

WQGIT Modeling Update

- June STAC Meeting
- June LabRAT Meeting
- July Modeling Quarterly Review
- Expert Panel updates

June STAC meeting highlights relative to modeling

- New USGS studies of the Susquehanna
 - Possible loss of retention in lower dams
 - Greater impact of storm events.
- Multiple Models for Management (M3)
 - Shallow water pilot workshop
 - Upcoming workshop discussing methods and practicalities of M3
 - Heard from experts with divergent opinions of M3

LabRAT

Laboratory Recommendation Action Team

- First meeting 6/21
 - NAS recommendation
 - Current ‘modeling lab’
 - Virtual and Physical straw proposals
- Discussion
 - Virtual vs Physical
 - Range of funding
 - Scope of operations – Research, Development, Operations
 - Partnership modeling issues

Modeling Workgroup

- Extension of rainfall data set
 - Future modeling efforts
 - Shallow water studies
 - Short term forecasts
- Effect of wind on hypoxia
- Role of the Modeling Workgroup

Urban Expert Panels

Panel Topic	Status	Notes
Stormwater Retrofits	Panel Concluded	Awaiting adoption by WTWG and WQGIT sometime this summer
State Stormwater Performance Standards	Panel Concluded	
Urban Fertilizer Management	Expect Panel Report 9/12	Major modeling recommendations
Stream Restoration	Expect Panel Report 9/12	Will require other GIT review
Illicit Discharge Elimination	Launching July 2012	
Enhanced Erosion Control	Launching July 2012	
Street Sweeping	Reconvene Fall, 2012	Expert Panel to Revisit Issue

Agricultural Expert Panels

- Three panels off to a good start
 - Approach: interview all participants and compile descriptions, opinions, and recommendations prior to deliberation – currently compiling results
 - Chairs being chosen
 - Subgroups being developed
 - Panels
 - Nutrient Management
 - Conservation Tillage
 - Cover Crops
- Poultry Litter Subcommittee:
 - Variations in method of litter sampling and poultry production management is a concern. Finalizing reporting mechanism to allow comparison of poultry litter data across the Bay watershed.

Forestry Expert Panels

- Riparian buffers (both grass and forest)
- Urban Tree planting (aka tree cover expansion).
 - Both are about half way through

Wastewater Treatment Expert Panels

- The onsite system expert panel is continuing with sub-panel and panel monthly calls, and completed panel interviews and summary, and is making progress towards the end goal of developing onsite system reduction recommendations