

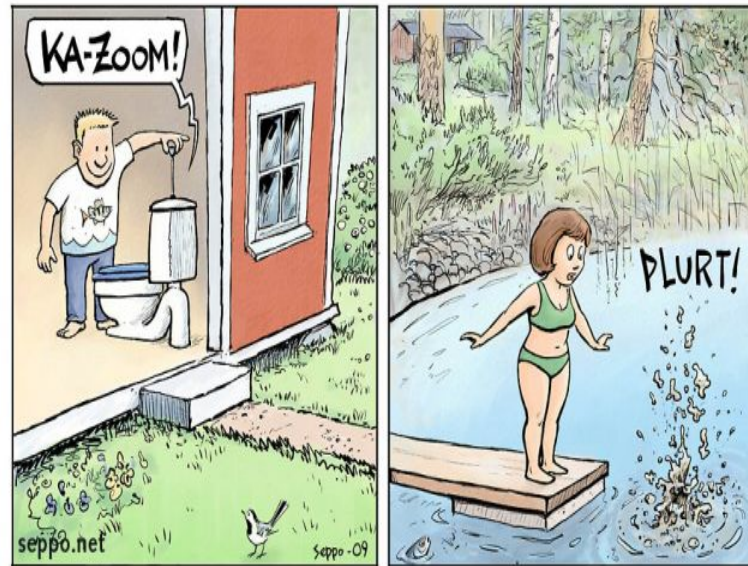
ASSET MANAGEMENT

For Water and Wastewater
Infrastructure

Presented by:
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DEFINITION OF ASSET MANAGEMENT

- ◉ A process for maintaining a desired level of service for what you want your assets to provide at the lowest life-cycle cost.
- ◉ Lowest life-cycle cost refers to the best appropriate cost for rehabbing, repairing, or replacing an asset



ASSET MANAGEMENT

- ◎ A high-performing asset management program incorporates asset inventories, O&M tasks, and long-range financial planning to build system capacity, and it puts systems on the road to sustainability.
- ◎ Basically- it's a way to effectively and affordably manage your infrastructure.

BENEFITS OF ASSET MANAGEMENT

- ⦿ Prolonged asset life and aiding in rehabilitation and replacement decisions through efficient and focused O&M
- ⦿ Meet customer demands
- ⦿ Set rates based on sound operational and financial planning
- ⦿ Budgeting focused on activities critical to sustained performance

BENEFITS OF ASSET MANAGEMENT

- ⦿ Meet service expectations and regulatory requirements
- ⦿ Improve responses to emergencies
- ⦿ Improve the safety and security of assets
- ⦿ Reduce overall costs for both operations and capital expenditures

WHAT ARE ASSETS?

Tangibles that are used in the operation of a drinking water or wastewater utility

- ◎ Buildings
- ◎ Tools
- ◎ Equipment
- ◎ Pipes
- ◎ Machinery
- ◎ Operator

WHY CARE ABOUT MANAGING YOUR ASSETS?

- ◉ Managing assets will help your utility be more efficient and financially self sufficient

ULTIMATE GOAL: Protection of public health and efficient, sustainable utilities

RECOGNITION

- ◎ AM has gained recognition all across the world, and across all infrastructure heavy sectors due to its effectiveness in maximizing the value of capital as well as O&M expenditures.

THE 5 CORE QUESTIONS OF ASSET MANAGEMENT

- ◎ 1. Current State of Assets
- ◎ 2. Level of Service
- ◎ 3. Critical Assets
- ◎ 4. Minimum Life Cycle Costs
- ◎ 5. Long-term Funding Plan

EFFECTIVE ASSET MANAGEMENT IMPLEMENTATION

- ◎ Assemble a TEAM!
- ◎ Asset Management is not a one-person job.
- ◎ Tap into all of your resources.
- ◎ Who should be on your team?

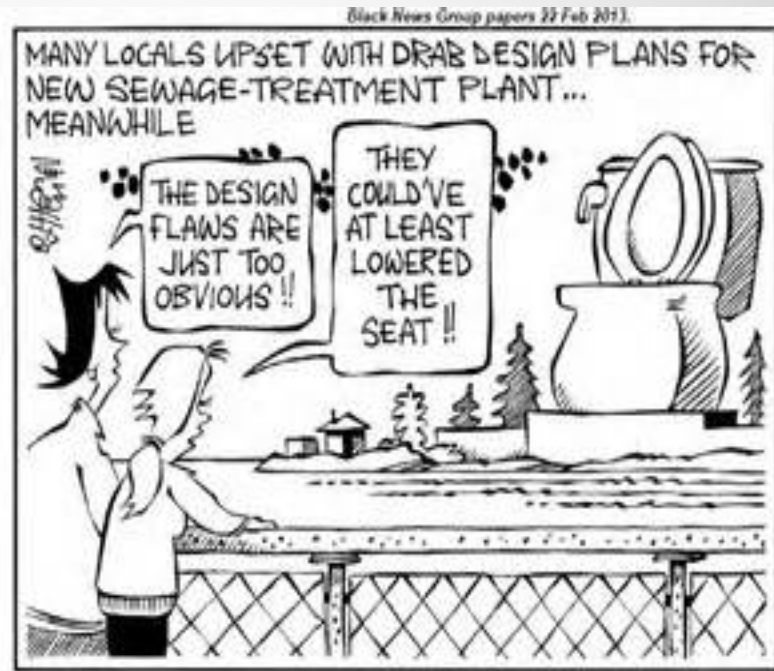


SE COMMUNITIES

- ◉ Craig
- ◉ Klawock
- ◉ Kasaan
- ◉ Saxman
- ◉ Metlakatla
- ◉ Angoon
- ◉ Wrangell
- ◉ Hoonah
- ◉ Skagway
- ◉ Haines
- ◉ Klukwan
- ◉ Yakutat

FIND AN ASSET MANAGEMENT TEMPLATE OR PROGRAM THAT WILL WORK FOR YOU

- ◉ Many to choose from
- ◉ Depends on what “bells and whistles” you want/need
- ◉ Cost is usually a factor



CHECK UP PROGRAM FOR SMALL SYSTEMS (CUPSS)

- ◎ EPA-Based
- ◎ Free!
- ◎ Easy to use
- ◎ Does not require internet connection
- ◎ On-line and self-paced training
- ◎ Can prepare a full asset management plan in 10 steps

WHAT CAN CUPSS DO?

- ◎ Track Your:
- ◎ Inventory
- ◎ Tasks- O&M
- ◎ Finances

This process will help develop a personalized asset management plan.

CONSIDERATIONS WHEN STARTING ASSET MANAGEMENT

- ◉ Will not happen overnight
- ◉ Start-up will likely require \$\$
- ◉ Gain community support- Let them know what you are up to
- ◉ Living document. Requires continual input.

THE END RESULT!

- ◉ Implementing AM can help identify the full costs of operating your utility
- ◉ Address high-priority asset needs that are critical to your utility's performance
- ◉ Better decision making
- ◉ Better pricing and asset valuation
- ◉ Improve your T&M capacity

QUESTIONS?

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