

MAST

Maryland's Assessment and Scenario Tool

April 13, 2011













Scenario Development Process

Modeling

- Use reduced form model to produce preliminary results
- Consistent with EPA Bay TMDL models
- Stakeholder involvement in scenario development
- Iterative process
- Information Management System to
 - Facilitate consistent and transparent approach
 - Combine WIP Team scenarios for direct input into EPA Bay Model



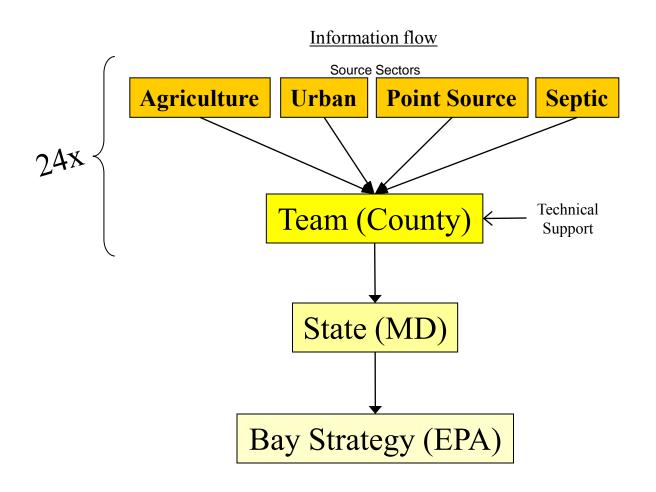








Need for Consistent Process







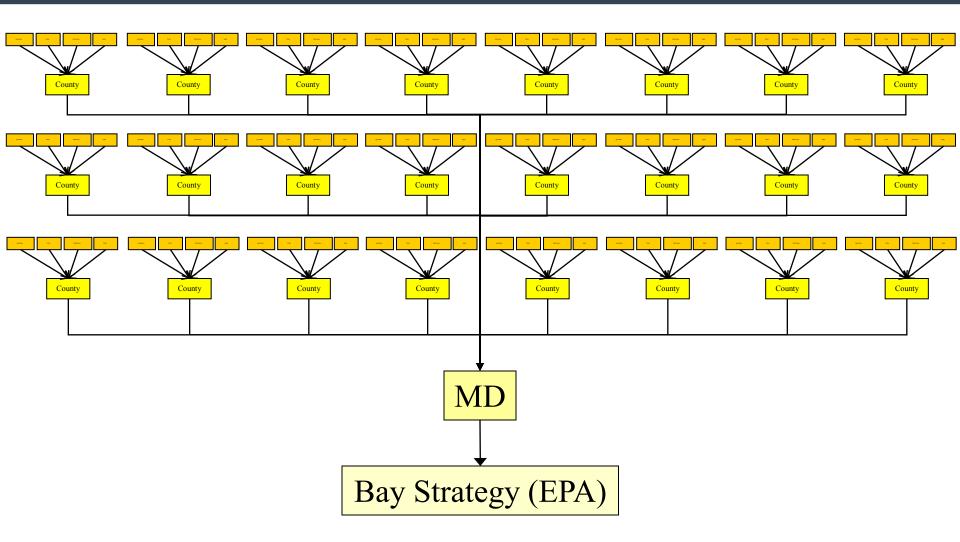








Need for Consistent Process











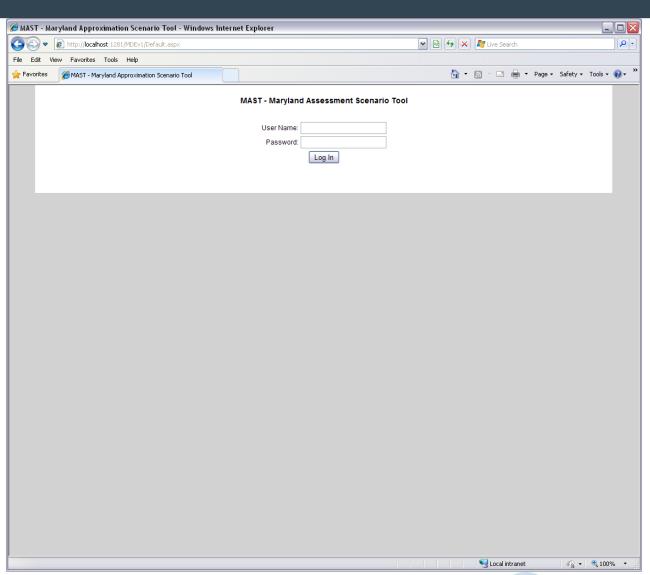




Screenshots - Login









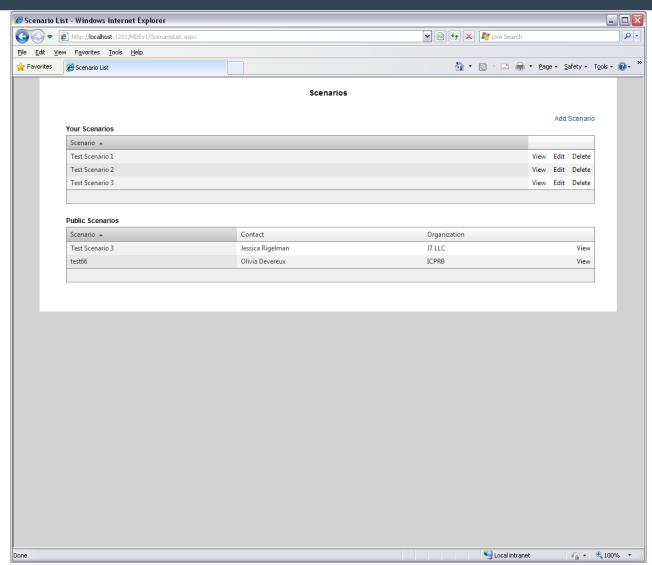








Screenshots - Scenarios







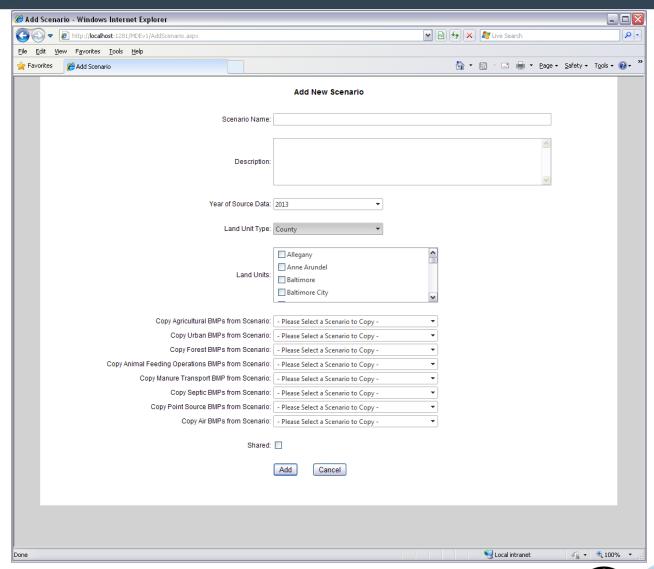








Screenshots - New Scenario







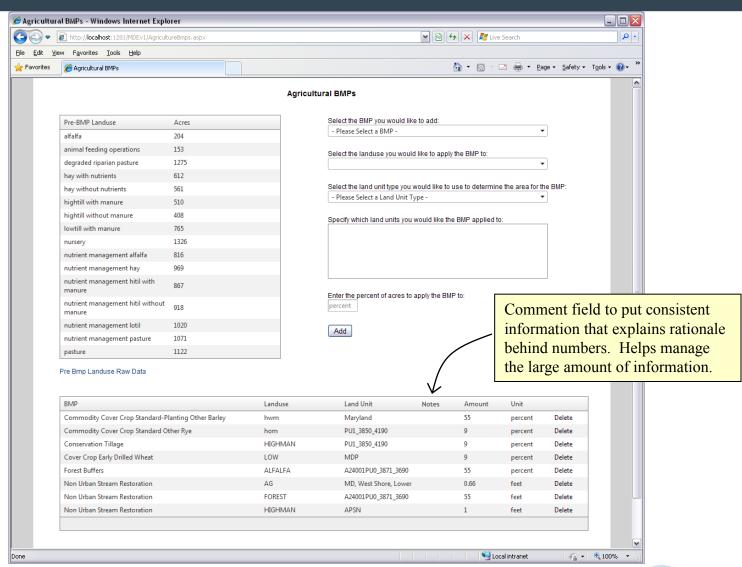








Screenshots – Agriculture







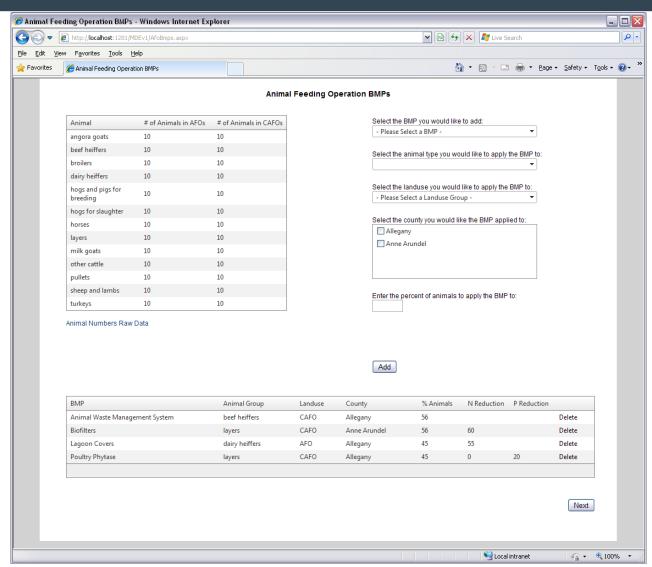








Screenshots – Agriculture







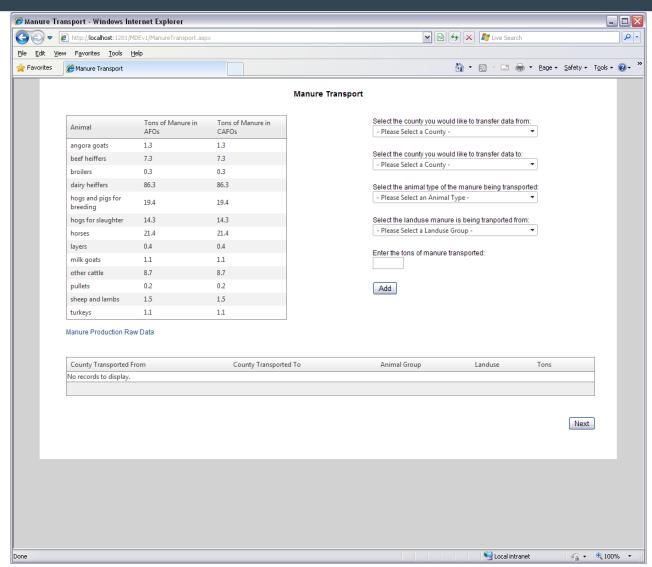








Screenshots – Agriculture







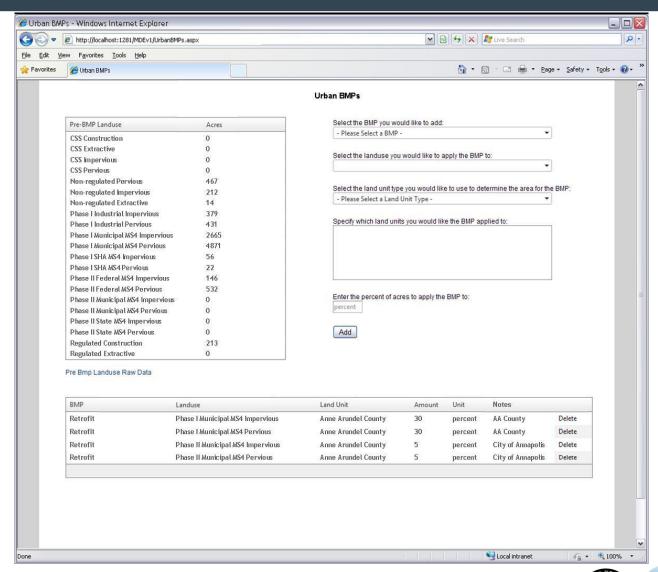








Screenshots – Urban Runoff







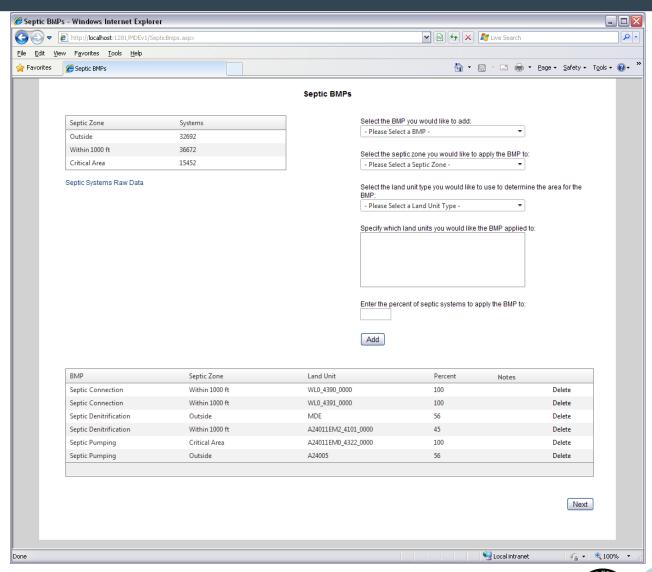








Screenshots – Septic







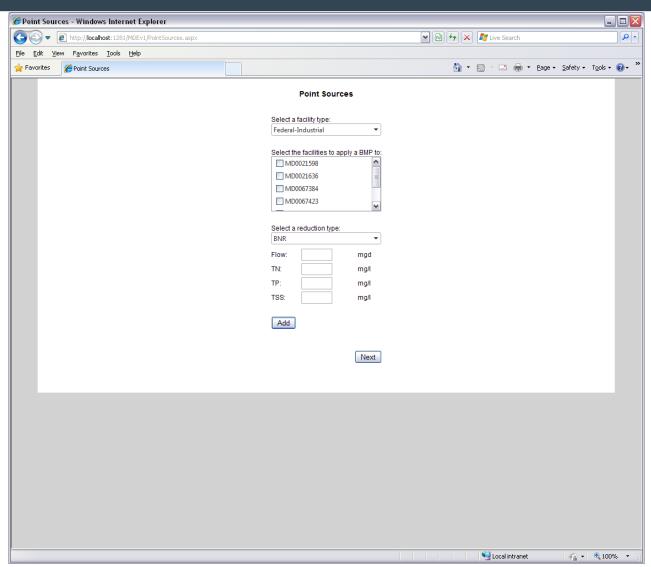








Screenshots – WWTP







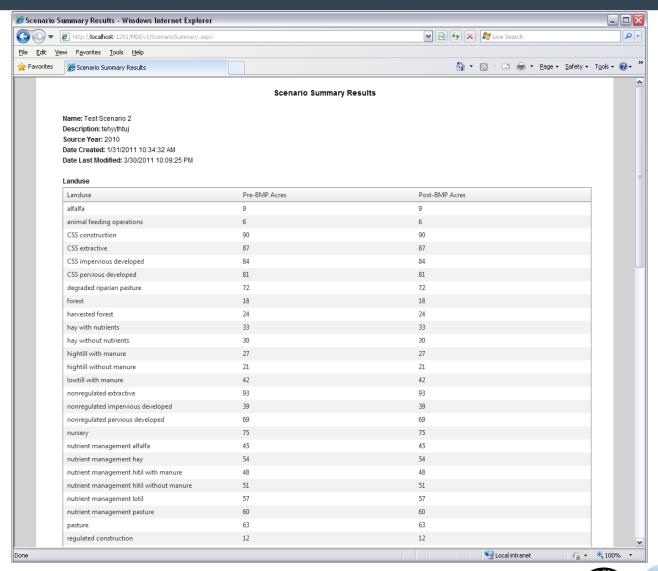








Screenshots – Summary





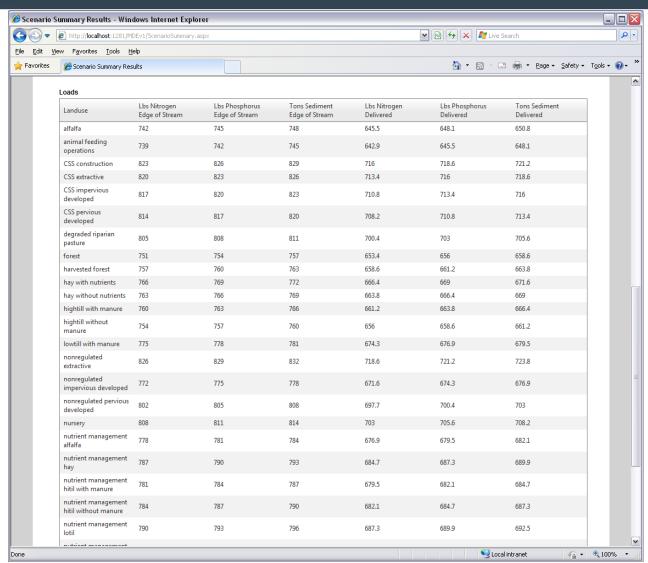








Screenshots - Results















Diagnostic Plots















MAST Training Sessions

- Four sessions to be held at MDE computer room in July
- Six counties per session
 - Need to assign technical liaisons to county (one WIP team member and one state)
 - State technical liaison will work with multiple counties
- Technical support to be provided after July through completion of WIP











Schedule

Description	Date
MD provides Phase I Loads to teams	April 7, 2011
MD provides Phase 5.3.2 input to teams	May 15, 2011
EPA Release 5.3.2 w/ scenarios	June 30, 2011
MAST Release	June 30, 2011
MAST training sessions	July 2011
Revised State allocation from EPA	July 15, 2011
Revised County targets from MDE	August 15, 2011
Draft WIP from County	November 1, 2011
Preliminary Milestones	November 1, 211
Draft WIP to EPA	December 1, 2011
Final Milestones	January 3, 2012
Public comment begins (30 days) - Tentative	January 15, 2012
EPA provides comments	January 31, 2012
Public comment ends	February 15, 2012
Final WIP to EPA	March 30, 2012









