

Schedule of Funds
FY2020 Budget

	Electric Prod	Elec Dist	Gas	Water Prod	Water Dist	Wastewater	TOTAL
Operations Reserve (180 days of bud operations and maint)							
Beginning Balance FY18 CAFR + FY19 Projected	-	-	-	-	-	-	-
Budgeted Additions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Reductions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Balance FY2020	0	0	0	0	0	0	0
TARGET FY2020	18,691,867	1,682,025	1,897,419	1,822,841	1,134,657	1,955,746	27,184,553
Debt Service Reserve (as required by loan docs)							
Beginning Balance FY18 CAFR + FY19 Projected	1,839,743	1,362,329	-	167,907	-	1,682,644	5,052,623
Budgeted Additions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Reductions to the Reserve FY20	8,835	13,707	-	993	-	717,755	741,290
Budgeted Balance FY2020	1,830,908	1,348,622	-	166,914	-	964,889	4,311,333
TARGET FY2020	1,830,908	1,348,622	-	168,900	-	964,889	4,313,319
Retirement/Reclamation Reserve (per agreements)							
Beginning Balance	10,505,209	-	-	-	-	-	10,505,209
Budgeted Additions to the Reserve FY20	386,066	-	-	-	-	-	386,066
Budgeted Reductions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Balance FY2020	10,891,275	-	-	-	-	-	10,891,275
TARGET FY2020	10,891,275	-	-	-	-	-	10,891,275
Capital Expenditures Reserve (annual deprec + 2.5%)							
Beginning Balance	-	-	-	-	-	-	-
Budgeted Additions to the Reserve FY20 Not budgeted	3,459,081	1,229,076	399,915	1,326,703	665,674	835,216	7,915,665
Budgeted Reductions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Balance FY2020	3,459,081	1,229,076	399,915	1,326,703	665,674	835,216	7,915,665
TARGET FY2020	3,459,081	1,229,076	399,915	1,326,703	665,674	835,216	7,915,665
Rate Stabilization Reserve (where pass-through rate for commodities not in place)							
Beginning Balance	-	-	-	-	-	-	-
Budgeted Additions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Reductions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Balance FY2020	-	-	-	-	-	-	-
TARGET FY2020	-	-	-	-	-	-	-

Schedule of Funds
FY2020 Budget

	Electric Prod	Elec Dist	Gas	Water Prod	Water Dist	Wastewater	TOTAL
Contingency Reserve (single largest equipment with potential for failure DPU Asset Team)							
Beginning Balance	-	-	-	-	-	-	-
Budgeted Additions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Reductions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Balance FY2020	-	-	-	-	-	-	-
TARGET FY2020	-	-	257,556	-	-	-	257,556
Bond Proceeds Restricted - not currently in utility policy							
Beginning Balance	1,500,730	3,178,905	-	-	-	-	4,679,635
Budgeted Additions to the Reserve FY20	-	-	-	-	-	-	-
Budgeted Reductions to the Reserve FY20	1,500,730	464,282	-	-	-	-	1,965,012
Budgeted Balance FY2020	-	2,714,623	-	-	-	-	2,714,623
TARGET FY2020	-	2,714,623	-	-	-	-	2,714,623
TOTAL RESERVES/RESTRICTED CASH							
Beginning Balance	13,845,682	4,541,234	-	167,907	-	1,682,644	20,237,467
Budgeted Additions to the Reserve FY20	3,845,147	1,229,076	399,915	1,326,703	665,674	835,216	8,301,731
Budgeted Reductions to the Reserve FY20	1,509,565	477,989	-	993	-	717,755	2,706,302
Budgeted Balance FY2020	16,181,264	5,292,321	399,915	1,493,617	665,674	1,800,105	25,832,896
TARGET FY2020	34,873,130	6,974,346	2,554,890	3,318,443	1,800,331	3,755,851	53,276,990
Total Reserves Over<Under> Target	(18,691,867)	(1,682,025)	(2,154,975)	(1,824,827)	(1,134,657)	(1,955,746)	(27,444,095)

Capital Plan with Funding Sources Schedule**FY2020 Budget**

See 10-Year Capital Plan for Detailed Listing of Projects

	Electric Prod	Elec Dist	Gas	Water Prod	Water Dist	Wastewater	TOTAL
Capital Projects Funded through Capital Expenditures Reserve or Unrestricted Cash	265,000	1,400,000	25,000	767,000	-	-	2,457,000
Capital Projects Funded through Debt	-	-	-	355,200	-	-	355,200
Capital Projects Funded through Grants	-	-	-	532,800	-	-	532,800
Total Capital Projects	265,000	1,400,000	25,000	1,655,000	-	-	3,345,000

**Cash Projection by Priority of Budgeted Expenditures Schedule
FY2020 Budget**

	Electric Prod	Elec Dist	Gas	Water Prod	Water Dist	Wastewater	TOTAL
Beginning Cash - Unrestricted	2,224,744	(2,563,163)	3,942,195	9,495,888	(1,338,911)	2,706,945	14,467,698
Beginning Cash - Restricted Including Reserves	12,722,184	4,063,245	-	168,900	-	717,755	17,672,084
Total Cash	14,946,928	1,500,082	3,942,195	9,664,788	(1,338,911)	3,424,700	32,139,782
Total Budgeted Revenue	32,960,430	14,529,188	6,027,650	2,755,716	5,448,608	5,618,248	67,339,840
Commodity Intrafund	6,017,156	(6,017,156)	-	2,985,026	(2,985,026)	-	-
<i>Budgeted Expenditures by Priority</i>							
1. Current Operations Budget (Including Normal Maintenance)	37,383,733	3,364,049	3,794,838	3,645,681	2,269,313	3,911,491	54,369,105
2. Bond & Other Debt Service	2,774,753	1,253,438	-	258,373	-	698,314	4,984,878
3a. Capital Plan for FY2020 - Maintenance/Improvement	265,000	550,000	25,000	1,655,000	-	-	2,495,000
3b. Replacement Reserve (<i>Capital Expenditures Reserve</i>) - NOT BUDGETD	3,459,081	1,229,076	399,915	1,326,703	682,316	856,096	7,953,187
4a. Franchise Fee paid to the County		311,478	119,543	-	-	-	431,021
4b. In Lieu Taxes paid to the County	59,318	242,413	104,179	-	-	-	405,910
5a. Capital Plan for FY2020 - Extension	-	850,000	-	-	-	-	850,000
5b. Additions & Improvements Reserve	-	-	-	-	-	-	-
Cash Projection for Other Utilities Reserves per Schedule of Funds ***							
w. Net Add/Reduction - Util Operating Reserve	-	-	-	-	-	-	-
x. Net Add/Reduction - Util Retirement/Reclamation Reserve	386,066	-	-	-	-	-	386,066
y. Net Add/Reduction - Util Rate Stabilization Reserve	-	-	-	-	-	-	-
z. Net Add/Reduction - Util Contingency Reserve	-	-	-	-	-	-	-
Total Projected Cash Use (excluding transfers from Unrestricted to Restricted - items 3b. and x.)	40,482,804	6,571,378	4,043,560	5,559,054	2,269,313	4,609,805	63,535,914
Net Cash Budgeted Sources and Uses	(1,505,218)	1,940,654	1,984,090	181,688	194,269	1,008,443	3,803,926
Projected Ending Cash - Unrestricted	(2,739,554)	(1,851,585)	5,526,370	8,352,859	(1,810,316)	2,633,038	10,110,812
Projected Ending Cash - Restricted	16,181,264	5,292,321	399,915	1,493,617	665,674	1,800,105	25,832,896
Total Projected Ending Cash	13,441,710	3,440,736	5,926,285	9,846,476	(1,144,642)	4,433,143	35,943,708
6. All Remaining Operating Profits (including funding of reserves)	(5,350,365)	711,578	1,584,175	(1,145,015)	(488,047)	152,347	(4,535,327)

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2020-FY2029
Wastewater Division

	BUDGET 2020	FORECAST 2021	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029
EXPENSE FORECAST										
WASTEWATER COLLECTION										
Supervision, Misc Direct Admin	302,427	306,963	311,567	316,241	320,984	325,799	330,686	335,647	340,681	345,791
Wastewater Collection Operations	341,652	346,777	351,978	357,258	362,617	368,056	373,577	379,181	384,868	390,641
Sewer Lift Stations	159,288	161,677	164,102	166,564	169,062	171,598	174,172	176,785	179,437	182,128
Capital Project Inspection & Support	4,058	4,119	4,180	4,243	4,307	4,371	4,437	4,504	4,571	4,640
Total WWC Operations Expenses	807,424	819,536	831,829	844,306	856,971	869,825	882,873	896,116	909,557	923,201
WASTEWATER TREATMENT										
LA WWTP Operations & Maintenance	1,310,004	1,329,654	1,349,599	1,369,843	1,390,391	1,411,247	1,432,415	1,453,902	1,475,710	1,497,846
WR WWTP Operations & Maintenance	358,966	364,350	369,816	375,363	380,993	386,708	392,509	398,396	404,372	410,438
Total WWT Operations Expenses	1,668,970	1,694,005	1,719,415	1,745,206	1,771,384	1,797,955	1,824,924	1,852,298	1,880,083	1,908,284
Interdepartmental Charges	545,371	553,552	561,855	570,283	578,837	587,519	596,332	605,277	614,356	623,572
Administrative Division Allocation	797,400	809,361	821,501	833,824	846,331	859,026	871,912	884,990	898,265	911,739
Operations encumbrances rolled forward										
Debt Service (WWT)	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
Capital	-	13,050,500	-	184,424	878,270	371,007	1,049,843	714,042	406,071	828,467
Total Operations Expenses	4,517,480	5,501,577	5,559,723	5,618,742	5,678,647	5,645,665	5,613,595	5,676,236	5,736,475	5,801,009
Total Capital Expenditures	-	13,050,500	-	184,424	878,270	371,007	1,049,843	714,042	406,071	828,467
Total Cash Requirements	4,517,480	18,552,077	5,559,723	5,803,166	6,556,917	6,016,672	6,663,439	6,390,278	6,142,546	6,629,476
REVENUE FORECAST										
Mgal Processed	430,000	430,000	430,000	430,000	430,000	430,000	430,000	430,000	430,000	430,000
Res'l Single-Family Flat Rate Customers	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629	6,629
Res'l Single Family Flat Rate	42.56	43.84	44.72	44.72	44.72	44.72	44.72	44.72	44.72	44.72
Res'l Single-Family Service Charge	11.76	12.11	12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35
Rate Increase Percentage	6.00%	3.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue from Res'l SF Flat Rate	4,277,837	4,406,203	4,494,406	4,494,406	4,494,406	4,494,406	4,494,406	4,494,406	4,494,406	4,494,406

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2020-FY2029
Wastewater Division

	BUDGET 2020	FORECAST 2021	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029
Res'l Multi-Family Flat Rate Customers	75	75	75	75	75	75	75	75	75	75
Res'l Multi-Family Service Charge	11.76	12.11	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	35.46	36.52	37.25	37.25	37.25	37.25	37.25	37.25	37.25	37.25
Rate Increase Percentage	6.00%	3.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue from Res'l MF Flat Rate	643,931	663,179	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	291	291	292
Non-Residential Service Charge	11.76	12.11	12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.35
Non-Residential Sales in Kgal	45,572	45,481	45,390	45,299	45,209	45,118	45,028	44,938	44,848	44,758
Adjustment Factor	1.75%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Adjusted Non-Residential Sales in Kgal	46,370	45,481	45,390	45,299	45,209	45,118	45,028	44,938	44,848	89,516
Non-Res'l Commodity Charge per Kgal	20.03	20.63	21.04	21.04	21.04	21.04	21.04	21.04	21.04	21.04
Rate Increase Percentage	6.00%	3.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue from Non-Residential	940,752	951,141	968,186	966,333	964,484	962,639	960,797	958,959	957,125	1,868,900
Total Sales Revenue	5,582,581	6,020,524	6,139,025	6,137,173	6,135,324	6,133,478	6,131,637	6,129,799	6,127,965	7,039,740
Interest on Utility Reserves	35,667	85,956	99,816	116,794	128,064	120,726	126,664	116,536	112,937	115,396
Inter-Utility Loan										
Loan Proceeds	-	13,000,000								
Revenue on Recoverable Work	-	-	-	-	-	-	-	-	-	-
Total Cash Inflow	5,618,248	19,106,480	6,238,841	6,253,967	6,263,388	6,254,204	6,258,301	6,246,334	6,240,902	7,155,136
Net Cash Flow	1,100,768	554,403	679,118	450,801	(293,529)	237,532	(405,138)	(143,943)	98,356	525,660
Cumulative Net Cash Flow	1,536,933	2,091,336	2,770,455	3,221,255	2,927,726	3,165,259	2,760,121	2,616,178	2,714,533	3,240,193
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
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

Los Alamos County Utilities Department
10-Year Financial Forecast - FY2020 through FY2029
Wastewater Fund Cash Reserve Analysis

	BUDGET 2020	FORECAST 2021	FORECAST 2022	FORECAST 2023	FORECAST 2024	FORECAST 2025	FORECAST 2026	FORECAST 2027	FORECAST 2028	FORECAST 2029
WASTEWATER 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
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
	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