

Interim Measurable Milestones

Measurable Milestones

- Subtasks that need to be accomplished over time to fully implement a management measure
- Developing interim measurable milestones is one of the 9 elements required by the U.S. EPA to develop a complete, comprehensive and successful watershed protection plan
- Purpose
 - Means of supporting detailed schedules and task tracking
 - Determining whether management measures are being implemented

How to Select Milestones

- Milestones should be selected based on the context of the implementation strategy
- Given the selected management measures and available funds or time frame for obtaining grants, estimate what can reasonably be accomplished by a given target date
- Identify responsible parties associated with the management measures and milestones

Factors to Consider

- Economics and Funding Resources
- Social
- Environmental
- Staff availability

Evaluation of Milestones

- Plan needs to address how milestones will be evaluated
 - Monitoring
 - Spot-checking
 - Participation
 - Adoption of management practices
 - Some other method
- Plan should enable stakeholders to allocate and plan for resources and easily determine whether a milestone has been met

Failure to Meet Milestones

- Plan should provide a description of what stakeholders will do if the milestones are not being achieved
- Plan should provide a description of how stakeholders will take advantage of milestones being achieved in a significantly shorter time frame than expected

Relevant Time Scales for Milestones

- Short-term – 1-2 years
- Mid-term – 2-5 years
- Long-term – 5-10 years

Example Short-term (< 2 years) Milestones

- Pursue funding for all management measure alternatives
 - Obtain funding for community education programs – AgriLife with Authority and stakeholder assistance
 - Obtain funding for Phase 2 of Port Ridgley East wastewater treatment plant expansion - AMUD with Authority and stakeholder assistance
- Develop community education programs where existing programs do not currently exist
 - Water fowl and wildlife feeding – AgriLife
- Adopt/update county order to require pump-out records be submitted annually to the Hood County Health Department for all holding tanks in the Lake Granbury flood plain – Hood County Judge, Commissioners Court and Health Department

Example Mid-term (2 – 5 years) Milestones

- Continue to pursue funding for all management measure alternatives
 - Obtain funding for Phase 3-5 of Port Ridglea East wastewater treatment plant expansion - AMUD with Authority and stakeholder support
 - Obtain funding for City of Granbury 10 mgd wastewater treatment plant – City of Granbury with Authority and stakeholder support
- Implement community education programs
 - AgriLife, NRCS
 - Conduct follow-up surveys 1 year after education program to determine success
- Begin construction of Phase 2 of Port Ridglea East wastewater treatment plant expansion - AMUD

Example Long-term (> 5 years) Milestones

- Continue to pursue funding for all management measure alternatives
 - Obtain funding for construction of Indian Harbor wastewater treatment plant expansion - AMUD with Authority and stakeholder support
 - Expand City of Granbury collection system to include Oak Trail Shores – City of Granbury and Southwest Water with Authority and stakeholder support
- Begin construction of Phase 3 of Port Ridglea East wastewater treatment plant expansion - AMUD
- Begin construction of City of Granbury 10 mgd wastewater treatment plant – City of Granbury