



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Office of Water Management

Best Management Practice (BMP) Updates

Agricultural Advisory Board

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Updates

- **EPA Contractor Reviewing PA BMP Data Reported to Watershed Model**
 - Where are opportunities to improve reporting?
 - Help identify under-reported BMPs
- **Designing an Improved System for Collecting BMP Data**
- **Statistical Land-Based Transect Surveys for Certain BMPs, such as Tillage**

Updates

- **Natural Resources Conservation Service (NRCS)**
 - Leadership in working to gather BMP data that will better reflect progress being made by agriculture
 - Proposal to utilize remote sensing
 - Pilot
 - Potomac Basin
 - Possibly some sub-watersheds of the Susquehanna

Updates

- **Potential BMPs**

- Animal Waste Management Systems;
- Barnyard Runoff Controls;
- Carbon Sequestration/Alternative Crops;
- Cover Crops;
- Riparian Forest Buffers;
- Grass Buffers;
- Land Retirement/Environmental Planting;
- Mortality Composting;*

* *Under Discussion*

Updates

- **Potential BMPs**

- Off-Stream Watering w/o Fencing;
- Pasture Fencing;
- Tree Planting;
- Upland Precision Grazing;*
- Upland Precision Rotational Grazing;*
- Conservation Plans, as determined by the existence of BMPs

* *Under Discussion*

Remote Sensing

- PADEP would not receive any farm-specific information
 - Aggregated at HUC 14 Watershed Level
 - Similar to the way DEP receives BMP information currently from NRCS (meets 1619)
- Proposal has not yet been finalized



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<http://www.chesapeakebay.net/chesapeakebaywatershedagreement/page>