10-step Asset Management Planning Model

I. What is the current state of the assets?

II. What are the required levels of service?

1. Develop Asset Registry

2. Assess Performance, Failure Modes

3. Determine Remaining Life

4. Determine Life Cycle & Replacement Costs

5. Set Target Levels of Service (LOS)

6. Determine Business Risk ("Criticality")

7. Optimize O&M Investment

8. Optimize Capital Investment

9. Determine Funding Strategy

10. Build AM Plan

III. Which assets are critical to sustained performance?

IV. What are the best O&M and CIP investment strategies?

V. What is the best long-term funding strategy?

Continuous Improvement

Santa Clara Valley Water District