

Rule of Thumb –

Sanitary Sewer Lift Stations

15 to 25 years!

- The pumps, electronic controls and electrical works are under constant physical stress, and the corrosive environment of lift stations require constant maintenance repair. There is, however, a point where they need to be rebuilt with wholesale equipment replacement. On average that is about every 15 to 25 years.
- With 14 lift stations, currently, one lift station needs to be rebuilt at minimum every two years.
- Average cost is estimated at \$100,000 to \$200,000 per lift station.
- At \$150,000 per refurbishment, \$75,000 per year is needed.
- **Refurbishment of O'Fallon Lift Stations:**

• CY 2008 - \$14,600	Shortfall - \$60,400
• CY 2007 - \$14,900	Shortfall - \$60,100
• CY 2006 - \$45,000	Shortfall - \$30,000
• CY 2005 - \$0	Shortfall - \$75,000
• CY 2004 - \$0	Shortfall – \$75,000
• CY 2003 - \$88,500	Surplus – \$13,500
• CY 2002 - \$12,200	Shortfall – \$62,800

Rule of Thumb –

Terminal Lift Station

**Terminal Stations need to be rebuilt about every
15 years!**

- The pumps, electronic controls and electrical works are under constant physical stress, and the corrosive environment requires constant maintenance and repair. There is, however, a point where a terminal lift station needs to be rebuilt with wholesale equipment replacement. On average that is about every 15 years.
- Average cost is estimated at \$2.5 to \$3 million.
- Therefore, about \$200,000 per year is needed to be reserved for the refurbishment.

Funding spent and/or shortfall of funding reserved for upgrades at the Terminal Lift Station:

• CY 2008 - \$176,000	Shortfall - \$24,000
• CY 2007 - \$57,300	Shortfall - \$142,700
• CY 2006 - \$0	Shortfall - \$200,000
• CY 2005 - \$0	Shortfall - \$200,000
• CY 2004 - \$6,000	Shortfall – \$194,000
• CY 2003 - \$0	Shortfall – \$200,000

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• CY 2004 - \$0	Shortfall – \$75,000
• CY 2003 -\$88,500	Surplus – \$13,500
• CY 2002 -\$12,200	Shortfall – \$62,800
• CY 2001 -\$34,000	Shortfall – \$41,000

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- | | |
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