

Asset Management

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Many villages and cities are continuously working on rebuilding a pump, motor or maybe even replacing parts in equipment that is outdated and/or old for your system. I know with the economy the way it is today, buying new probably is not an option right now.

Asset Management is a more proactive approach to identifying the replacement of large ticket items and budgeting for them long term. You need to make a list of what you have and how long it has been in place in your system.

The second part is to keep a plan in place for councils/village boards. I understand, board members change on a term basis, but let yourself be heard. Give a report at meetings of status of equipment, updates on regulations etc. This way your board is not surprised when a big ticket item needs replaced. The other thing is not to expect grants to help your village or city out financially, because the money may not be there.

The following is a list of equipment life estimates I put together and used as an operator. I encourage you to make a side by side comparison of how long you have your system/equipment in place to the estimated life expectancy chart. How does your plant measure up? You are looking at some major problems in the near future and are you ready for the costs? I encourage you to share this with your boards/councils.

Expected Life Estimates

<u>Equipment</u>	<u>Life Expectancy (years)</u>
Chlorination Equipment	10-15
Aeration Equipment	5-10
Chemical Feed Equipment	5-10
Storage Tanks	30-60
Pumps	10-15
Motors	5 (continuous)

	10 (intermittent)
Buildings	30-60
Electrical/Electronic Systems	7-10
Force Mains	35-40
Collection System (Plastic)	100
Manholes (brick)	10-30
Manholes (precast)	50-100
Valves	35-40
Lab Equipment	5-7
Tools & Shop Equipment	10-15
Office Furniture	10
Computers	5
Mobile Equipment	10
Electrical Generation Equipment	10-20
SCADA/Telemetry	7-10

NOTE: These are estimates of life expectancies from a wide variety of sources. Your individual experience and the conditions within a given plant, such as, degree or maintenance may produce different values. Your own judgement may be used but in the absence of any information, these values might be helpful.

As always if you have any questions about this article give me a call.