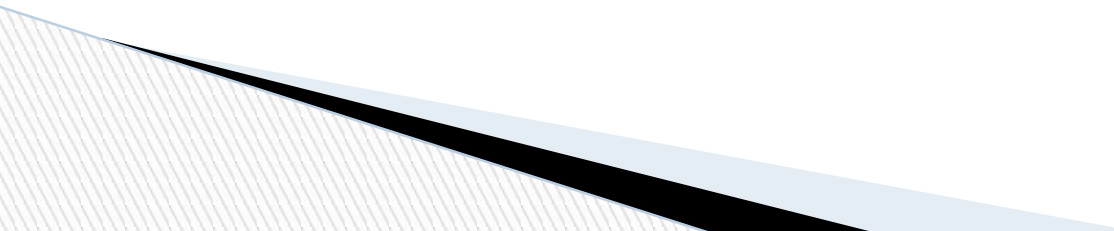


Asset Management: Rural Perspective

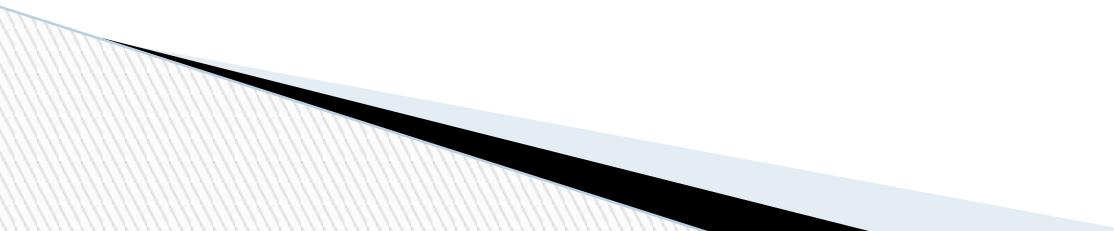


Ruth Hubbard
Executive Director
Minnesota Rural Water Association

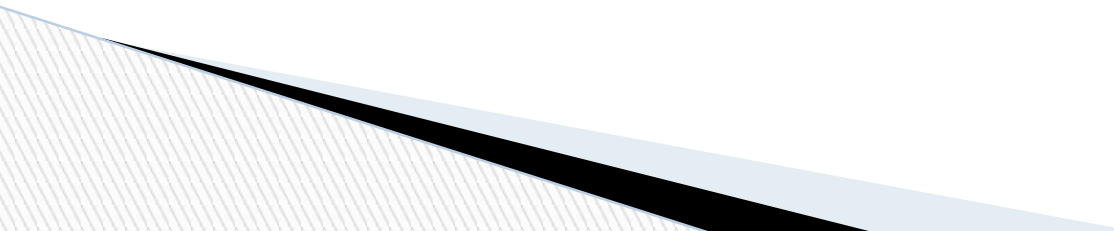
Minnesota Rural Water Association

- Background of MRWA
 - Established 1978 as private non-profit
 - Board of Directors
 - Provide training and on-site technical assistance to small water and wastewater systems
 - Operations, Management, Regulations, Sustainability, Finance, Source Water Protection
 - Financing for public entities projects
- 

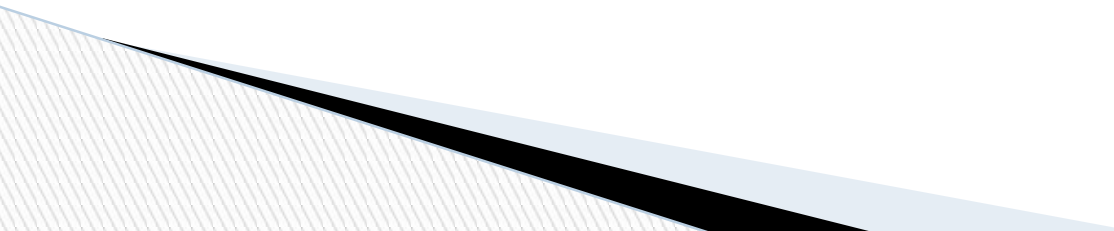
Asset Management

- Why MRWA and Asset Management for Small Systems?
 - Small systems have many of the same infrastructure as large systems, deal with much the same regulations and have very limited customers to pay the costs
 - Usually have higher turnover of staff, less hours to do the job and less knowledge and expertise
- 

Asset Management

- SO..what's currently out there?
 - Nothing!!!
 - A number in the audit that no one knows where it came from!!!
 - Spreadsheets!!!
 - Asset Management Software (CUPPS)
- 

Asset Management

- Working with MDH, MPCA and PFA to develop a DIY template that includes- - -
 - Current infrastructure – distribution, collection, meters, valves, hydrants, source, pumps, lift stations, manholes, etc.
 - Location, condition, year installed, replacement date, remaining life, current value, criticality analysis
- 

Asset Management

- What are the Benefits
 - Reports value of systems
 - Replacement dates and costs (long term)
 - Short lived assets report
 - Budgeting
 - Depreciation and reserve funding
 - Service history

Asset Management

- Lessons Learned
 - Asset Management is NEVER a priority
 - Asset Management always costs money!!
 - No information – requires mapping and possibly GPS coordinates
 - Spreadsheets – not formatted to fit the “template” so information needs to be “rekeyed”
 - Upkeep is difficult (time consuming) – especially maintenance performed
 - GARBAGE IN GARBAGE OUT!!