	-	-	-	-	-	-	-	-	-	-
Total Cash Remaining	867,148	628,539	39,415	-	-	-	(779,833)	(1,616,335)	(2,507,181)	(3,451,916)

* Assumes pass-through cost of gas rate remains in place.

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022-FY2031
Water Production

	1.50%	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
Expenditure Forecast											
Supervision and Operations		822,679	835,019	847,545	860,258	873,162	886,259	899,553	913,046	926,742	940,643
Pumping Power		550,000	558,250	566,624	575,123	583,750	592,506	601,394	610,415	619,571	628,864
Wells		217,339	220,599	223,908	227,267	230,676	234,136	237,648	241,213	244,831	248,504
Booster Pump Stations		180,646	183,355	186,106	188,897	191,731	194,607	197,526	200,489	203,496	206,549
Treatment		32,618	33,107	33,604	34,108	34,619	35,139	35,666	36,201	36,744	37,295
Storage Tanks		39,018	39,603	40,197	40,800	41,412	42,033	42,664	43,304	43,953	44,613
Transmission Lines		310,868	315,531	320,264	325,068	329,944	334,893	339,917	345,015	350,190	355,443
Capital Project Inspection & Support		-	-	-	-	-	-	-	-	-	-
Non Potable System		525,161	533,038	541,034	549,149	557,386	565,747	574,233	582,847	591,590	600,463
Ski Hill		5,035	5,110	5,187	5,265	5,344	5,424	5,505	5,588	5,672	5,757
Interdepartmental Charges		295,121	299,548	304,041	308,602	313,231	317,929	322,698	327,539	332,452	337,438
Administrative Division Allocation		895,646	909,081	922,717	936,558	950,606	964,865	979,338	994,028	1,008,939	1,024,073
State Water Tax		40,000	40,600	41,209	41,827	42,455	43,091	43,738	44,394	45,060	45,736
Debt Service		320,641	610,460	617,080	501,227	354,359	369,713	397,590	399,820	407,261	316,553
Capital		14,780,000	5,490,000	2,220,000	5,309,000	1,804,000	1,563,000	5,645,000	1,806,000	4,420,000	7,360,000
Capital Paid with Debt/Grants/Reimb		12,725,000	5,325,000	600,000	4,259,000	670,000	650,000	5,100,000	350,000	4,350,000	6,210,000
Capital Paid with Cash		2,055,000	165,000	1,620,000	1,050,000	1,134,000	913,000	545,000	1,456,000	70,000	1,150,000
Total Operations Expenses		4,234,772	4,583,302	4,649,515	4,594,149	4,508,675	4,586,343	4,677,469	4,743,897	4,816,500	4,791,930
Total Capital Expenditures		14,780,000	5,490,000	2,220,000	5,309,000	1,804,000	1,563,000	5,645,000	1,806,000	4,420,000	7,360,000
Less Capital Paid by WTB/Other		(12,725,000)	(5,325,000)	(600,000)	(4,259,000)	(670,000)	(650,000)	(5,100,000)	(350,000)	(4,350,000)	(6,210,000)
Total Cash Requirements		6,289,772	4,748,302	6,269,515	5,644,149	5,642,675	5,499,343	5,222,469	6,199,897	4,886,500	5,941,930
Revenue Forecast											
Non-potable											
Non-potable production in kgals		94,500	108,600	136,500	136,500	136,500	136,500	136,500	136,501	136,502	136,503
Revenue per kgal	\$	2.06	\$ 2.12	\$ 2.16	\$ 2.20	\$ 2.24	\$ 2.27	\$ 2.31	\$ 2.34	\$ 2.37	\$ 2.41
Non-potable rate per 1000 gallons	\$	3.03	\$ 3.12	\$ 3.18	\$ 3.24	\$ 3.29	\$ 3.34	\$ 3.39	\$ 3.44	\$ 3.49	\$ 3.54
Rate Increase Percentage		4.00%	3.00%	2.00%	1.75%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Non-potable sales revenue	\$	194,708	\$ 230,406	\$ 295,168	\$ 300,737	\$ 305,378	\$ 310,019	\$ 314,660	\$ 319,303	\$ 323,947	\$ 328,590

Los Alamos County Utilities Department
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Water Production

	1.50%	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
Potable											
Production in thousand gallons		1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000
Revenue per thousand gallons		\$ 4.13	\$ 4.25	\$ 4.34	\$ 4.42	\$ 4.49	\$ 4.56	\$ 4.63	\$ 4.70	\$ 4.77	\$ 4.84
Rate Increase Percentage		4.00%	3.00%	2.00%	1.75%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Potable sales revenue		\$ 4,749,500	\$ 4,887,500	\$ 4,991,000	\$ 5,083,000	\$ 5,163,500	\$ 5,244,000	\$ 5,324,500	\$ 5,405,000	\$ 5,485,500	\$ 5,566,000
Total Sales Revenue		\$ 4,944,208	\$ 5,117,906	\$ 5,286,168	\$ 5,383,737	\$ 5,468,878	\$ 5,554,019	\$ 5,639,160	\$ 5,724,303	\$ 5,809,447	\$ 5,894,590
Repayment & Interest on Inter-Utility Loans		187,569	187,569	187,569	93,784	-	-	-	-	-	-
Interest on Utility Reserves		128,935	88,984	99,090	88,960	88,019	86,889	89,140	96,825	91,209	106,454
Bond Federal Subsidy		27,576	27,576	21,338	14,940	10,459	8,496	6,472	4,371	2,224	2,225
Econ Dev Fund/Ski Hill Reimb											
Federal or State Grant/Loan											
Total Cash Inflow		5,288,288	5,422,035	5,594,164	5,581,420	5,567,355	5,649,404	5,734,771	5,825,498	5,902,879	6,003,269
R&R and Cash Flows											
Net Cash Flow		(1,001,483)	673,733	(675,351)	(62,728)	(75,319)	150,061	512,302	(374,399)	1,016,379	61,339
Cumulative Net Cash Flow		(1,001,483)	(327,750)	(1,003,101)	(1,065,830)	(1,141,149)	(991,088)	(478,786)	(853,184)	163,194	224,533
Cash Balance		5,932,277	6,606,011	5,930,660	5,867,931	5,792,612	5,942,673	6,454,975	6,080,576	7,096,955	7,158,294
Recommended Cash Balance		8,411,988	5,624,844	8,762,380	5,184,072	4,839,386	8,980,570	5,213,935	7,875,320	10,868,594	5,964,406

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022-FY2031
Water Distribution

1.50%	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
Expenditure Forecast										
Supervision, Misc Direct Admin	339,486	344,578	349,747	354,993	360,318	365,723	371,209	376,777	382,429	388,165
Hydrants	-	-	-	-	-	-	-	-	-	-
Water Distribution	508,985	516,619	524,369	532,234	540,218	548,321	556,546	564,894	573,367	581,968
Water Meters	457,266	464,125	471,086	478,153	485,325	492,605	499,994	507,494	515,106	522,833
Capital Project Inspections & Support	-	-	-	-	-	-	-	-	-	-
Interdepartmental Charges	281,102	285,319	289,598	293,942	298,351	302,827	307,369	311,980	316,659	321,409
Administrative Division Allocation	890,974	904,339	917,904	931,672	945,647	959,832	974,230	988,843	1,003,676	1,018,731
Cost of Water	3,200,750	3,293,750	3,363,500	3,425,500	3,479,750	3,534,000	3,588,250	3,642,500	3,696,750	3,751,000
Capital	1,230,000	450,000	-	553,000	515,000	535,000	550,000	537,000	553,000	570,000
Capital Paid with Other Financing	-	-	-	-	-	-	-	-	-	-
Capital Paid with Cash	1,230,000	450,000	-	553,000	515,000	535,000	550,000	537,000	553,000	570,000
Total Operation Expenses	5,678,562	5,808,729	5,916,204	6,016,495	6,109,610	6,203,307	6,297,597	6,392,487	6,487,987	6,584,106
Total Capital Expenditures	1,230,000	450,000	0	553,000	515,000	535,000	550,000	537,000	553,000	570,000
Total Expenditures	6,908,562	6,258,729	5,916,204	6,569,495	6,624,610	6,738,307	6,847,597	6,929,487	7,040,987	7,154,106
Revenue Forecast										
kgal Sales	775,000	775,000	775,000	775,000	775,000	775,000	775,000	775,000	775,000	775,000
Revenue per kgal	\$ 7.58	\$ 7.81	\$ 7.96	\$ 8.10	\$ 8.22	\$ 8.35	\$ 8.47	\$ 8.60	\$ 8.73	\$ 8.86
Rate Increase Percentage	4.00%	3.00%	2.00%	1.75%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Total Sales Revenue	5,874,855	6,051,100	6,172,122	6,280,135	6,374,337	6,469,952	6,567,001	6,665,506	6,765,488	6,866,971
Interest on Utility Reserves	-	-	-	-	-	-	-	-	-	-
Revenue on Recoverable Work	15,453	15,685	15,920	16,159	16,402	16,648	16,897	17,151	17,408	17,669
Misc Service Revenues	15,453	15,685	15,920	16,159	16,402	16,648	16,897	17,151	17,408	17,669
Total Cash Inflow from Operations	5,905,761	6,082,471	6,203,963	6,312,453	6,407,140	6,503,247	6,600,796	6,699,808	6,800,305	6,902,309
R&R and Cash Flows										
Net Cash Flow	(1,002,801)	(176,259)	287,759	(257,042)	(217,470)	(235,061)	(246,801)	(229,680)	(240,682)	(251,796)
Cumulative Net Cash Flow	(1,002,801)	(1,179,059)	(891,300)	(1,148,342)	(1,365,811)	(1,600,872)	(1,847,673)	(2,077,353)	(2,318,035)	(2,569,832)
Cash Balance	(4,101,423)	(4,277,681)	(3,989,922)	(4,246,964)	(4,464,433)	(4,699,494)	(4,946,295)	(5,175,975)	(5,416,657)	(5,668,454)
Recommended Cash Balance	1,688,906	1,257,490	1,829,352	1,810,497	1,849,930	1,884,654	1,891,674	1,927,994	1,965,619	2,091,553

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022-FY2031
Water Distribution

Rates										
Commodity rate per kgal										
Residential Tier 1 - < 9,000 gals	6.02	6.20	6.32	6.43	6.53	6.63	6.73	6.83	6.93	7.03
Residential Tier 2 - 9 to 15,000 gals	6.40	6.59	6.72	6.84	6.94	7.04	7.15	7.26	7.37	7.48
Residential Tier 3 - > 15,000 gals	7.65	7.88	8.04	8.18	8.30	8.42	8.55	8.68	8.81	8.94
Multi-Family Tier 1 - < 9,000 gals	6.02	6.20	6.32	6.43	6.53	6.63	6.73	6.83	6.93	7.03
Multi-Family Tier 2 - 9 to 15,000 gals	6.33	6.52	6.65	6.77	6.87	6.97	7.07	7.18	7.29	7.40
Multi-Family Tier 3 - > 15,000 gals	6.47	6.66	6.79	6.91	7.01	7.12	7.23	7.34	7.45	7.56
Commercial All Tiers	6.02	6.20	6.32	6.43	6.53	6.63	6.73	6.83	6.93	7.03
County & Schools All Tiers	6.02	6.20	6.32	6.43	6.53	6.63	6.73	6.83	6.93	7.03
Customer Charge per Meter Size										
= or < 1.25"	11.40	11.74	11.97	12.18	12.36	12.55	12.74	12.93	13.12	13.32
1.5"	36.10	37.18	37.92	38.58	39.16	39.75	40.35	40.96	41.57	42.19
2"	53.88	55.50	56.61	57.60	58.46	59.34	60.23	61.13	62.05	62.98
2.5" to 3"	106.33	109.52	111.71	113.66	115.36	117.09	118.85	120.63	122.44	124.28
4"	181.06	186.49	190.22	193.55	196.45	199.40	202.39	205.43	208.51	211.64
6"	382.23	393.70	401.57	408.60	414.73	420.95	427.26	433.67	440.18	446.78
8"	631.54	650.49	663.50	675.11	685.24	695.52	705.95	716.54	727.29	738.20

1,688,906	1,257,490	1,829,352	1,810,497	1,849,930	1,884,654	1,891,674
8,411,988	5,624,844	8,762,380	5,184,072	4,839,386	8,980,570	5,213,935
0,100,894	6,882,333	10,591,732	6,994,569	6,689,316	10,865,224	7,105,608
168,900	610,460	617,080	501,227	354,359	369,713	397,590
3,195,971	3,243,911	3,292,570	3,341,958	3,392,087	3,442,969	3,494,613
5,940,000	2,220,000	5,862,000	2,319,000	2,098,000	6,195,000	2,343,000
796,023	807,963	820,082	832,384	844,869	857,542	870,406
0,100,894	6,882,333	10,591,732	6,994,569	6,689,316	10,865,224	7,105,608
168,900	610,460	617,080	501,227	354,359	369,713	397,590
1,661,955	1,717,870	1,323,657	1,119,740	973,819	873,466	1,111,091
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

1,688,906	1,257,490	1,829,352	1,810,497	1,849,930	1,884,654	1,891,674
8,411,988	5,624,844	8,762,380	5,184,072	4,839,386	8,980,570	5,213,935
0,100,894	6,882,333	10,591,732	6,994,569	6,689,316	10,865,224	7,105,608
168,900	610,460	617,080	501,227	354,359	369,713	397,590
3,195,971	3,243,911	3,292,570	3,341,958	3,392,087	3,442,969	3,494,613
5,940,000	2,220,000	5,862,000	2,319,000	2,098,000	6,195,000	2,343,000
796,023	807,963	820,082	832,384	844,869	857,542	870,406
0,100,894	6,882,333	10,591,732	6,994,569	6,689,316	10,865,224	7,105,608
168,900	610,460	617,080	501,227	354,359	369,713	397,590
1,661,955	1,717,870	1,323,657	1,119,740	973,819	873,466	1,111,091
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Los Alamos County Utilities Department

10-Year Financial Forecast - FY2022-FY2031

Wastewater Division

EXPENSE FORECAST

WASTEWATER COLLECTION

Supervision, Misc Direct Admin	386,304	392,099	397,980	403,950	410,009	416,159	422,402	428,738	435,169	441,696
Wastewater Collection Operations	293,310	297,710	302,176	306,708	311,309	315,979	320,718	325,529	330,412	335,368
Sewer Lift Stations	384,622	166,564	169,062	171,598	174,172	176,785	179,437	182,128	184,860	187,633
Capital Project Inspection & Support	-	-	-	-	-	-	-	-	-	-
Total WWC Operations Expenses	1,064,236	856,373	869,218	882,257	895,490	908,923	922,557	936,395	950,441	964,698

WASTEWATER TREATMENT

LA WWTP Operations & Maintenance	1,360,132	1,380,534	1,401,242	1,422,261	1,443,594	1,465,248	1,487,227	1,509,536	1,532,179	1,555,161
WR WWTP Operations & Maintenance	302,621	307,160	311,768	316,444	321,191	326,009	330,899	335,862	340,900	346,014
Total WWT Operations Expenses	1,662,753	1,687,694	1,713,010	1,738,705	1,764,785	1,791,257	1,818,126	1,845,398	1,873,079	1,901,175

Interdepartmental Charges	518,376	526,152	534,044	542,055	550,185	558,438	566,815	575,317	583,947	592,706
Administrative Division Allocation	787,148	798,955	810,940	823,104	835,450	847,982	860,702	873,612	886,716	900,017

Operations encumbrances rolled forward										
Debt Service (WWT)	1,497,594	1,497,594	1,497,595	1,403,810	1,310,025	1,310,025	1,306,684	1,306,684	1,306,684	1,306,684

Capital	1,447,000	1,159,000	1,200,000	230,000	701,000	828,000	185,000	1,667,000	1,059,000	7,269,000
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Total Operations Expenses	5,530,107	5,366,768	5,424,806	5,389,930	5,355,937	5,416,625	5,474,883	5,537,406	5,600,867	5,665,279
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Total Capital Expenditures	1,447,000	1,159,000	1,200,000	230,000	701,000	828,000	185,000	1,667,000	1,059,000	7,269,000
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Total Cash Requirements	6,977,107	6,525,768	6,624,806	5,619,930	6,056,937	6,244,625	5,659,883	7,204,406	6,659,867	12,934,279
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REVENUE FORECAST

[illegible][illegible][illegible][illegible][illegible][illegible]

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022-FY2031
Wastewater Division

	1.50%	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
Res'l Multi-Family Flat Rate Customers		75	75	75	75	75	75	75	75	75	75
Res'l Multi-Family Service Charge		12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35
No. of Res'l Multi-Family Dwelling Units		1,585	1,585	1,585	1,585	1,585	1,585	1,585	1,585	1,585	1,585
Res'l Multi-Family Flat Rate		37.25	37.25	37.25	37.25	37.25	37.25	37.25	37.25	37.25	37.25
Rate Increase Percentage		2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue from Res'l MF Flat Rate		676,433	676,433	676,433	676,433	676,433	676,433	676,433	676,433	676,433	676,433
Non-Residential Customers		291	291	291	291	291	291	291	292	293	294
Non-Residential Service Charge		12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35
Non-Residential Sales in Kgal	-0.20%	45,390	45,299	45,209	45,118	45,028	44,938	44,848	44,758	44,669	44,579
Adjustment Factor		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	200.00%	300.00%
Adjusted Non-Residential Sales in Kgal		45,390	45,299	45,209	45,118	45,028	44,938	44,848	89,516	134,006	178,318
Non-Res'l Commodity Charge per Kgal		21.04	21.04	21.04	21.04	21.04	21.04	21.04	21.04	21.04	21.04
Rate Increase Percentage		2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue from Non-Residential		968,186	966,333	964,484	962,639	960,797	958,959	957,125	1,868,900	2,777,025	3,681,510
Total Sales Revenue		6,390,560	6,388,708	6,386,859	6,385,013	6,383,172	6,381,334	6,379,499	7,291,275	8,199,399	9,103,885
Interest on Utility Reserves		171,746	174,312	175,243	236,175	261,207	275,893	286,208	311,354	321,309	367,830
Inter-Utility Loan											
Loan Proceeds		550,000	-	2,500,000	-	-	-	-	-	-	6,300,000
Revenue on Recoverable Work		-	-	-	-	-	-	-	-	-	-
Total Cash Inflow		7,112,306	6,563,019	9,062,102	6,621,189	6,644,379	6,657,227	6,665,707	7,602,628	8,520,709	15,771,715
Net Cash Flow		135,199	37,251	2,437,295	1,001,259	587,442	412,601	1,005,825	398,222	1,860,842	2,837,436
Cumulative Net Cash Flow		135,199	172,450	2,609,746	3,611,005	4,198,446	4,611,048	5,616,872	6,015,094	7,875,936	10,713,372
Cash Balance		6,972,469	7,009,720	9,447,015	10,448,274	11,035,716	11,448,317	12,454,142	12,852,364	14,713,206	17,550,642
Recommended Cash Balance		4,264,489	5,009,230	4,073,906	4,486,316	4,555,253	3,948,512	5,463,973	4,893,327	11,141,242	4,910,725

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2022 through FY2031
Wastewater Fund Cash Reserve Analysis

	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029	FORECAST 2030	FORECAST 2031
WASTEWATER UTILITY CASH RESERVES										
Cash Balance *	6,972,469	7,009,720	9,447,015	10,448,274	11,035,716	11,448,317	12,454,142	12,852,364	14,713,206	17,550,642
Recommended Cash Balance	4,264,489	5,009,230	4,073,906	4,486,316	4,555,253	3,948,512	5,463,973	4,893,327	11,141,242	4,910,725
TARGET RESERVE BALANCES										
Debt Service Reserve	717,755	1,497,594	1,497,595	1,403,810	1,310,025	1,310,025	1,306,684	1,306,684	1,306,684	1,306,684
Operations Reserve	2,016,257	1,934,587	1,963,606	1,993,060	2,022,956	2,053,300	2,084,100	2,115,361	2,147,091	2,179,298
Capital Expenditures Reserve	1,159,000	1,200,000	230,000	701,000	828,000	185,000	1,667,000	1,059,000	7,269,000	1,000,000
Contingency Reserve	371,477	377,049	382,705	388,446	394,272	400,186	406,189	412,282	418,466	424,743
	4,264,489	5,009,230	4,073,906	4,486,316	4,555,253	3,948,512	5,463,973	4,893,327	11,141,242	4,910,725
RESERVE BALANCE FORECAST										
Debt Service Reserve	717,755	1,497,594	1,497,595	1,403,810	1,310,025	1,310,025	1,306,684	1,306,684	1,306,684	1,306,684
Operations Reserve	2,016,257	1,934,587	1,963,606	1,993,060	2,022,956	2,053,300	2,084,100	2,115,361	2,147,091	2,179,298
Capital Expenditures Reserve	1,159,000	1,200,000	230,000	701,000	828,000	185,000	1,667,000	1,059,000	7,269,000	1,000,000
Contingency Reserve	371,477	377,049	382,705	388,446	394,272	400,186	406,189	412,282	418,466	424,743
Total Cash Remaining	2,707,980	2,000,490	5,373,110	5,961,959	6,480,463	7,499,806	6,990,169	7,959,037	3,571,965	12,639,917

Los Alamos County Department of Public Utilities
10-Year Financial Forecast - FY2022 - FY2031
Customer Impact

Projected Typical Bill for Residential

	ELECTRIC 500 kwh	GAS 75 therms (assumes \$0.30 variable)	WATER 6,000 gal	SEWER	Total (excludes refuse)	Total % annual Increase	Total cumulative % Increase
FY2021	\$69.60	\$49.25	\$45.71	\$55.95	\$220.51	1.61%	7%
FY2022	\$69.60	\$49.25	\$47.54	\$57.07	\$223.46	1.34%	9%
FY2023	\$69.60	\$49.25	\$48.96	\$57.07	\$224.88	0.64%	9%
FY2024	\$69.60	\$49.25	\$49.94	\$57.07	\$225.86	0.44%	10%
FY2025	\$69.60	\$49.25	\$50.82	\$57.07	\$226.73	0.39%	10%
FY2026	\$69.60	\$49.25	\$51.58	\$57.07	\$227.50	0.34%	11%
FY2027	\$69.60	\$49.25	\$52.35	\$57.07	\$228.27	0.34%	11%
FY2028	\$69.60	\$49.25	\$53.14	\$57.07	\$229.06	0.34%	11%
FY2029	\$69.60	\$49.25	\$53.93	\$57.07	\$229.85	0.35%	12%
FY2030	\$69.60	\$49.25	\$54.74	\$57.07	\$230.66	0.35%	12%
FY2031	\$69.60	\$49.25	\$55.56	\$57.07	\$231.48	0.36%	13%

Utility Expense as a Percentage of Income

	Total Bill for Average Household	Los Alamos Median Household Income	Assumed Annual Income Increase	Percentage Needed to Pay Utility Bill
FY2021	\$220.51	\$111,355	2.5%	2.38%
FY2022	\$223.46	\$114,139	2.5%	2.35%
FY2023	\$224.88	\$116,992	2.5%	2.31%
FY2024	\$225.86	\$119,917	2.5%	2.26%
FY2025	\$226.73	\$122,915	2.5%	2.21%
FY2026	\$227.50	\$125,988	2.5%	2.17%
FY2027	\$228.27	\$129,137	2.5%	2.12%
FY2028	\$229.06	\$132,366	2.5%	2.08%
FY2029	\$229.85	\$135,675	2.5%	2.03%
FY2030	\$230.66	\$139,067	2.5%	1.99%