Science and Monitoring Needs to Support Toxic Contaminant Goals and Strategies

Developing Goals Developing Strategies Strategies

- Feasibility of using condition-based goals
 - Concentrations in fish tissue, sediment, water, wastewater
 - Consider rate of change and measurability
- Source-based goals and ability to measure
- Goals for monitoring and research

- Synthesis of science and monitoring that describes sources, fate, transport
- Mass balance showing pollutant cycling and flux
- Models to test assumptions on system response

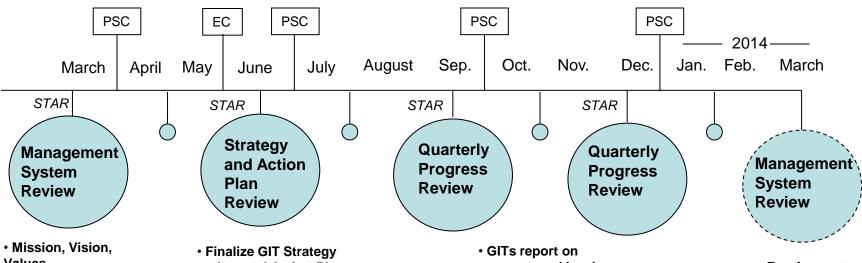
- Connecting appropriate metrics with environmental outcomes and changes in condition
- Analytics to help determine reasons for lack of system response
- What does science and monitoring tell us about needed changes to strategies?

Chesapeake Bay Program

Annual Program-Level Adaptive Management System Management Board Meeting Schedule 2013

Interim Management **Board Meetings** Objectives

- · Detailed technical discussions
- Resolution of specific issues and challenges



- Values
- Key conclusions from the Bay Barometer
- Results of external evaluations
- Look Back performance against milestones
- Look Ahead needed changes

- and annual Action Plans
- GITs demonstrate cross-goal coordination, use of targeting
- Determine prioritized actions, milestones and resources to be applied

- progress and barriers
- MB evaluates progress and makes recommendations for overcoming barriers
- Short-term adaptation of strategies and planned activities

Begin next cycle ...