

NET PRESENT VALUE: TAHIMANA

Note Contractor to fill in the Orange Cells

ITEMS	Comment	Year 0 Cost	Future Costs	Fut. Cost Frequency	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
					-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Sinking Fund: Homeowners																								
ITEMS/Comments		Current Values			Year 0 Cost (2026)	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Power		Total Power Costs			\$21	\$21	\$22	\$22	\$23	\$24	\$24	\$25	\$25	\$26	\$27	\$27	\$28	\$29	\$29	\$30	\$31	\$32	\$33	\$33
STEP Tank (726 LPD)		0.057		365	21	21	22	22	23	24	24	25	25	26	27	27	28	29	29	30	31	32	33	33
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renewals				Frequency	\$245	\$251	\$258	\$264	\$271	\$277	\$284	\$291	\$299	\$306	\$314	\$322	\$330	\$338	\$346	\$355	\$364	\$373	\$382	\$392
Complete STEP Kit		6,130.68		0.04	245	251	258	264	271	277	284	291	299	306	314	322	330	338	346	355	364	373	382	392
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sludge Disposal				Frequency	\$100	\$103	\$105	\$108	\$110	\$113	\$116	\$119	\$122	\$125	\$128	\$131	\$134	\$138	\$141	\$145	\$148	\$152	\$156	\$160
STEP Tanks		800.00		0.13	100	103	105	108	110	113	116	119	122	125	128	131	134	138	141	145	148	152	156	160
					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Maintenance				Frequency	\$190	\$195	\$200	\$205	\$210	\$215	\$220	\$226	\$231	\$237	\$243	\$249	\$256	\$262	\$268	\$275	\$282	\$289	\$296	\$304
Preventative Maintenance		190.00		1.00	190	195	200	205	210	215	220	226	231	237	243	249	256	262	268	275	282	289	296	304
Unscheduled(Reactive) Maintenance				Frequency	\$25	\$26	\$26	\$27	\$28	\$28	\$29	\$30	\$30	\$31	\$32	\$33	\$34	\$34	\$35	\$36	\$37	\$38	\$39	\$40
Reactive Maintenance		250.00		0.10	25	26	26	27	28	28	29	30	30	31	32	33	34	34	35	36	37	38	39	40
Annual Sinking Fund Total (STEP Tank)					\$581	\$596	\$611	\$626	\$641	\$657	\$674	\$691	\$708	\$726	\$744	\$762	\$782	\$801	\$821	\$842	\$863	\$884	\$906	\$929
Inflation		2.5%																						
Sinking Fund: Communal Plant & STEP Tank																								
Annual Sinking Fund					\$1,408	\$1,443	\$1,479	\$1,516	\$1,554	\$1,593	\$1,633	\$1,673	\$1,715	\$1,758	\$1,802	\$1,847	\$1,893	\$1,941	\$1,989	\$2,039	\$2,090	\$2,142	\$2,196	\$2,250