

The Value of Stormwater Asset Management

What Is It, and Why Should You Be Interested?

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Stormwater Management Challenges

- ***Diverse programs and assets*** requiring care and feeding:
 - Many types of physical assets from grey to green
 - Other program activities (inspections, education, tracking, reporting, operations and the people who do them)
- Many programs ***lack robust system tracking/planning*** tools
- ***Responsibilities often divided*** across departments
- ***Limited reliable funding*** for expensive O&M and new projects
- ***Changing program*** requirements (permits) and needs (climate effects, interests in urban greening and stormwater capture)
- ***Public/decision makers don't always understand*** value of SW programs

What Is Asset Management?

“Framework to make data driven decisions about how to operate, maintain, repair, rehabilitate, and replace assets” (SW EFC)

Framework- computer-based platform for tracking and planning assets

Data-Driven- way to use data about system components and information about their status

Aids Decisions- informs how you do O&M, replacement, and new projects

But wait, there's more...

Core Components of AMP

- ***Current Status of Assets***- What do we have, and in what shape?
- ***Level of Service You Provide***- What value to you provide public and environment?
- ***Criticality***- Which assets are most vital to sustained operations?
- ***Life cycle cost***- What does it cost to maintain, replace, and build new assets?
- ***Short and long-term funding*** – How much do we need to succeed?

How Can AMP Help My Program?

- ***Improve awareness/tracking*** of your program components, including non-traditional activities/assets
- ***Set priorities*** among competing demands
- ***Anticipate*** system problems before they fail
- ***Demonstrate compliance*** with permit requirements
- ***Educate the public and decision makers*** about value you deliver and your competence in managing the program
- Make your case for ***sufficient, secure funding***

Many Viable Approaches to AMP

- Will hear about *many types of AMP* today and how they help stormwater program managers
- Can *start simple and ramp up AMP* over time
- No free lunch, but *workable for most*
- EPA and State want to help make this happen- *how can we help?*
- Urge you to *take the 1st step*- you won't regret it!

Some EPA Resources:

<https://www3.epa.gov/region9/water/npdes/asset-mgmt/index.html>

<https://www3.epa.gov/region9/water/npdes/asset-mgmt/pdf/Overcoming-Barriers-to-Development-and-Implementation-of-Asset-Management-Plans.pdf>