

## WORKSHOP AGENDA

### Wednesday, November 2

8:00 - 8:30 a.m. Registration and Continental Breakfast

8:30 a.m. - 5:00 p.m. Duration of the workshop

#### Introductions

Background And Context 8:30 - 9:30 a.m.

- ◆ The Changing Utility Industry
- ◆ The Emerging Utility Of Tomorrow

Introduction of Storyline, Overview Of Fundamental Concepts And Core Practices 9:30 - 10:00 a.m.

- ◆ Introduction Of Storyline
- ◆ A Definition Of AM
- ◆ A "Meta View" of the AM Paradigm
- ◆ Managing the Asset Base's "Potential To Fail"
- ◆ Payoffs and Benefits, Downsides
- ◆ The "Five Core Questions" and the "10-Step AM Process"

Break 10:00 - 10:15 a.m.

Storyline And Worksheets - Tom's Very Bad Day  
Core Question 1: What Is The Current State Of My Assets?  
10:15 - 12:15 p.m.

- ◆ What is an Asset?
- ◆ Building a "Process Layout" Schematic
- ◆ Creating the "Asset Hierarchy"
- ◆ Defining the "Data Standard"
- ◆ Initial Condition Analysis, Remaining Physical Life

Lunch 12:15 - 1:00 p.m.

Core Question 1: (Continued) 1:00 - 2:30 p.m.

- ◆ The Four Major Failure Modes
- ◆ Building a "Process Layout" Schematic

Break 2:30 - 2:45 p.m.

- ◆ Financial versus Managerial Accounting  
2:45 - 3:30 p.m.

Core Question 2: What Is My Required "Sustainable" Level Of Service (LOS)? 3:30 - 4:00 p.m.

- ◆ What Is "LOS"? Why Do It?
- ◆ How It Works (Strategic Level Versus Operations Level)

Discussion, Q & A and Feedback 4:00 - 5:00 p.m.

Networking Reception at Hotel 5:30 - 7 p.m.



### Thursday, November 3

8:00 - 8:30 a.m. Continental Breakfast

8:30 a.m. - 5:00 p.m. Duration of Workshop

Summary Of Day 1, Outline Of Day 2

Core Question 3: Which Assets are Critical to Sustained Performance?  
8:30 - 10:00 a.m.

- ◆ Understanding How My Assets Can Fail—the Four Major Failings
- ◆ Determining the "Likelihood Of Failure"
- ◆ Determining the "Consequences of Failure"
- ◆ How to Measure our Agency's "Business Risk Exposure"

Break 10:00 - 10:15 a.m.

Core Question 4: What Are My Best Minimum Life-Cycle-Cost CIP And O&M Strategies? 10:15 - 11:00 a.m.

- ◆ What Alternative "Treatment" (Management) Options Are Feasible?
- ◆ Which Is the Best Strategy – "Optimal Renewal Decision Making"?

Core Question 4: O&M (Continued) 11:00 - 12:15 p.m.

- ◆ Using AAM to Drive Operations and Maintenance
- ◆ Moving Systematically into Reliability Centered and Condition-Based Maintenance

Lunch 12:15 - 1:00 p.m.

Core Question 4: CIP (Continued) 1:00 - 2:45 p.m.

- ◆ Using AAM To Drive the CIP
- ◆ Strategic CIP Validation

Break 2:45 - 3:00 p.m.

Core Question 5: What Is My Best Long-Term Funding Strategy?  
3:00 - 4:00 p.m.

- ◆ So, Valuation Really Does Matter?
- ◆ Determining a Sustainable Renewal Funding Level
- ◆ Effectively Telling the Funding Story
- ◆ The "Whole Of Business" Perspective – Using AAM for Rate Setting & Budgeting
- ◆ Building Your First Asset Management Plan ("AMP") For The System

Focus Topic 1: Deploying An AAM Program 4:00 - 4:30 p.m.

- ◆ The Three Fundamental Deployment Strategies
- ◆ "Gap Analysis" Benchmarking & Developing the AAM Improvement Program
- ◆ The Human Side
- ◆ The Political Side
- ◆ Implementation Work Plans – Lessons Learned

Panel Discussion of Texas Utility Representatives Closing Summary, Questions, Comments, Discussion Of Basic Self-Audit, Evaluation 4:30 - 5:00 p.m.

# The Fundamentals of Asset Management A "Hands-On" Approach

USEPA Asset Management Workshop

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### Networking Reception



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