

Control Number: 51407

Item Number: 7

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# FOR TCEQ WATER CCN APPLICATION FOR REPUBLIC GRAND RANCH SUBDIVISION BY DOS AGUAS LLC

# FINANCIAL ASSUMPTIONS AND DATA

### INCOME AND EXPENSE

Development Rate, New Connections/Month = 8 0 Maximum Number of Connections = 2,200 AVERAGE ANNUAL WATER USE/EQUIV CONN = AVERAGE ANNUAL WATER USE/EQUIV CONN = 225 GAL/DAY 6.750 GAL/MONTH BASE WATER RATE \$55 00 Gal Included \$3 00 /1000 GAL Plus WATER CONSERVATION RATE = \$4 50 Gal In Excess of 10,000 Gal/Month SEWER RATE = Gal Included EXCESS SEWER USE RATE = /Gal in Excess of Gal/Month AVERAGE MONTHLY WATER/SEWER BILL/CONN = \$75 25

Water Tap Fee = \$1,250 00 Sewer Tap Fee =

BAD DEBTS = 1.00% OF SALES

CAPITAL INVESTMENT SCHEDULE (CUMMULATIVE)
WATER PLANT CONSTRUCTION COST = FY1 \$1,437,280 FY2 FY3 FY4 FY5 \$1,437,280 \$1,437,280 \$1,437,280 \$1,437,280 WWTP CONSTRUCTION COST = WATER DISTRIBUTION SYSTEM CONSTRUCTION COST =

\$0 \$0 \$0 \$0 \$0 (Distribution Lines Paid for by Home Builders) SEWAGE COLLECTION SYSTEM CONSTRUCTION COST = TOTAL SYSTEM CONSTRUCTION COST = \$1,437,280

\$1,437,280 \$1,437,280 \$1,437,280 \$1,437,280 CONTRIBUTIONS IN AID OF CONSTRUCTION = \$0 \$1,437,280 NET SYSTEM CAPITAL COST TO UTILITY = \$1,437,280 \$1,437,280 \$1,437,280 \$1,437,280 SALVAGE VALUE = \$0 \$0 \$0 \$0 \$0 AVG LIFE, YEARS = DEPRECIATION/MONTH = 48 48 48 48 48 \$2,495 \$2,495 \$2,495 \$2,495 \$2,495

### VARIABLE OPERATING COSTS

EMPLOYEE SALARIES = \$2,500 /Mo Plus \$2 00 /CONNECTION \$1 00 /CONNECTION OFFICE EXPENSE COST = \$500 /Mo Plus CUSTOMER BILLING/COLLECTION COST = \$250 /Mo Plus \$3.00 /CONNECTION OPERATOR COST = \$1,000 /Mo Plus \$2 00 /CONNECTION VEHICLE & EQUIPMENT COST = \$250 /Mo Plus \$3.00 /CONNECTION ELEC COST = \$3.00 /CONNECTION \$600 /Mo Plus CHEMICAL COST = SLUDGE DISPOSAL COST = /Mo Plus /Mo Plus \$200 \$1.00 /CONNECTION /CONNECTION TCEQ FEES =
REPAIR COST/MO , % CAP =
RESERVE ACCT DEPOSIT/MO , % CAP = \$100 \$1.00 /CONNECTION Of Invested Capital 0.10%

Of Invested Capital

### FIXED OPERATING COSTS

LABORATORY COST = PROFESSIONAL FEES = \$50 \$250 /Mo Plus /Mo Plus \$0.50 /CONNECTION \$0.50 /CONNECTION EFFECTIVE LOCAL TAX RATE = LIAB/PROP INSURANCE = \$0.75 /\$100 \$0.75 /\$100

Fisc Month	al Year	Seasonal Use Multiplier	Projected Use Gal/Day	Mo	Projected onthly Cost Vater/Sewer	Projected Monthly Bill (*)
1	JAN	0 65	146	\$	68.60	\$69 29
2	FEB	0 65	146	\$	67.29	\$67.96
3	MAR	0 75	169	\$	70 69	\$71 40
4	APR	1 00	225	\$	75 25	\$76 00
5	MAY	1 20	270	\$	80.11	\$80 91
6	JUN	1.35	304	\$	82.34	\$83 16
7	JUL	1 35	304	\$	83 25	\$84 08
8	AUG	1 35	304	\$	83 25	\$84.08
9	SEP	1 20	270	\$	79 30	\$80.09
10	OCT	1.10	248	\$	78.02	\$78.80
11	NOV	0 75	169	\$	70.19	\$70.89
12	DEC	0 65	146	\$	68.60	\$69 29
	SUMMATION "	12 00	225 00		\$906.88	\$915.95
	(*) Including 1% T	CEQ Regulate	ory Assessm	ent (S	Sales Tax)	

8/10/2020

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### FISCAL YEAR 1

TOTAL ON-LINE CONNECTIONS Seasonal Multiplier, mo avg/ annual avg Monthly Water Use/Customer, Gal	JAN 8 0 0 65 4,534	1	EB 6 0 65	MAR 24 0 0 75 5,231	APR 32 0 1 00 6,750		MAY 40 0 1 20 8,370		JUN 48 0 1 35 9,113	JUL 56 0 1 35 9,416	AUG 64 0 1 35 9,416	SEP 72 0 1 20 8,100		OCT 80 0 1 10 7,673	NOV 88 0 0 75 5,063	DEC 96 0 0 65 4,534	TOTAL 624 12.00
Monthly Water Use in Base Rate, Gal Monthly Water Use Subject to Water Charge, Gal Monthly Water Income Per Customer, \$ Monthly Sewer Use in Base Rate, Gal Monthly Sewer Use Subject to Sewer Charge, Gal	\$ 4,534 68 60 -	4,0	95 29	5,231 \$ 70 69	\$ 6,750 75 25	\$	8,370 80 11	\$	9,113 82 34 -	\$ 9,416 83 25 -	\$ 9,416 83 25	\$ 8,100 79 30 -	\$	7,673 78 02 -	\$ 5,063 70 19 -	\$ 4,534 68 60	\$ 906.88
Monthly Sewer Income Per Customer, \$	\$ -	\$		\$ -	\$ -	\$	<u>-</u>	\$		\$ -	\$ -	\$ -	\$	-	\$ -	\$ -	\$ 
Monthly Water Bill, \$ Total Monthly Water Pumped, Gal	\$ 68 60 36,270	\$ 67 65.5		\$ 70 69 125,550	\$ 75 25 216,000	\$	80 11 334,800	•	82 34 37,400	\$ 83 25 527,310	\$ 83 25 602,640	\$ 79 30 583,200	\$	78 02 613,800	\$ 70 19 445,500	\$ 68 60 435,240	\$ 906.88 4,423,230
GROSS WATER/SEWER USE INCOME	\$549	\$1,0		\$1,697	\$2,408		\$3,204		3,952	\$4,662	\$5,328	\$5,710		\$6,241	\$6,177	\$6,586	\$47,590
RESERVE FOR BAD DEBTS	\$5		11	\$17	\$24		\$32		\$40	\$47	\$53	\$57		\$62	\$62	\$66	\$476
WATER/SEWER INCOME (ADJUSTED) TAP FEE INCOME	\$543 \$10,000	\$1,0 \$10.0		\$1,680 \$10,000	\$2,384 \$10,000		\$3,172 \$10,000		\$3,913 10,000	\$4,615 \$10,000	\$5,275 \$10,000	\$5,653 \$10,000		\$6,179 \$10,000	\$6,115 \$10,000	\$6,520 \$10,000	\$47,114 \$120.000
TOTAL MONTHLY INCOME	\$10,543	\$11,0		\$11,680	\$12,384		\$13,172		13,913	\$14,615	\$15,275	\$15,653		\$16,179	\$16,115	\$16,520	\$167,114
EXPENSE GENERAL & ADMINISTRATIVE																	
OFFICE EXPENSE	\$508		16	\$524	\$532		\$540		\$548	\$556	\$564	\$572		\$580	\$588	\$596	\$6,624
EMPLOYEE SALARIES	\$2,516	\$2,5		\$2,548	\$2,564		\$2,580	5	\$2,596	\$2,612	\$2,628	\$2,644		\$2,660	\$2,676	\$2,692	\$31,248
PROFESSIONAL FEES	\$254		58	\$262	\$266		\$270 \$898		\$274 \$898	\$278	\$282	\$286		\$290 \$898	\$294 \$898	\$298 \$898	\$3,312
INSURANCE ADVALOREM TAXES	\$898 \$898		98 98	\$898 \$898	\$898 \$898		\$898		\$898	\$898 \$898	\$898 \$898	\$898 \$898		\$898	\$898	\$898	\$10,780 \$10,780
TCEQ PERMIT FEES	\$108		16	\$124	\$132		\$140		\$148	\$156	\$164	\$172		\$180	\$188	\$196	\$1,824
MONTHLY G&A	\$5,183	\$5,2		\$5,255	\$5,291		\$5,327	5	5,363	\$5,399	\$5,435	\$5,471		\$5,507	\$5,543	\$5,579	\$64,567
OPERATIONS																	
OPERATOR COST	\$1,016	\$1,0		\$1,048	\$1,064		\$1,080	5	1,096	\$1,112	\$1,128	\$1,144		\$1,160	\$1,176	\$1,192	\$13,248
VEHICLE & EQUIPMENT COST	\$274		98	\$322	\$346		\$370		\$394	\$418	\$442	\$466		\$490	\$514	\$538	\$4,872
CUSTOMER BILLING COST ELECTRICITY	\$274 \$624		98 48	\$322 \$672	\$346		\$370 \$720		\$394 \$744	\$418 \$768	\$442 \$792	\$466 \$816		\$490 \$840	\$514 \$864	\$538 \$888	\$4,872 \$9,072
CHEMICAL COST	\$624 \$208		16	\$672 \$224	\$696 \$232		\$720 \$240		\$744 \$248	\$256	\$792 \$264	\$272		\$280	\$288	эооо \$296	\$3,024
SLUDGE DISPOSAL COST	\$200	Φ.	\$0	\$0	\$232		\$240		\$0	\$250	\$204	\$272		\$200	\$200	\$0	\$3,024
TAP MAT'L & FIELD LABOR COST	\$8,500	\$8.5		\$8.500	\$8.500		\$8.500	5	\$8.500	\$8,500	\$8.500	\$8.500		\$8.500	\$8,500	\$8.500	\$102.000
REPAIR COSTS	\$1,437	\$1.4		\$1,437	\$1,437		\$1,437		\$1.437	\$1,437	\$1,437	\$1,437		\$1,437	\$1,437	\$1,437	\$17,247
CONTRIBUTION TO RESERVE ACCT	\$1,437	\$1,4		\$1,437	\$1,437		\$1,437		51,437	\$1,437	\$1,437	\$1,437		\$1,437	\$1,437	\$1,437	\$17,247
MONTHLY O & M COST	\$13,771	\$13,8	67	\$13,963	\$14,059		\$14,155	\$1	14,251	\$14,347	\$14,443	\$14,539		\$14,635	\$14,731	\$14,827	\$171,583
TOTAL MONTHLY EXPENSE	 \$18,953	\$19,0	85	\$19,217	 \$19,349	·	\$19,481	\$1	19,613	 \$19,745	 \$19,877	 \$20,009	_	\$20,141	 \$20,273	 \$20,405	 \$236,150
NET INCOME OR EXPENSE/MONTH	(\$8,410)	(\$8,0	19)	(\$7,537)	(\$6,965)		(\$6,309)	(\$	\$5,700)	(\$5,130)	(\$4,603)	(\$4,357)		(\$3,962)	(\$4,158)	(\$3,885)	(\$69,036)

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### FISCAL YEAR 2

		JAN	FEB	MAR	ł	APR	MA	Y	JUN	JUL		AUG	SEP		ост	NOV	DEC	TOTAL
TOTAL ON-LINE EQUIVALENT CONN		104	112	120		128	136	;	144	152		160	168		176	184	192	1,776
Seasonal Multiplier, mo_avg/ annual avg	0	65	0 65	0 75		1 00	1 20		1 35	1 35		1 35	1 20		1 10	0 75	0 65	12.00
Monthly Water Use/Customer, Gal	4.5	534	4,095	5,231		6,750	8,370	ı	9,113	9,416	9	,416	8,100		7,673	5,063	4,534	
Monthly Water Use in Base Rate, Gal		-	-	-			-		-			-				-	-	
Monthly Water Use Subject to Surcharge, Gal	4,5	534	4,095	5,231		6,750	8,370		9,113	9,416	9	,416	8,100		7,673	5,063	4,534	
Monthly Water Income Per Customer, \$	\$ 68	60	\$ 67 29	\$ 70 69	\$	75 25	\$ 80 11	\$	82 34	\$ 83 25	\$ 8	3 25	\$ 79 30	\$	78 02	\$ 70 19	\$ 68 60	\$ 906 88
Monthly Sewer Use in Base Rate, Gal			-	-		-	-		-	-		-	-		-	-	-	
Monthly Sewer Use Subject to Sewer Charge, Gal	4,5	34	4,095	5,231		6,750	8,370		9,113	9,416	9	,416	8,100		7,673	5,063	4,534	
Monthly Sewer Income Per Customer, \$	\$	- :	\$ -	\$ -	\$	-	\$ -	\$	-	\$ -	\$	-	\$ -	\$	-	\$ -	\$ -	\$ -
Monthly Water Bill, \$	\$ 68	60	\$ 67 29	\$ 70 69	\$	75 25	\$ 80 11	\$	82 34	\$ 83 25	\$ 8	3 25	\$ 79 30	\$	78 02	\$ 70 19	\$ 68.60	\$ 906.88
Total Monthly Water Pumped, Gal	471,5	510	458,640	627,750		864,000	1,138,320		1,312,200	1,431,270	1,506	,600	1,360,800	1,	350,360	931,500	870,480	12,323,430
GROSS WATER/SEWER USE INCOME	\$7,	35	\$7,536	\$8,483		\$9,632	\$10,895		\$11,857	\$12,654	\$13	,320	\$13,322		\$13,731	\$12,915	\$13,171	\$134,650
RESERVE FOR BAD DEBTS	(	71	\$75	\$85		\$96	\$109	ı	\$119	\$127		\$133	\$133		\$137	\$129	\$132	\$1,347
WATER/SEWER INCOME (ADJUSTED)	\$7,0	63	\$7,461	\$8,398		\$9,536	\$10,786	i	\$11,738	\$12,527	\$13	,187	\$13,189		\$13,594	\$12,785	\$13,040	\$133,304
TAP FEE INCOME	\$10,0	000	\$10,000	\$10,000		\$10,000	\$10,000		\$10,000	\$10,000	\$10	,000	\$10,000		\$10,000	\$10,000	\$10,000	\$120,000
TOTAL MONTHLY INCOME	\$17,0	63	\$17,461	\$18,398		\$19,536	\$20,786		\$21,738	\$22,527	\$23	,187	\$23,189		\$23,594	\$22,785	\$23,040	\$253,304
EXPENSE																		
GENERAL & ADMINISTRATIVE																		
OFFICE EXPENSE	9.2	604	\$612	\$620		\$628	\$636	:	\$644	\$652		660	\$668		\$676	\$684	\$692	\$7,776
EMPLOYEE SALARIES	\$2.7		\$2,724	\$2,740		\$2,756	\$2,772		\$2,788	\$2,804		.820	\$2,836		\$2,852	\$2,868	\$2,884	\$33,552
PROFESSIONAL FEES		302	\$306	\$310		\$314	\$318		\$322	\$326		330	\$334		\$338	\$342	\$346	\$3,888
INSURANCE		398	\$898	\$898		\$898	\$898		\$898	\$898		898	\$898		\$898	\$898	\$898	\$10.780
ADVALOREM TAXES		98	\$898	\$898		\$898	\$898		\$898	\$898		898	\$898		\$898	\$898	\$898	\$10,780
TCEQ PERMIT FEES		204	\$212	\$220		\$228	\$236		\$244	\$252		\$260	\$268		\$276	\$284	\$292	\$2,976
TOTAL G&A	\$5,6		\$5,651	\$5,687		\$5,723	\$5,759		\$5,795	\$5,831		.867	\$5,903		\$5,939	\$5,975	\$6,011	\$69,751
OPERATIONS	ΨΟ,	, 10	ψ0,001	Ψο,οοι		Ψ0,720	ψο,,,οο		Ψο,100	ψ0,001	ΨΟ	,007	φυ,σου		ΨΟ,ΟΟΟ	ψο,στο	Ψ0,011	ψ05,151
OPERATOR COST	\$1,2	208	\$1,224	\$1,240		\$1,256	\$1,272		\$1,288	\$1,304	\$1	,320	\$1,336		\$1,352	\$1,368	\$1,384	\$15,552
VEHICLE & EQUIPMENT COST		62	\$586	\$610		\$634	\$658		\$682	\$706		6730	\$754		\$778	\$802	\$826	\$8,328
CUSTOMER BILLING COST		62	\$586	\$610		\$634	\$658		\$682	\$706		5730	\$754		\$778	\$802	\$826	\$8,328
ELECTRICITY		12	\$936	\$960		\$984	\$1,008		\$1,032	\$1,056		,080	\$1,104		\$1,128	\$1,152	\$1,176	\$12,528
CHEMICAL COST		104	\$312	\$320		\$328	\$336		\$344	\$352		360	\$368		\$376	\$384	\$392	\$4,176
SLUDGE DISPOSAL COST		\$0	\$0	\$0		\$0	\$0		\$0	\$0		\$0	\$0		\$0	\$0	\$0	\$0
TAP MAT'L & FIELD LABOR COST	\$8.5		\$8,500	\$8,500		\$8,500	\$8,500		\$8,500	\$8,500	\$8	.500	\$8,500		\$8,500	\$8,500	\$8.500	\$102,000
REPAIR COSTS	\$1,4		\$1,437	\$1,437		\$1,437	\$1,437		\$1,437	\$1,437		437	\$1,437		\$1,437	\$1,437	\$1,437	\$17,247
CONTRIBUTION TO RESERVE ACCT	\$1,4		\$1,437	\$1,437		\$1,437	\$1,437		\$1,437	\$1,437		,437	\$1,437		\$1,437	\$1,437	\$1,437	\$17,247
MONTHLY O & M COST	\$14,9		\$15,019	\$15,115		\$15,211	\$15,307		\$15,403	\$15,499		,595	\$15,691		\$15,787	\$15,883	\$15,979	\$185,407
TOTAL MONTHLY EXPENSE	\$20,	37	\$20,669	\$20,801		\$20,933	\$21,065		\$21,197	\$21,329	\$21	,461	\$21,593		\$21,725	\$21,857	\$21,989	\$255,158
NET INCOME OR EXPENSE/MONTH	(\$3,4	174)	(\$3,209)	(\$2,403)	)	(\$1,397)	(\$279	)	\$541	\$1,198	\$1	,725	\$1,596		\$1,869	\$928	\$1,051	(\$1,854)

### FISCAL YEAR 3

TOTAL ON-LINE EQUIVALENT CONN Seasonal Multiplier, mo avg/ annual avg Monthly Water Use/Customer, Gal Monthly Water Use in Base Rate, Gal	4,	JAN 200 ) 65 534	FEB 208 0 65 4,095	MAR 216 0 75 5,231	APR 224 1 00 6,750	MAY 232 1 20 8,370	JUN 240 1 35 9,113	JUL 248 1 35 9,416	AUG 256 1 35 9,416	SEP 264 1 20 8,100	OCT 272 1 10 7,673	NOV 280 0 75 5,063	DEC 288 0 65 4,534	TOTAL 2,928 12.00
Monthly Water Use Subject to Surcharge, Gal Monthly Water Income Per Customer, \$ Monthly Sewer Use in Base Rate, Gal Monthly Sewer Use Subject to Sewer Charge, Gal	4, \$ 68	534	4,095 \$ 67 29 - 4,095	5,231 \$ 70 69 - 5,231	6,750	8,370 \$ 80 11 - 8,370	9,113	9,416	9,416	8,100	7,673 \$ 78 02 - 7,673	5,063	4,534	\$ 906 88
Monthly Sewer Income Per Customer, \$	\$		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Water Bill, \$			\$ 67 29	\$ 70 69	\$ 75 25	\$ 80 11	\$ 82 34	\$ 83 25	\$ 83 25	\$ 7930	\$ 78 02	\$ 70 19		\$ 906.88
Total Monthly Water Pumped, Gal	906,		851,760	1,129,950	1,512,000	1,941,840	2,187,000	2,335,230	2,410,560	2,138,400	2,086,920	1,417,500	1,305,720	20,223,630
GROSS WATER/SEWER USE INCOME	\$13,		\$13,995	\$15,270	\$16,856	\$18,586	\$19,761	\$20,646	\$21,312	\$20,935	\$21,221	\$19,653	\$19,757	\$221,711
RESERVE FOR BAD DEBTS		137	\$140	\$153	\$169	\$186	\$198	\$206	\$213	\$209	\$212	\$197	\$198	\$2,217
WATER/SEWER INCOME (ADJUSTED) TAP FEE INCOME	\$13, \$10,		\$13,855 \$10,000	\$15,117 \$10,000	\$16,687 \$10,000	\$18,400 \$10,000	\$19,563 \$10,000	\$20,439 \$10,000	\$21,099 \$10,000	\$20,726 \$10,000	\$21,009 \$10,000	\$19,456 \$10,000	\$19,560 \$10,000	\$219,494 \$120,000
TOTAL MONTHLY INCOME	\$23,		\$23,855	\$25,117	\$26,687	\$28,400	\$29,563	\$30,439	\$31,099	\$30,726	\$31,000	\$29,456	\$29,560	\$339,494
EXPENSE GENERAL & ADMINISTRATIVE	<b>12</b> 0,		<b>42</b> 0,000	<b>4</b> =0,7.17	<b>42</b> 0,000	<b>4_0,</b> 100	<b>,</b> ,,,,,,	400,700	401,000	¥33,1.23	401,000	420,100	<b>420,00</b> 0	4000,10
OFFICE EXPENSE	\$	700	\$708	\$716	\$724	\$732	\$740	\$748	\$756	\$764	\$772	\$780	\$788	\$8,928
EMPLOYEE SALARIES		900	\$2,916	\$2,932	\$2,948	\$2,964	\$2,980	\$2,996	\$3,012	\$3,028	\$3,044	\$3,060	\$3,076	\$35,856
PROFESSIONAL FEES		350	\$354	\$358	\$362	\$366	\$370	\$374	\$378	\$382	\$386	\$390	\$394	\$4,464
INSURANCE		898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$10,780
ADVALOREM TAXES		898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$10,780
TCEQ PERMIT FEES		300	\$308	\$316	\$324	\$332	\$340	\$348	\$356	\$364	\$372	\$380	\$388	\$4,128
TOTAL G&A OPERATIONS		047	\$6,083	\$6,119	\$6,155	\$6,191	\$6,227	\$6,263	\$6,299	\$6,335	\$6,371	\$6,407	\$6,443	\$74,935
OPERATOR COST		400	\$1,416	\$1,432	\$1,448	\$1,464	\$1,480	\$1,496	\$1,512	\$1,528	\$1,544	\$1,560	\$1,576	\$17,856
VEHICLE & EQUIPMENT COST		850	\$874	\$898	\$922	\$946	\$970	\$994	\$1,018	\$1,042	\$1,066	\$1,090	\$1,114	\$11,784
CUSTOMER BILLING COST ELECTRICITY		850 200	\$874 \$1,224	\$898 \$1,248	\$922 \$1,272	\$946 \$1,296	\$970 \$1,320	\$994 \$1,344	\$1,018 \$1,368	\$1,042 \$1,392	\$1,066 \$1,446	\$1,090	\$1, <b>1</b> 14 \$1,464	\$11,784
CHEMICAL COST		400 400	\$1,224 \$408	\$1,240 \$416	\$1,272 \$424	\$1,296	\$1,320 \$440	\$1,344 \$448	\$1,366 \$456	\$1,392 \$464	\$1,416 \$472	\$1,440 \$480	\$1,464 \$488	\$15,984 \$5,328
SLUDGE DISPOSAL COST	Φ	<b>\$</b> 0	\$400	\$416	\$0	\$432 \$0	\$0	\$0	\$0	\$464 \$0	\$0	\$0	\$400 \$0	\$5,328 \$0
TAP MAT'L & FIELD LABOR COST	\$2	500	\$8.500	\$8.500	\$8,500	\$8,500	\$8,500	\$8.500	\$8,500	\$8,500	\$8.500	\$8.500	\$8,500	\$102,000
REPAIR COSTS		437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$17,247
CONTRIBUTION TO RESERVE ACCT		437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$17,247
MONTHLY O & M COST	\$16.		\$16,171	\$16,267	\$16,363	\$16,459	\$16,555	\$16,651	\$16,747	\$16,843	\$16,939	\$17,035	\$17,131	\$199,231
TOTAL MONTHLY EXPENSE	\$22,		\$22,253	\$22,385	\$22,517	\$22,649	\$22,781	\$22,913	\$23,045	\$23,177	\$23,309	\$23,441	\$23,573	\$274,166
NET INCOME OR EXPENSE/MONTH	\$1,	462	\$1,602	\$2,732	\$4,170	\$5,751	\$6,782	\$7,526	\$8,053	\$7,549	\$7,699	\$6,015	\$5,986	\$65,328

8/10/2020

# FISCAL YEAR 4

TOTAL ON-LINE EQUIVALENT CONN Seasonal Multiplier, mo avg/ annual avg Monthly Water Use/Customer, Gal Monthly Water Use in Base Rate, Gal	JAN 296 0 65 4,534	FEB 304 0.65 4,095	MAR 312 0 75 5,231	APR 320 1 00 6,750	. MAY 328 1 20 8,370	JUN 336 1 35 9,113	JUL 344 1 35 9,416	AUG 352 1 35 9,416	SEP 360 1 20 8,100	OCT 368 1 10 7,673	NOV 376 0 75 5,063	DEC 384 0 65 4,534	TOTAL 4,080 12.00
Monthly Water Use Subject to Surcharge, G. Monthly Water Income Per Customer, \$ Monthly Sewer Use in Base Rate, Gal Monthly Sewer Use Subject to Sewer Charge Monthly Sewer Income Per Customer, \$	4,534 \$ 68 60	4,095	5,231 \$ 70 69 - 5,231 \$ -	6,750 \$ 75 25 - 6,750 \$ -	8,370	9,113	9,416 \$ 83 25 - 9,416 \$ -	9,416	8,100	7,673 \$ 78 02 - 7,673 \$ -	5,063	4,534	\$ 906.88 \$ -
Monthly Water Bill, \$ Total Monthly Water Pumped, Gal GROSS WATER/SEWER USE INCOME RESERVE FOR BAD DEBTS WATER/SEWER INCOME (ADJUSTED) TAP FEE INCOME TOTAL MONTHLY INCOME	\$ 68 60 1,341,990 \$20,306 \$203 \$20,103 \$10,000 \$30,103	\$ 67 29 1,244,880 \$20,455 \$205 \$20,250 \$10,000 \$30,250	\$ 70 69 1,632,150 \$22,056 \$221 \$21,836 \$10,000 \$31,836	\$ 75 25 2,160,000 \$24,080 \$241 \$23,839 \$10,000 \$33,839	\$ 80 11 2,745,360 \$26,276 \$263 \$26,013 \$10,000 \$36,013	\$ 82 34 3,061,800 \$27,665 \$277 \$27,389 \$10,000 \$37,389	\$ 83 25 3,239,190 \$28,638 \$286 \$28,351 \$10,000 \$38,351	\$ 83 25 3,314,520 \$29,304 \$293 \$29,011 \$10,000 \$39,011	\$ 79 30 2,916,000 \$28,548 \$285 \$28,263 \$10,000 \$38,263	\$ 78 02 2,823,480 \$28,710 \$287 \$28,423 \$10,000 \$38,423	\$ 70 19 1,903,500 \$26,391 \$264 \$26,127 \$10,000 \$36,127	\$ 68 60 1,740,960 \$26,343 \$263 \$26,079 \$10,000 \$36,079	\$ 906.88 28,123,830 \$308,771 \$3,088 \$305,684 \$120,000 \$425,684
EXPENSE GENERAL & ADMINISTRATIVE OFFICE EXPENSE EMPLOYEE SALARIES PROFESSIONAL FEES INSURANCE ADVALOREM TAXES TCEQ PERMIT FEES TOTAL G&A	\$796 \$3,092 \$398 \$898 \$898 \$396 \$6,479	\$804 \$3,108 \$402 \$898 \$898 \$404 \$6,515	\$812 \$3,124 \$406 \$898 \$898 \$412 \$6,551	\$820 \$3,140 \$410 \$898 \$898 \$420 \$6,587	\$828 \$3,156 \$414 \$898 \$898 \$428 \$6,623	\$836 \$3,172 \$418 \$898 \$898 \$436 \$6,659	\$844 \$3,188 \$422 \$898 \$698 \$444 \$6,695	\$852 \$3,204 \$426 \$898 \$898 \$452 \$6,731	\$860 \$3,220 \$430 \$898 \$898 \$460 \$6,767	\$868 \$3,236 \$434 \$898 \$898 \$468	\$876 \$3,252 \$438 \$898 \$898 \$476 \$6,839	\$884 \$3,268 \$442 \$898 \$898 \$484 \$6,875	\$10,080 \$38,160 \$5,040 \$10,780 \$5,280 \$80,119
OPERATIONS OPERATOR COST VEHICLE & EQUIPMENT COST CUSTOMER BILLING COST ELECTRICITY CHEMICAL COST SLUDGE DISPOSAL COST TAP MAT'L & FIELD LABOR COST REPAIR COSTS CONTRIBUTION TO RESERVE ACCT MONTHLY O & M COST	\$1,592 \$1,138 \$1,138 \$1,488 \$496 \$0 \$8,500 \$1,437 \$1,437	\$1,608 \$1,162 \$1,162 \$1,512 \$504 \$0 \$8,500 \$1,437 \$1,437	\$1,624 \$1,186 \$1,186 \$1,536 \$512 \$0 \$8,500 \$1,437 \$1,437	\$1,640 \$1,210 \$1,210 \$1,560 \$520 \$0 \$8,500 \$1,437 \$1,437	\$1,656 \$1,234 \$1,234 \$1,584 \$528 \$0 \$8,500 \$1,437 \$1,437	\$1,672 \$1,258 \$1,258 \$1,608 \$536 \$0 \$8,500 \$1,437 \$1,437	\$1,688 \$1,282 \$1,282 \$1,632 \$544 \$0 \$8,500 \$1,437 \$1,437	\$1,704 \$1,306 \$1,306 \$1,656 \$552 \$0 \$8,500 \$1,437 \$1,437	\$1,720 \$1,330 \$1,330 \$1,680 \$560 \$0 \$8,500 \$1,437 \$1,437	\$1,736 \$1,354 \$1,354 \$1,704 \$568 \$0 \$8,500 \$1,437 \$1,437 \$18,091	\$1,752 \$1,378 \$1,378 \$1,728 \$576 \$0 \$8,500 \$1,437 \$1,437 \$18,187	\$1,768 \$1,402 \$1,402 \$1,752 \$584 \$0 \$8,500 \$1,437 \$1,437 \$18,283	\$20,160 \$15,240 \$15,240 \$19,440 \$6,480 \$0 \$102,000 \$17,247 \$17,247 \$213,055
TOTAL MONTHLY EXPENSE  NET INCOME OR EXPENSE/MONTH	\$23,705 \$6,398	\$23,837 \$6,413	\$23,969 \$7,867	\$24,101 \$9,738	\$24,233 \$11,780	\$24,365 \$13,024	\$24,497 \$13,854	\$24,629 \$14,381	\$24,761 \$13,501	\$24,893 \$13,530	\$25,025 \$11,101	\$25,157 \$10,922	\$293,174 \$132,510

### FISCAL YEAR 5

TOTAL ON-LINE EQUIVALENT CONN	J <b>AN</b> 392	FEB 400	<b>MAR</b> 408	<b>APR</b> 416	<b>MAY</b> 424	JUN 432	JUL 440	AUG 448	<b>SEP</b> 456	OCT 464	NOV 472	DEC 480	TOTAL 5,232
Seasonal Multiplier, mo avg/ annual avg	0 65	0 65	0 75	1 00	1 20	1 35	1 35	1 35	1 20	1 10	0 75	0 65	12.00
Monthly Water Use/Customer, Gal	4,534	4,095	5,231	6,750	8,370	9,113	9,416	9,416	8,100	7,673	5,063	4,534	
Monthly Water Use in Base Rate, Gal	-	-	-	-	-	-	-	-	-	-	-	-	
Monthly Water Use Subject to Surcharge, Ga	4,534	4,095	5,231	6,750	8,370	9,113	9,416	9,416	8,100	7,673	5,063	4,534	
,,,,,,	\$ 68 60	\$ 67 29	\$ 70 69	\$ 75 25	\$ 80 11	\$ 82 34	\$ 83 25	\$ 83 25	\$ 79 30	\$ 78 02	\$ 70 19	\$ 68 60	\$ 906.88
Monthly Sewer Use in Base Rate, Gal	-	-	-	-	-	-	-	-	-	-	-	-	
Monthly Sewer Use Subject to Sewer Charge	4,534	4,095	5,231	6,750	8,370	9,113	9,416	9,416	8,100	7,673	5,063	4,534	
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
Monthly Water Bill, \$	\$ 68 60	\$ 67 29	\$ 70 69	\$ 75 25	\$ 80 11	\$ 82 34	\$ 83 25	\$ 83 25	\$ 79 30	\$ 78 02	\$ 70 19	7	\$ 906.88
Total Monthly Water Pumped, Gal	1,777,230	1,638,000	2,134,350	2,808,000	3,548,880	3,936,600	4,143,150	4,218,480	3,693,600	3,560,040	2,389,500	2,176,200	36,024,030
GROSS WATER/SEWER USE INCOME	\$26,892	\$26,914	\$28,843	\$31,304	\$33,967	\$35,570	\$36,629	\$37,295	\$36,161	\$36,200	\$33,129	\$32,929	\$395,832
RESERVE FOR BAD DEBTS	\$269	\$269	\$288	\$313	\$340	\$356	\$366	\$373	\$362	\$362	\$331	\$329	\$3,958
WATER/SEWER INCOME (ADJUSTED)	\$26,623	\$26,645	\$28,555	\$30,991	\$33,627	\$35,214	\$36,263	\$36,922	\$35,799	\$35,838	\$32,797	\$32,599	\$391,874
TAP FEE INCOME	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$120,000
TOTAL MONTHLY INCOME	\$36,623	\$36,645	\$38,555	\$40,991	\$43,627	\$45,214	\$46,263	\$46,922	\$45,799	\$45,838	\$42,797	\$42,599	\$511,874
EXPENSE													
GENERAL & ADMINISTRATIVE													
OFFICE EXPENSE	\$892	\$900	\$908	\$916	\$924	\$932	\$940	\$948	\$956	\$964	\$972	\$980	\$11,232
EMPLOYEE SALARIES	\$3,284	\$3,300	\$3,316	\$3,332	\$3,348	\$3,364	\$3.380	\$3,396	\$3,412	\$3.428	\$3,444	\$3,460	\$40,464
PROFESSIONAL FEES	\$446	\$450	\$454	\$458	\$462	\$466	\$470	\$474	\$478	\$482	\$486	\$490	\$5,616
INSURANCE	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$10,780
ADVALOREM TAXES	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$898	\$10,780
TCEQ PERMIT FEES	\$492	\$500	\$508	\$516	\$524	\$532	\$540	\$548	\$556	\$564	\$572	\$580	\$6,432
TOTAL G&A	\$6,911	\$6,947	\$6,983	\$7,019	\$7.055	\$7,091	\$7,127	\$7,163	\$7,199	\$7,235	\$7,271	\$7,307	\$85,303
OPERATIONS	• - • - •	, .,.		*****	, , , , , , ,	*	,	*.,	* - ,	*.,	*.,	*.,	\$0
OPERATOR COST	\$1,784	\$1.800	\$1,816	\$1,832	\$1,848	\$1,864	\$1,880	\$1,896	\$1,912	\$1,928	\$1,944	\$1.960	\$22,464
VEHICLE & EQUIPMENT COST	\$1,426	\$1,450	\$1,474	\$1,498	\$1,522	\$1,546	\$1,570	\$1,594	\$1,618	\$1,642	\$1,666	\$1,690	\$18,696
CUSTOMER BILLING COST	\$1,426	\$1,450	\$1,474	\$1,498	\$1,522	\$1,546	\$1,570	\$1,594	\$1,618	\$1,642	\$1,666	\$1.690	\$18,696
ELECTRICITY	\$1,776	\$1,800	\$1,824	\$1,848	\$1.872	\$1,896	\$1,920	\$1,944	\$1,968	\$1.992	\$2,016	\$2,040	\$22,896
CHEMICAL COST	\$592	\$600	\$608	\$616	\$624	\$632	\$640	\$648	\$656	\$664	\$672	\$680	\$7,632
SLUDGE DISPOSAL COST	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TAP MAT'L & FIELD LABOR COST	\$8,500	\$8.500	\$8,500	\$8,500	\$8,500	\$8,500	\$8.500	\$8,500	\$8,500	\$8.500	\$8,500	\$8,500	\$102,000
REPAIR COSTS	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$17,247
CONTRIBUTION TO RESERVE ACCT	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$1,437	\$17,247
MONTHLY O & M COST	\$18,379	\$18,475	\$18,571	\$18,667	\$18,763	\$18,859	\$18,955	\$19,051	\$19,147	\$19,243	\$19,339	\$19,435	\$226,879
TOTAL MONTHLY EXPENSE	\$25,289	\$25,421	\$25,553	\$25,685	\$25,817	\$25,949	\$26,081	\$26,213	\$26,345	\$26,477	\$26,609	\$26,741	\$312,182
NET INCOME OR EXPENSE/MONTH	\$11,334	\$11,224	\$13,001	\$15,306	\$17,810	\$19,265	\$20,182	\$20,709	\$19,454	\$19,361	\$16,188	\$15,858	\$199,692

### SUMMARY OF INCOME & EXPENSE FOR TCEQ WATER CCN APPLICATION FOR REPUBLIC GRAND RANCH SUBDIVISION BY DOS AGUAS LLC

### PROJECTED INCOME & EXPENSE PROJECTIONS

			DECE	MBER 31		
	FY 0	FY 1	FY 2	FY 3	FY 4	FY 5
AVERAGE NUMBER OF CUSTOMERS	0	52	148	244	340	436
TOTAL ANNUAL WATER USE, 1000 GAL	0	4,423,230	12,323,430	20,223,630	28,123,830	36,024,030
WATER/SEWER USE INCOME (ADJUSTED)	\$0	\$47,114	\$133,304	\$219,494	\$305.684	\$391.874
TAP FEE INCOME	\$0	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000
TOTAL ANNUAL INCOME	\$0	\$167,114	\$253,304	\$339,494	\$425,684	\$511,874
EXPENSE						
GENERAL & ADMINISTRATIVE						
OFFICE EXPENSE	\$0	\$6,624	\$7,776	\$8,928	\$10,080	\$11,232
EMPLOYEE SALARIES	\$0	\$31,248	\$33,552	\$35,856	\$38,160	\$40,464
PROFESSIONAL FEES	\$0	\$3,312	\$3,888	\$4,464	\$5,040	\$5,616
INSURANCE	\$0	\$10,780	\$10,780	\$10,780	\$10,780	\$10,780
ADVALOREM TAXES	\$0	\$10,780	\$10,780	\$10,780	\$10,780	\$10,780
TCEQ PERMIT FEES	\$0	\$1,824	\$2,976	\$4,128	\$5,280	\$6,432
TOTAL G&A	\$0	\$64,567	\$69,751	\$74,935	\$80,119	\$85,303
OPERATIONS						
OPERATOR COST	\$0	\$13,248	\$15,552	\$17,856	\$20,160	\$22,464
VEHICLE & EQUIPMENT COST	\$0	\$4,872	\$8,328	\$11,784	\$15,240	\$18,696
CUSTOMER BILLING COST	\$0	\$4,872	\$8,328	\$11,784	\$15,240	\$18,696
ELECTRICITY	\$0	\$9,072	\$12,528	\$15,984	\$19,440	\$22,896
CHEMICAL COST	\$0	\$3,024	\$4,176	\$5,328	\$6,480	\$7,632
SLUDGE DISPOSAL COST	\$0	\$0	\$0	\$0	\$0	\$0
TAP MAT'L & FIELD LABOR COST	\$0	\$102,000	\$102,000	\$102,000	\$102,000	\$102,000
REPAIR COSTS	\$0	\$17,247	\$17,247	\$17,247	\$17,247	\$17,247
CONTRIBUTION TO RESERVE ACCT	\$0	\$17,247	\$17,247	\$17,247	\$17,247	\$17,247
TOTAL OPERATING COST	\$0	\$171,583	\$185,407	\$199,231	\$213,055	\$226,879
TOTAL MONTHLY EXPENSE	\$0	\$236,150	\$255,158	\$274,166	\$293,174	\$312,182
INCOME (LOSS) BEFORE DEPRECIATION	\$0	(\$69,036)	(\$1,854)	\$65,328	\$132,510	\$199,692
DEPRECIATION	\$0	\$29,943	\$29,943	\$29,943	\$29,943	\$29,943
NET INCOME (LOSS)	\$0	(\$98,979)	(\$31,797)	\$35,385	\$102,567	\$169,749

# PROJECTED BALANCE SHEET

	FY 0	FY 1	FY 2	FY 3	FY 4	FY 5
ASSETS						
CASH (CHECKING)	\$75,000	\$5,964	\$29,110	\$49,438	\$126,947	\$326,639
RESERVE ACCOUNT	\$0	\$17,247	\$34,495	\$51,742	\$68,989	\$86,237
ACCOUNTS RECEIVABLE	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL CURRENT ASSETS	\$75,000	\$23,211	\$63,604	\$101,180	\$195,937	\$412,876
PROPERTY AND EQUIPMENT						
WATER PLANT	\$0	\$1,437,280	\$1,437,280	\$1,437,280	\$1,437,280	\$1,437,280
WASTEWATER PLANT	\$0	\$0	\$0	\$0	\$0	\$0
WATER DISTRIBUTION LINES	\$0	\$0	\$0	\$0	\$0	\$0
SEWAGE COLLECTION LINES	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROPERTY AND EQUIPMENT	\$0	\$1,437,280	\$1,437,280	\$1,437,280	\$1,437,280	\$1,437,280
LESS ACCUMULATED DEPRECIATION	\$0	\$29,943	\$59.887	\$89,830	\$119,773	\$149.717
TOTAL PROPERTY & EQUIPMENT, NET	\$0	\$1,407,337	\$1,377,393	\$1,347,450	\$1,317,507	\$1,287,563
TOTAL ASSETS	\$75,000	\$1,430,548	\$1,440,998	\$1,448,630	\$1,513,444	\$1,700,439
RETURN ON INVESTED CAPITAL ASSETS, %		-7.03%	-2.31%	2.63%	7.78%	13.18%
LIABILITIES AND CAPITAL						
LIABILITIES						
ACCOUNTS PAYABLE	\$0	\$0	\$0	\$0	\$0	\$0
SHORT TERM DEBT	\$75,000	\$75,000	\$100,000	\$55,000	\$0	\$0
ACCRUED RESERVES	\$0	\$17,247	\$34,495	\$51,742	\$68,989	\$86,237
LONG TERM DEBT	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL LIABILITIES	\$75,000	\$92,247	\$134,495	\$106,742	\$68,989	\$86,237
OWNER/STOCKHOLDER EQUITY						
COMMON STOCK	\$0	\$1,437,280	\$1,437,280	\$1,437,280	\$1,437,280	\$1,437,280
RETAINED EARNINGS (CUMMULATIVE)	\$0	\$0	(\$98,979)	(\$130,777)	(\$95,392)	\$7,174
NET INCOME	\$0	(\$98,979)	(\$31,797)	\$35,385	\$102,567	\$169,749
TOTAL CAPITAL	\$0	\$1,338,301	\$1,306,503	\$1,341,888	\$1,444,454	\$1,614,203
TOTAL LIABILITIES + CAPITAL	\$75,000	\$1,430,548	\$1,440,998	\$1,448,630	\$1,513,444	\$1,700,439

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