

In this together

Delaware's role in cleaning up
our Chesapeake waterways



Phase II Planning Targets:

- **24% for Nitrogen**
 - Lesser reduction than TMDL (29%)
- **20% for Phosphorus**
 - Slightly greater reduction than TMDL (18%)
- **0% for Sediment**
 - Lesser reduction than TMDL (10%)

Phase II Plan



More specific and localized

- Who will do what when
- Resources, authorities, and needs
- Clear and quantitative goals –
 - County or Land-River Segment scale BMP implementation levels
 - 2013 Milestones levels
 - 2017 60% levels
 - 2025 100% levels

CHANGES BETWEEN PHASE I AND PHASE II

- Updated each section to reflect new information and changes since Phase I
- Added detailed discussions on each local government and their role in achieving the TMDL
- We did not develop individual WIPs because
 - Delaware is entirely within one major basin,
 - Our towns and counties have limited resources, and
 - Many programs are already run at the State level,

Wastewater Updates

- Point Source Wastewater
 - Updated permit schedule
 - Elimination of one minor facility
- Onsite Wastewater
 - Updated regulatory revision schedule and details of proposed regs
 - Performance standards for large systems;
 - Advanced treatment requirements for systems within 1000 feet of tidal waters and wetlands

Stormwater

- Updated regulatory revision schedule and details of proposed regs
- Updated schedule of MS4 permit renewal
- Improved data tracking and reporting

Land Use

- Added detailed discussion of each local government
- Tetra Tech analysis of local ordinances and recommendations
- Grant support to conduct Master Planning in several communities
- Included an analysis of non-farm fertilizer sales data for P (data maintained by DDA)
 - 92% reduction between 2005 and 2010
- Outlined an offset program approach

Agriculture

- Described several new programs
 - Cover crop targeting
 - Delaware Rural Irrigation Program (DRIP)
 - Strategic Watershed Action Teams (SWAT)
- CAFO regs updated in 2011 and updated the number of operations that have submitted NOIs
- Implementation goals for 2011, 2013, and 2017 were added for each BMP
- Added a discussion concerning difference between CBP and DDA/UD/UMD estimates of poultry manure volume and nutrient content

Sea Level Rise Considerations

- DNREC policy noted by a commenter
- Discussion of potential impacts added to each major
- Ensure that the investments being made now for these goals are not be lost in the future as a result of sea level rise

Questions

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