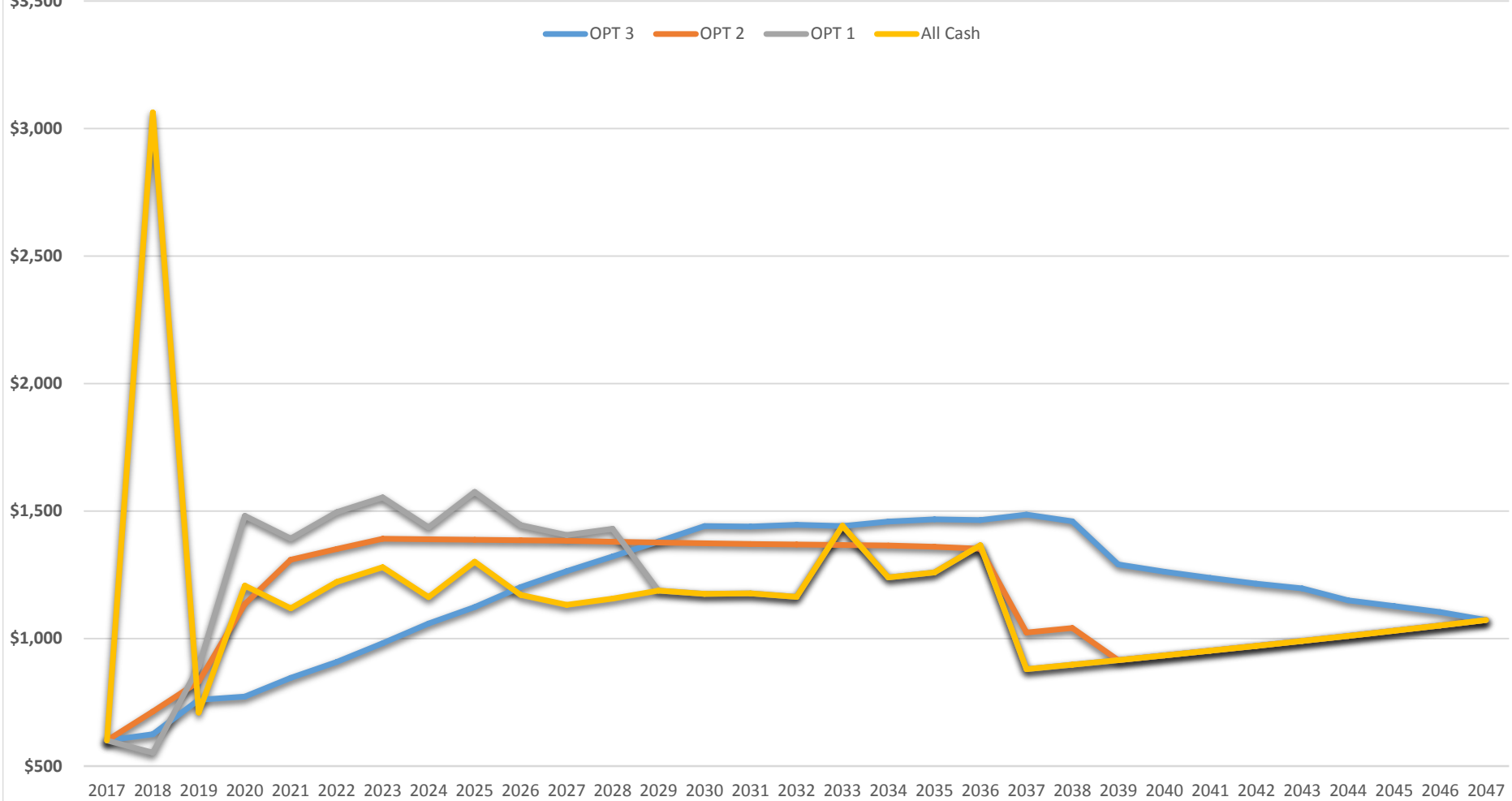


Comparison of options

	Cash	Option 1	Option2	Option 3
\$600 Model Customer	\$ 35,827	\$ 35,960	\$ 36,170	\$ 36,589
20 year Cost of Capital	\$ 30,094,725	\$ 30,466,894	\$ 31,050,597	\$ 32,018,291
30 year total cost of plant	\$ 101,403,332	\$ 101,775,500	\$ 102,359,203	\$ 103,526,898

Comparison chart of future bill for a customer in 2017 whose bill was \$600



All Cash Pay cash as you go

Option 1 Finance CAR, and 2017, 2018, and 2019 of work outlined in Remington & Vernick - pay remaining in cash as occurs

Option 2 Finance CAR, and 2017, 2018, and 2019 of work outlined in Remington & Vernick - pay remaining by building a capital 'bank' to level the chart

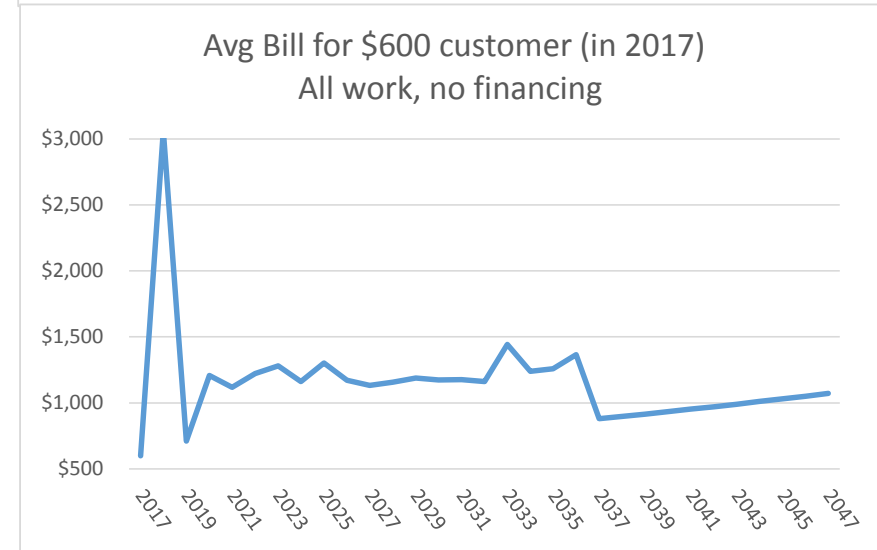
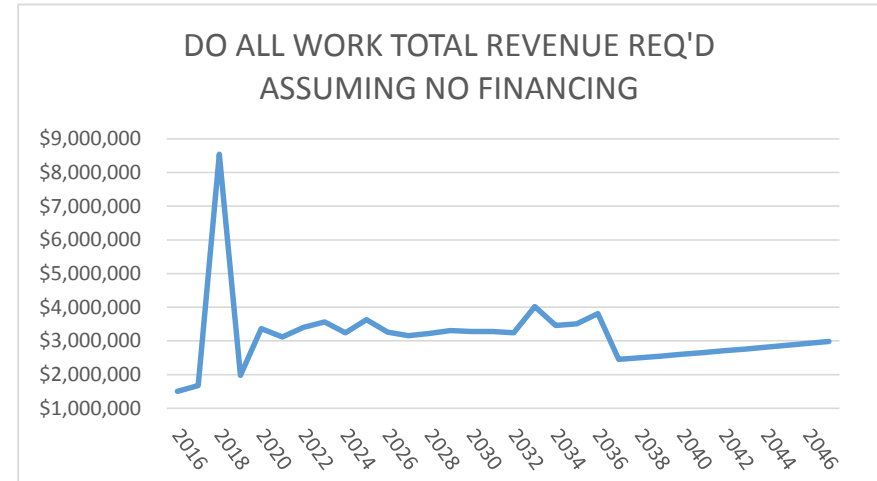
Option 3 Finance CAR, and 2017, 2018, and 2019 of work outlined in Remington & Vernick - then finance remaining work annually

Long Hill Township
Wastewater Budget Scenarios
All Cash

Assumptions:
Baseline rate and chem costs increase 2% per annum

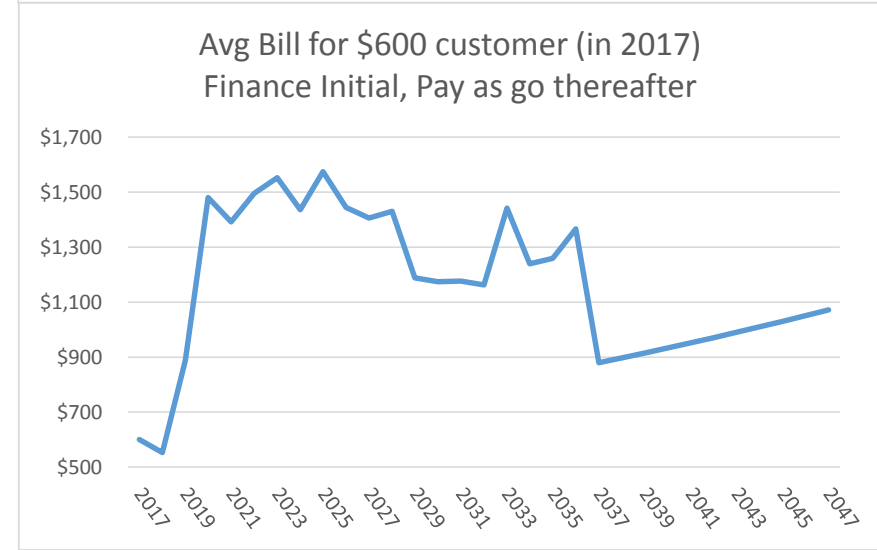
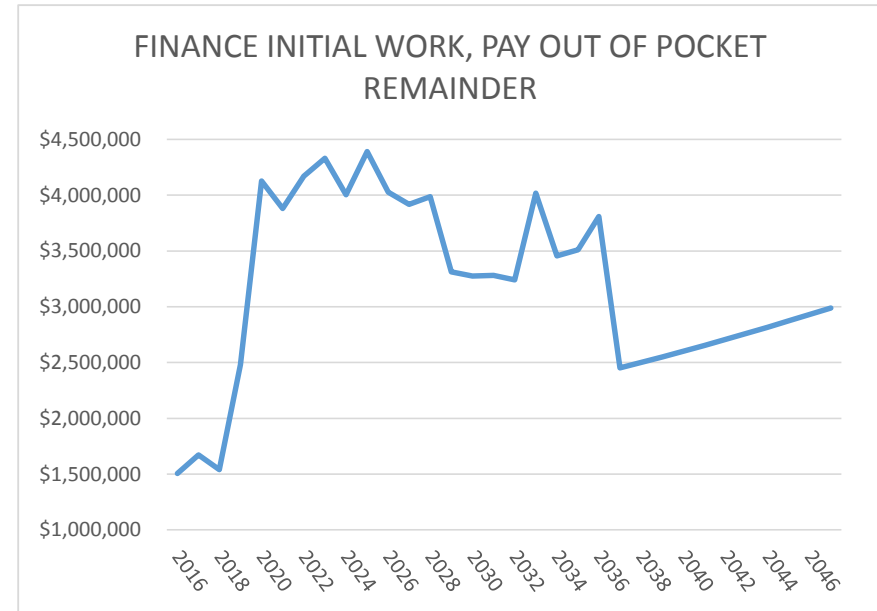
AVG 2017 BILL \$ 600.00
(for comparison ONLY)

YEAR	Base rate	P Chem cost	I&I	Other Capital	CAR	TOTAL EXPENSES	+ / -	Avg Bill
2016	\$ 1,506,727					\$ 1,506,727		
2017	\$ 1,672,986					\$ 1,672,986	11.0%	\$ 600
2018	\$ 1,539,763		\$ 2,440,992	\$ 1,024,239	\$ 3,533,683	\$ 8,538,677	410.4%	\$ 3,062
2019	\$ 1,570,558	\$ 146,000		\$ 262,998		\$ 1,979,556	-76.8%	\$ 710
2020	\$ 1,601,969	\$ 148,920	\$ 813,664	\$ 800,000		\$ 3,364,553	70.0%	\$ 1,207
2021	\$ 1,634,009	\$ 151,898	\$ 813,664	\$ 518,067		\$ 3,117,638	-7.3%	\$ 1,118
2022	\$ 1,666,689	\$ 154,936	\$ 813,664	\$ 771,814		\$ 3,407,103	9.3%	\$ 1,222
2023	\$ 1,700,023	\$ 158,035	\$ 813,664	\$ 894,723		\$ 3,566,445	4.7%	\$ 1,279
2024	\$ 1,734,023	\$ 161,196	\$ 813,664	\$ 531,283		\$ 3,240,166	-9.1%	\$ 1,162
2025	\$ 1,768,704	\$ 164,420	\$ 813,664	\$ 881,507		\$ 3,628,294	12.0%	\$ 1,301
2026	\$ 1,804,078	\$ 167,708	\$ 813,664	\$ 478,419		\$ 3,263,869	-10.0%	\$ 1,171
2027	\$ 1,840,159	\$ 171,062	\$ 813,664	\$ 330,400		\$ 3,155,286	-3.3%	\$ 1,132
2028	\$ 1,876,963	\$ 174,484	\$ 813,664	\$ 359,475		\$ 3,224,585	2.2%	\$ 1,156
2029	\$ 1,914,502	\$ 177,973	\$ 813,664	\$ 405,731		\$ 3,311,870	2.7%	\$ 1,188
2030	\$ 1,952,792	\$ 181,533	\$ 813,664	\$ 326,435		\$ 3,274,423	-1.1%	\$ 1,174
2031	\$ 1,991,848	\$ 185,163	\$ 813,664	\$ 290,752		\$ 3,281,427	0.2%	\$ 1,177
2032	\$ 2,031,685	\$ 188,867	\$ 813,664	\$ 207,491		\$ 3,241,706	-1.2%	\$ 1,163
2033	\$ 2,072,318	\$ 192,644	\$ 813,664	\$ 940,979		\$ 4,019,605	24.0%	\$ 1,442
2034	\$ 2,113,765	\$ 196,497	\$ 813,664	\$ 333,043		\$ 3,456,968	-14.0%	\$ 1,240
2035	\$ 2,156,040	\$ 200,427	\$ 813,664	\$ 339,651		\$ 3,509,782	1.5%	\$ 1,259
2036	\$ 2,199,161	\$ 204,435	\$ 813,664	\$ 590,755		\$ 3,808,015	8.5%	\$ 1,366
2037	\$ 2,243,144	\$ 208,524				\$ 2,451,668	-35.6%	\$ 879
2038	\$ 2,288,007	\$ 212,694				\$ 2,500,701	2.0%	\$ 897
2039	\$ 2,333,767	\$ 216,948				\$ 2,550,715	2.0%	\$ 915
2040	\$ 2,380,442	\$ 221,287				\$ 2,601,730	2.0%	\$ 933
2041	\$ 2,428,051	\$ 225,713				\$ 2,653,764	2.0%	\$ 952
2042	\$ 2,476,612	\$ 230,227				\$ 2,706,839	2.0%	\$ 971
2043	\$ 2,526,144	\$ 234,832				\$ 2,760,976	2.0%	\$ 990
2044	\$ 2,576,667	\$ 239,528				\$ 2,816,196	2.0%	\$ 1,010
2045	\$ 2,628,201	\$ 244,319				\$ 2,872,520	2.0%	\$ 1,030
2046	\$ 2,680,765	\$ 249,205				\$ 2,929,970	2.0%	\$ 1,051
2047	\$ 2,734,380	\$ 254,190				\$ 2,988,569	2.0%	\$ 1,072
						\$ 101,403,332		\$ 35,827
						\$ 30,094,725	< TOTAL COST OF CAPITAL	
								TOTAL BILL



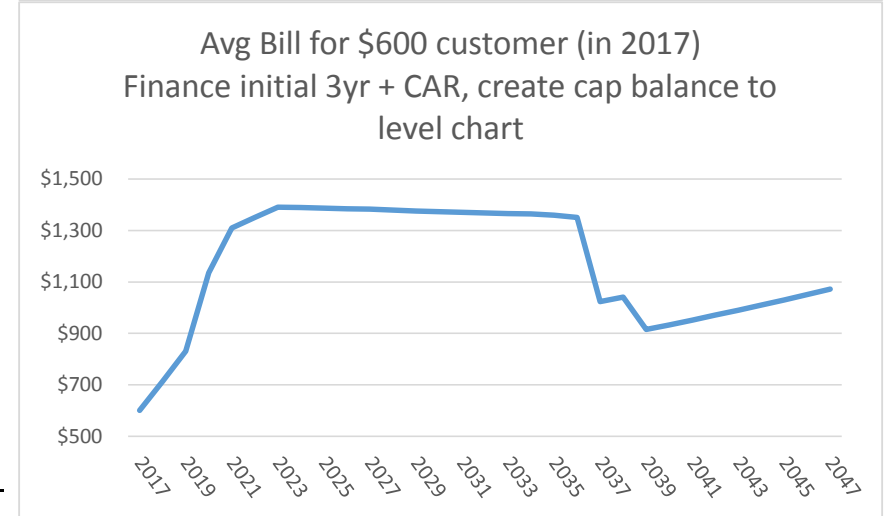
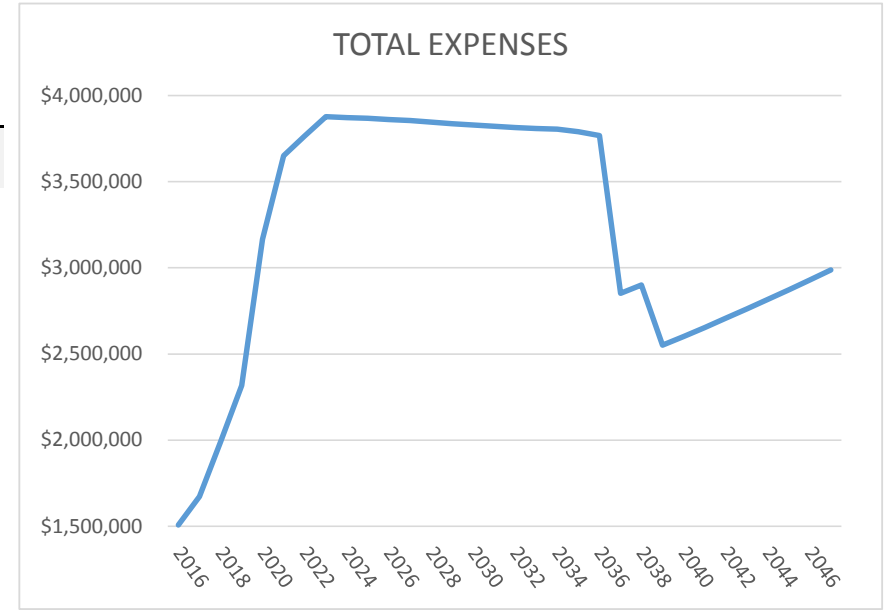
OPT 1 IN 2018: FINANCE (CAR) AND (2017/2018/2019 I&I and other capital as per Remington Vernick)
\$ 7,261,912 @ 1% for 10 years = \$763,408 per annum

YEAR	Base rate	P Chem cost	I&I	Other Capital	Deb Service ('17, '18, '19)	TOTAL EXPENSES	+ / -	Avg Bill
2016	\$ 1,506,727					\$ 1,506,727		
2017	\$ 1,672,986					\$ 1,672,986	11.0%	\$ 600
2018	\$ 1,539,763					\$ 1,539,763	-8.0%	\$ 552
2019	\$ 1,570,558	\$ 146,000			\$ 763,408	\$ 2,479,966	61.1%	\$ 889
2020	\$ 1,601,969	\$ 148,920	\$ 813,664	\$ 800,000	\$ 763,408	\$ 4,127,962	66.5%	\$ 1,480
2021	\$ 1,634,009	\$ 151,898	\$ 813,664	\$ 518,067	\$ 763,408	\$ 3,881,046	-6.0%	\$ 1,392
2022	\$ 1,666,689	\$ 154,936	\$ 813,664	\$ 771,814	\$ 763,408	\$ 4,170,511	7.5%	\$ 1,496
2023	\$ 1,700,023	\$ 158,035	\$ 813,664	\$ 894,723	\$ 763,408	\$ 4,329,853	3.8%	\$ 1,553
2024	\$ 1,734,023	\$ 161,196	\$ 813,664	\$ 531,283	\$ 763,408	\$ 4,003,574	-7.5%	\$ 1,436
2025	\$ 1,768,704	\$ 164,420	\$ 813,664	\$ 881,507	\$ 763,408	\$ 4,391,702	9.7%	\$ 1,575
2026	\$ 1,804,078	\$ 167,708	\$ 813,664	\$ 478,419	\$ 763,408	\$ 4,027,277	-8.3%	\$ 1,444
2027	\$ 1,840,159	\$ 171,062	\$ 813,664	\$ 330,400	\$ 763,408	\$ 3,918,694	-2.7%	\$ 1,405
2028	\$ 1,876,963	\$ 174,484	\$ 813,664	\$ 359,475	\$ 763,408	\$ 3,987,993	1.8%	\$ 1,430
2029	\$ 1,914,502	\$ 177,973	\$ 813,664	\$ 405,731		\$ 3,311,870	-17.0%	\$ 1,188
2030	\$ 1,952,792	\$ 181,533	\$ 813,664	\$ 326,435		\$ 3,274,423	-1.1%	\$ 1,174
2031	\$ 1,991,848	\$ 185,163	\$ 813,664	\$ 290,752		\$ 3,281,427	0.2%	\$ 1,177
2032	\$ 2,031,685	\$ 188,867	\$ 813,664	\$ 207,491		\$ 3,241,706	-1.2%	\$ 1,163
2033	\$ 2,072,318	\$ 192,644	\$ 813,664	\$ 940,979		\$ 4,019,605	24.0%	\$ 1,442
2034	\$ 2,113,765	\$ 196,497	\$ 813,664	\$ 333,043		\$ 3,456,968	-14.0%	\$ 1,240
2035	\$ 2,156,040	\$ 200,427	\$ 813,664	\$ 339,651		\$ 3,509,782	1.5%	\$ 1,259
2036	\$ 2,199,161	\$ 204,435	\$ 813,664	\$ 590,755		\$ 3,808,015	8.5%	\$ 1,366
2037	\$ 2,243,144	\$ 208,524				\$ 2,451,668	-35.6%	\$ 879
2038	\$ 2,288,007	\$ 212,694				\$ 2,500,701	2.0%	\$ 897
2039	\$ 2,333,767	\$ 216,948				\$ 2,550,715	2.0%	\$ 915
2040	\$ 2,380,442	\$ 221,287				\$ 2,601,730	2.0%	\$ 933
2041	\$ 2,428,051	\$ 225,713				\$ 2,653,764	2.0%	\$ 952
2042	\$ 2,476,612	\$ 230,227				\$ 2,706,839	2.0%	\$ 971
2043	\$ 2,526,144	\$ 234,832				\$ 2,760,976	2.0%	\$ 990
2044	\$ 2,576,667	\$ 239,528				\$ 2,816,196	2.0%	\$ 1,010
2045	\$ 2,628,201	\$ 244,319				\$ 2,872,520	2.0%	\$ 1,030
2046	\$ 2,680,765	\$ 249,205				\$ 2,929,970	2.0%	\$ 1,051
2047	\$ 2,734,380	\$ 254,190				\$ 2,988,569	2.0%	\$ 1,072
			\$ 13,832,288	\$ 9,000,525	\$ 7,634,081	\$ 101,775,500		\$ 35,960
			\$ 30,466,894	< TOTAL COST OF CAPITAL				TOTAL BILL



**OPT 2 ATTEMPT TO EQUALIZE OTHER CAPITAL EXPENSE AND FLATTEN CHART BY CREATING A CAPITAL BALANCE ACCOUNT
 IN 2018: FINANCE (CAR) AND (2017/2018/2019 I&I and other capital as per Remington Vernick)
 \$ 7,261,912 @ 1% for 20 years = \$400,765 per annum**

YEAR	Base rate	P Chem cost	I&I	Other Capital	Annual Capital Charge	Deb Service ('17, '18, '19)	TOTAL EXPENSES	+ / -	Avg Bill	Capital Balance
2016	\$ 1,506,727						\$ 1,506,727			
2017	\$ 1,672,986						\$ 1,672,986	11.0%	\$ 600	
2018	\$ 1,539,763				\$ 450,000		\$ 1,989,763	18.9%	\$ 714	\$450,000
2019	\$ 1,570,558	\$ 146,000			\$ 200,000	\$ 400,765	\$ 2,317,324	16.5%	\$ 831	\$650,000
2020	\$ 1,601,969	\$ 148,920	\$ 813,664	\$ 800,000	\$ 200,000	\$ 400,765	\$ 3,165,319	36.6%	\$ 1,135	\$50,000
2021	\$ 1,634,009	\$ 151,898	\$ 813,664	\$ 518,067	\$ 650,000	\$ 400,765	\$ 3,650,337	15.3%	\$ 1,309	\$181,933
2022	\$ 1,666,689	\$ 154,936	\$ 813,664	\$ 771,814	\$ 730,000	\$ 400,765	\$ 3,766,055	3.2%	\$ 1,351	\$140,119
2023	\$ 1,700,023	\$ 158,035	\$ 813,664	\$ 894,723	\$ 805,000	\$ 400,765	\$ 3,877,487	3.0%	\$ 1,391	\$50,396
2024	\$ 1,734,023	\$ 161,196	\$ 813,664	\$ 531,283	\$ 763,000	\$ 400,765	\$ 3,872,648	-0.1%	\$ 1,389	\$282,113
2025	\$ 1,768,704	\$ 164,420	\$ 813,664	\$ 881,507	\$ 720,000	\$ 400,765	\$ 3,867,553	-0.1%	\$ 1,387	\$120,606
2026	\$ 1,804,078	\$ 167,708	\$ 813,664	\$ 478,419	\$ 675,000	\$ 400,765	\$ 3,861,215	-0.2%	\$ 1,385	\$317,187
2027	\$ 1,840,159	\$ 171,062	\$ 813,664	\$ 330,400	\$ 630,000	\$ 400,765	\$ 3,855,651	-0.1%	\$ 1,383	\$616,787
2028	\$ 1,876,963	\$ 174,484	\$ 813,664	\$ 359,475	\$ 580,000	\$ 400,765	\$ 3,845,875	-0.3%	\$ 1,379	\$837,312
2029	\$ 1,914,502	\$ 177,973	\$ 813,664	\$ 405,731	\$ 530,000	\$ 400,765	\$ 3,836,904	-0.2%	\$ 1,376	\$961,581
2030	\$ 1,952,792	\$ 181,533	\$ 813,664	\$ 326,435	\$ 480,000	\$ 400,765	\$ 3,828,754	-0.2%	\$ 1,373	\$1,115,146
2031	\$ 1,991,848	\$ 185,163	\$ 813,664	\$ 290,752	\$ 430,000	\$ 400,765	\$ 3,821,440	-0.2%	\$ 1,371	\$1,254,394
2032	\$ 2,031,685	\$ 188,867	\$ 813,664	\$ 207,491	\$ 380,000	\$ 400,765	\$ 3,814,981	-0.2%	\$ 1,368	\$1,426,903
2033	\$ 2,072,318	\$ 192,644	\$ 813,664	\$ 940,979	\$ 330,000	\$ 400,765	\$ 3,809,392	-0.1%	\$ 1,366	\$815,924
2034	\$ 2,113,765	\$ 196,497	\$ 813,664	\$ 333,043	\$ 280,000	\$ 400,765	\$ 3,804,691	-0.1%	\$ 1,365	\$762,881
2035	\$ 2,156,040	\$ 200,427	\$ 813,664	\$ 339,651	\$ 220,000	\$ 400,765	\$ 3,790,896	-0.4%	\$ 1,360	\$643,230
2036	\$ 2,199,161	\$ 204,435	\$ 813,664	\$ 590,755	\$ 150,000	\$ 400,765	\$ 3,768,025	-0.6%	\$ 1,351	\$202,475
2037	\$ 2,243,144	\$ 208,524				\$ 400,765	\$ 2,852,433	-24.3%	\$ 1,023	\$202,475
2038	\$ 2,288,007	\$ 212,694				\$ 400,765	\$ 2,901,467	1.7%	\$ 1,041	\$202,475
2039	\$ 2,333,767	\$ 216,948					\$ 2,550,715	-12.1%	\$ 915	\$202,475
2040	\$ 2,380,442	\$ 221,287					\$ 2,601,730	2.0%	\$ 933	\$202,475
2041	\$ 2,428,051	\$ 225,713					\$ 2,653,764	2.0%	\$ 952	\$202,475
2042	\$ 2,476,612	\$ 230,227					\$ 2,706,839	2.0%	\$ 971	\$202,475
2043	\$ 2,526,144	\$ 234,832					\$ 2,760,976	2.0%	\$ 990	\$202,475
2044	\$ 2,576,667	\$ 239,528					\$ 2,816,196	2.0%	\$ 1,010	\$202,475
2045	\$ 2,628,201	\$ 244,319					\$ 2,872,520	2.0%	\$ 1,030	\$202,475
2046	\$ 2,680,765	\$ 249,205					\$ 2,929,970	2.0%	\$ 1,051	\$202,475
2047	\$ 2,734,380	\$ 254,190					\$ 2,988,569	2.0%	\$ 1,072	\$202,475
			\$ 13,832,288		\$ 9,203,000	\$ 8,015,309	\$ 102,359,203		\$ 36,170	
			\$ 31,050,597	< TOTAL COST OF CAPITAL					TOTAL BILL	

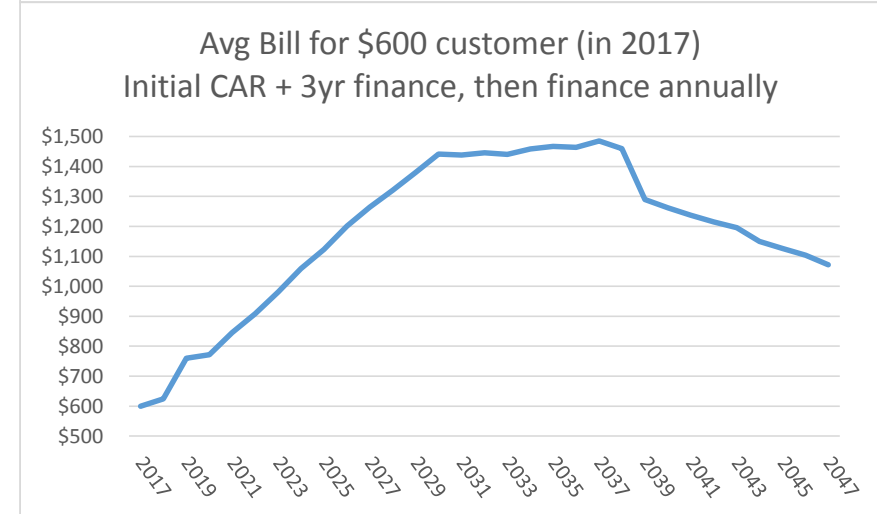
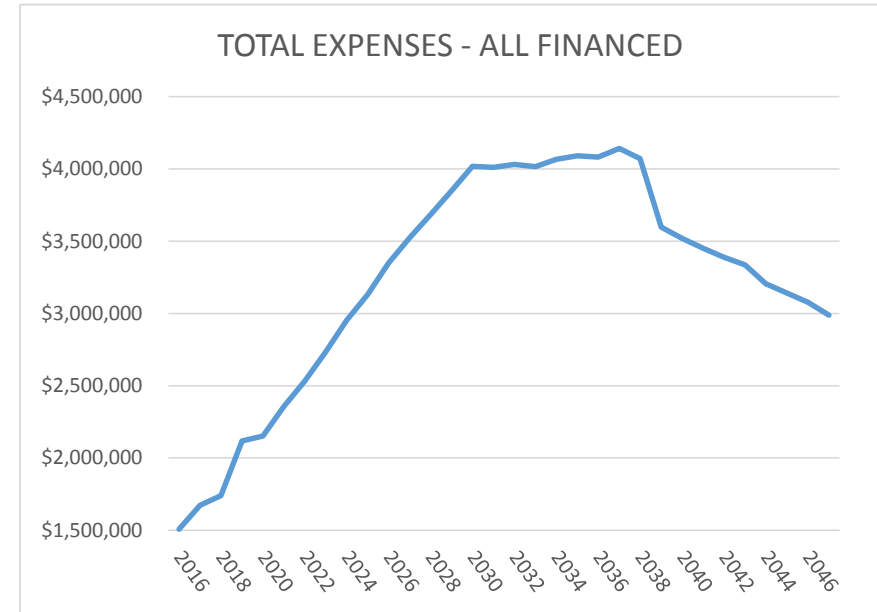


OPT 3 IN 2018: FINANCE (CAR) AND (2017/2018/2019 I&I and other capital as per Remington Vernick)

1% In following years finance ALL other I&I capital *** ASSUMES BORROWING RATE NEVER CHANGES FOR NEXT 20 YEARS ***

\$ 7,261,912 @ 1% for 20 years = \$400,765 per annum

YEAR	Base rate	P Chem cost	I&I	Other Capital ^	Other Debt	Deb Service ('17, '18, '19)	TOTAL EXPENSES	+ / -	Avg Bill
2016	\$ 1,506,727						\$ 1,506,727		
2017	\$ 1,672,986						\$ 1,672,986	11.0%	\$ 600
2018	\$ 1,539,763			\$ 200,000			\$ 1,739,763	4.0%	\$ 624
2019	\$ 1,570,558	\$ 146,000		\$ -		\$ 400,765	\$ 2,117,324	21.7%	\$ 759
2020	\$ 1,601,969	\$ 148,920	\$ 813,664	\$ 800,000	\$ -	\$ 400,765	\$ 2,151,655	1.6%	\$ 772
2021	\$ 1,634,009	\$ 151,898	\$ 813,664	\$ 518,067	\$ 169,636	\$ 400,765	\$ 2,356,309	9.5%	\$ 845
2022	\$ 1,666,689	\$ 154,936	\$ 813,664	\$ 771,814	\$ 309,634	\$ 400,765	\$ 2,532,025	7.5%	\$ 908
2023	\$ 1,700,023	\$ 158,035	\$ 813,664	\$ 894,723	\$ 476,308	\$ 400,765	\$ 2,735,131	8.0%	\$ 981
2024	\$ 1,734,023	\$ 161,196	\$ 813,664	\$ 531,283	\$ 655,902	\$ 400,765	\$ 2,951,886	7.9%	\$ 1,059
2025	\$ 1,768,704	\$ 164,420	\$ 813,664	\$ 881,507	\$ 797,289	\$ 400,765	\$ 3,131,178	6.1%	\$ 1,123
2026	\$ 1,804,078	\$ 167,708	\$ 813,664	\$ 478,419	\$ 975,494	\$ 400,765	\$ 3,348,045	6.9%	\$ 1,201
2027	\$ 1,840,159	\$ 171,062	\$ 813,664	\$ 330,400	\$ 1,111,324	\$ 400,765	\$ 3,523,311	5.2%	\$ 1,264
2028	\$ 1,876,963	\$ 174,484	\$ 813,664	\$ 359,475	\$ 1,231,594	\$ 400,765	\$ 3,683,805	4.6%	\$ 1,321
2029	\$ 1,914,502	\$ 177,973	\$ 813,664	\$ 405,731	\$ 1,354,920	\$ 400,765	\$ 3,848,160	4.5%	\$ 1,380
2030	\$ 1,952,792	\$ 181,533	\$ 813,664	\$ 326,435	\$ 1,483,109	\$ 400,765	\$ 4,018,199	4.4%	\$ 1,441
2031	\$ 1,991,848	\$ 185,163	\$ 813,664	\$ 290,752	\$ 1,433,325	\$ 400,765	\$ 4,011,102	-0.2%	\$ 1,439
2032	\$ 2,031,685	\$ 188,867	\$ 813,664	\$ 207,491	\$ 1,409,429	\$ 400,765	\$ 4,030,746	0.5%	\$ 1,446
2033	\$ 2,072,318	\$ 192,644	\$ 813,664	\$ 940,979	\$ 1,350,105	\$ 400,765	\$ 4,015,832	-0.4%	\$ 1,440
2034	\$ 2,113,765	\$ 196,497	\$ 813,664	\$ 333,043	\$ 1,354,967	\$ 400,765	\$ 4,065,994	1.2%	\$ 1,458
2035	\$ 2,156,040	\$ 200,427	\$ 813,664	\$ 339,651	\$ 1,334,127	\$ 400,765	\$ 4,091,359	0.6%	\$ 1,467
2036	\$ 2,199,161	\$ 204,435	\$ 813,664	\$ 590,755	\$ 1,277,165	\$ 400,765	\$ 4,081,526	-0.2%	\$ 1,464
2037	\$ 2,243,144	\$ 208,524			\$ 1,288,974	\$ 400,765	\$ 4,141,407	1.5%	\$ 1,485
2038	\$ 2,288,007	\$ 212,694			\$ 1,168,704	\$ 400,765	\$ 4,070,171	-1.7%	\$ 1,460
2039	\$ 2,333,767	\$ 216,948			\$ 1,045,378		\$ 3,596,093	-11.6%	\$ 1,290
2040	\$ 2,380,442	\$ 221,287			\$ 917,189		\$ 3,518,919	-2.1%	\$ 1,262
2041	\$ 2,428,051	\$ 225,713			\$ 797,336		\$ 3,451,101	-1.9%	\$ 1,238
2042	\$ 2,476,612	\$ 230,227			\$ 681,235		\$ 3,388,074	-1.8%	\$ 1,215
2043	\$ 2,526,144	\$ 234,832			\$ 573,886		\$ 3,334,862	-1.6%	\$ 1,196
2044	\$ 2,576,667	\$ 239,528			\$ 389,429		\$ 3,205,625	-3.9%	\$ 1,150
2045	\$ 2,628,201	\$ 244,319			\$ 268,882		\$ 3,141,401	-2.0%	\$ 1,127
2046	\$ 2,680,765	\$ 249,205			\$ 147,639		\$ 3,077,610	-2.0%	\$ 1,104
2047	\$ 2,734,380	\$ 254,190			\$ -		\$ 2,988,569	-2.9%	\$ 1,072
					\$ 24,002,982	\$ 8,015,309	\$ 103,526,898		\$ 36,589
									TOTAL BILL
									\$ 32,018,291 < TOTAL COST OF CAPITAL



Description	Cost	Type	Year
Baseline operating Budget of:	\$ 1,539,763	Annual	Now
Capacity Assurance Project:			
Plant Expansion	\$ 2,764,836	Capital	2019
TP Effluent Limitation	\$ 768,847	Capital	2019
Phosphorous Chems Ongoing	\$ 146,000	Annual	2019
I&I Remediation Annual	\$ 813,664	Capital	ALL
Capital 2017	\$ 714,985	Capital	2018
Capital 2018	\$ 309,254	Capital	2019
Capital 2019	\$ 262,998	Capital	2020
Capital 2020	\$ 800,000	Capital	2021
Capital 2021	\$ 518,067	Capital	2022
Capital 2022	\$ 771,814	Capital	2023
Capital 2023	\$ 894,723	Capital	2024
Capital 2024	\$ 531,283	Capital	2025
Capital 2025	\$ 881,507	Capital	2026
Capital 2026	\$ 478,419	Capital	2027
Capital 2027	\$ 330,400	Capital	2028
Capital 2028	\$ 359,475	Capital	2029
Capital 2029	\$ 405,731	Capital	2030
Capital 2030	\$ 326,435	Capital	2031
Capital 2031	\$ 290,752	Capital	2032
Capital 2032	\$ 207,491	Capital	2033
Capital 2033	\$ 940,979	Capital	2034
Capital 2034	\$ 333,043	Capital	2035
Capital 2035	\$ 339,651	Capital	2036
Capital 2036	\$ 590,755	Capital	2037
Average Annual Capital over 20 yr	\$ 514,388		
*by performing 3 years of I&I we can maximize discount per foot			