KHO Reworked WASTEWATER: KHO WWTP Preferred Upgrade Option (3: Intermittant Decanting Aerated Lagoon) HG report Nov 2020 .

AVERAGE CAPITAL Rate - per connection	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10
Option	$ -	$ -	$ -	$ 256.00	$ 253.35	$ 250.71	$ 248.06	$ 245.42	$ 242.77	$ 240.13

OPERATING Rate per connection	Rate based on opex spend on Options
Option	

Current connections	CAPITAL	OPERATING
Connections	1,695	12764
Availability	74	
Pans	781	4141
Weighted Numbers	**2238**	**15249**

Interest Rates

Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10
0.022	0.018	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015

			Cost Estimates							Depreciation										Debt Repayment										Interest									
Asset Detail	Total Spend	Average Depreciable Life	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10
Option																																						
Inlet Works	1,368,965	15			1,368,965					0	0	0	91,264	91,264	91,264	91,264	91,264	91,264	91,264	0	0	0	68,448	68,448	68,448	68,448	68,448	68,448	68,448	0	0	0	20,534	19,508	18,481	17,454	16,428	15,401	14,374
Secondary Treatment	2,177,280	20			2,177,280					0	0	0	108,864	108,864	108,864	108,864	108,864	108,864	108,864	0	0	0	108,864	108,864	108,864	108,864	108,864	108,864	108,864	0	0	0	32,659	31,026	29,393	27,760	26,127	24,494	22,861
Tertiary Treatment	910,375	15			910,375					0	0	0	60,692	60,692	60,692	60,692	60,692	60,692	60,692	0	0	0	45,519	45,519	45,519	45,519	45,519	45,519	45,519	0	0	0	13,656	12,973	12,290	11,607	10,925	10,242	9,559
Solids Processing	1,533,168	20			1,533,168					0	0	0	76,658	76,658	76,658	76,658	76,658	76,658	76,658	0	0	0	76,658	76,658	76,658	76,658	76,658	76,658	76,658	0	0	0	22,998	21,848	20,698	19,548	18,398	17,248	16,098
Controls and Electrical	561,708	15			561,708					0	0	0	37,447	37,447	37,447	37,447	37,447	37,447	37,447	0	0	0	28,085	28,085	28,085	28,085	28,085	28,085	28,085	0	0	0	8,426	8,004	7,583	7,162	6,740	6,319	5,898
Buildings	311,774	50			311,774					0	0	0	6,235	6,235	6,235	6,235	6,235	6,235	6,235	0	0	0	15,589	15,589	15,589	15,589	15,589	15,589	15,589	0	0	0	4,677	4,443	4,209	3,975	3,741	3,507	3,274
Site Upgrades	420,000	30			420,000					0	0	0	14,000	14,000	14,000	14,000	14,000	14,000	14,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7,283,270		**0**	**0**	**7,283,270**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**395,161**	**395,161**	**395,161**	**395,161**	**395,161**	**395,161**	**395,161**	**0**	**0**	**0**	**343,164**	**343,164**	**343,164**	**343,164**	**343,164**	**343,164**	**343,164**	**0**	**0**	**0**	**102,949**	**97,802**	**92,654**	**87,507**	**82,359**	**77,212**	**72,064**