

**Hagensborg Waterworks & Fire Protection District
Capital Budget of Existing Assets - 2017**

Start Date 2016

Type of Asset	Purchased	Age	Estimated	Expected	Present Cost to	Future Cost to	Salvage	Annual	Funds	Total	Loan	Loan	Annual	Notes
	Date		Life Span	Remaining	Upgrade/Replace at end	Upgrade/Replace at end	Value	Savings to Replace/	Accumulated	Loan	Annual	Length	Maintenance	
			Life	of remaining Life		of remaining Life	End of	Upgrade Asset at end of Life	to Date		Payments	Years	Costs	
							Inflation rate	Life	Investment rate		Loan Rate			

1.75%

1.25%

3.00%

FP RESERVE

FIRE EQUIPMENT				0		0.00		#DIV/0!			#DIV/0!			
Portable Fire Pump	2008	8	20	12	5,000.00	6,157.20	500	478.77	478.77	5,678.43	475.66	15.00		
Air Tanks - 14 units	2000	16	30	14	5,000.00	6,374.58	0	419.48	419.48	5,955.10	498.84	15.00		
Turn-Out Gear (Uniforms) - 10 units	2000	16	25	9	20,000.00	23,379.74	0	2,470.55	2,470.55	20,909.19	1,751.49	15.00		
Generator - #EAKC1037984	2008	8	30	22	1,500.00	2,197.09	500	87.38	87.38	2,109.71	176.72	15.00		
Gravity Bag - 1500 gal.	2006	10	40	30	2,000.00	3,365.60	500	93.15	93.15	3,272.45	274.12	15.00		
FIRE TRUCK														
Fire Truck #2 plus equipment (ladders, hoses, etc.)	1986	30	30	0	250,000.00	250,000.00	0	0.00	250,000.00	0.00	0.00	15.00		
FIRE HALL														
Building - FP	1975	41	51	10	150,000.00	178,416.67	0	16,860.92	16,860.92	161,555.75	13,532.97	15.00		
Furnace	2010	6	15	9	5,000.00	5,844.94	0	617.64	617.64	5,227.30	437.87	15.00		
PIPELINE														
Hydrants - 6" (40x)	1986	30	40	10	0.00	0.00	0	0.00	0.00	0.00	0.00	15.00		
FP Reserve Total					438,500.00	475,735.83		21,027.90	271,027.89	204,707.94	17,147.68			

CAPITAL DEVELOPMENT RESERVE

OFFICE FURNITURE/EQUIPMENT														
ASUS X552 Laptop Computer	2014	2	5	3	1,500.00	1,580.14	0	520.18	520.18	1,059.96	231.45	5.00		
Laptop (Do not replace)	2011	5	6	1	0.00	0.00	0	0.00	0.00	0.00	0.00	6.00		
W.W. EQUIPMENT														
Generator - #EAKC1037983	2008	8	20	12	3,000.00	3,694.32	750	287.26	287.26	3,407.06	285.40	15.00		
Compressor (Do not replace)	1982	34	75	41	0.00	0.00	2500	0.00	0.00	0.00	0.00	15.00		
STORAGE BUILDING														
Storage Building - WW (Roof replacement only)	2009	7	25	18	5,000.00	6,832.66	0	340.85	340.85	6,491.81	543.80	15.00		
Capital Development Reserve Total					9,500.00	12,107.11		1,148.29	1,148.29	10,958.82	1,060.64			

CAPITAL DEVELOPMENT & FIRE PROTECTION & COMPLIANCE RESERVES													
SNOOTLI DAM													
Snootli Dam Reservoir (Do not replace)	1999	17	100	83	0.00	0.00	0	0.00	0.00	0.00	0.00	15.00	
Snootli Dam Intake	1990	26	30	4	100,000.00	107,185.90	0	26,299.24	26,299.24	80,886.66	6,775.60	15.00	
Screens - Aluminum	2015	1	30	29	5,000.00	8,269.29	0	238.34	238.34	8,030.95	941.47	10.00	
Turbidity Gate Valve (Not Purchased)							0	0.00	0.00	0.00	0.00	10.00	
PIPELINE SYSTEM													
Phase I - Dam to Highway 20 (Replaced in Phase 1)	2000	16	100	84	0.00	0.00	0	0.00	0.00	0.00	0.00	15.00	
Phase II - Highway 20 to Walker Island Rd. (Replaced in Phase 1)	2001	15	100	85	0.00	0.00	0	0.00	0.00	0.00	0.00	15.00	
Phase III - West of Walker Island Rd. - 8" line - (Note 1)	1965	51	76	25	250,000.00	385,745.13	0	13,239.72	0.00	385,745.13	32,312.55	15.00	
Phase IV - East of Fire Hall - 8" line - (Note 1)	1965	51	76	25	500,000.00	771,490.27	0	26,479.45	0.00	771,490.27	64,625.10	15.00	
Pheonix Rd. replacement (Do not replace)	2004	12	100	88	0.00	0.00	0	0.00	0.00	0.00	0.00	15.00	
Flow Meters, FT420W reader, PC Trans.	2005	11	20	9	6,000.00	7,013.92	0	741.17	741.17	6,272.75	525.45	15.00	
Capital Development & Fire Protection & Compliance Reserves					861,000.00	1,279,704.52		66,997.92	27,278.75	1,252,425.77	105,180.17		
COMPLIANCE RESERVE - (WTS)													
POE SYSTEM - 100% WW													
POE System - 10 units (7 residential; 3 commercial)	2012	4	10	6	24,220.00	26,876.99	0	4,341.54	4,341.54	22,535.45	2,641.84	10.00	4,000.00
POE System - 216 units (201 residential; 15 commercial) (Not purchased)	2016	0	0	0	576,633.00	576,633.00	0	0.00	479,223.96	97,409.04	11,419.31	10.00	86,400.00
WELL SYSTEM - 100%WW													
Well/upgrade Well	2013	3	30	27	50,000.00	79,872.87	0	2,505.35	2,505.35	77,367.52	6,480.81	15.00	
Compliance Reserve Total					650,853.00	683,382.86		6,846.90	486,070.85	197,312.01	20,541.97		
Capital Budget Totals					1,959,853.00	2,450,930.31		96,021.01	785,525.78	1,665,404.53	143,930.46	0.00	
Note: 1 - Phase III & Phase IV & Hydrants - \$3,138,000.00 - Grant Funds													

Note: POE - Residential - \$2,298.00 per unit; Commercial - \$5,489.00 per unit (To be installed)
Note: POE - Labour to install - \$150.00 per unit