

REPORT ON EPA DRAFT TMDL MEETING

October 21, 2010

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Presenter

LCCWC

EPA MEETING

- EPA sent 2 representatives to Lancaster
 - Monday, October 18, 2010
 - Discuss EPA's Draft Chesapeake Watershed Pollution Diet
 - Discuss PA Draft Watershed Implementation Plan
 - Deadline for final plan is November 29, 2010

DRAFT CHESAPEAKE BAY TMDL

- ⦿ Largest ever developed by EPA
- ⦿ Includes pollution limits
- ⦿ Fully restore the Bay and tidal rivers by 2025
- ⦿ Final TMDL will be established December 31st

DRAFT BAY WATERSHED SETS LIMITS

- For Nitrogen and Phosphorus
- Set a range of allowable sediment pollution
- Limits based on:
 - State-of-the-art modeling tools
 - Extensive monitoring data
 - Peer-reviewed science
 - Close interaction with state partners

PENNSYLVANIA'S POLLUTION DIET

Pollutant *	1985	2009	Proposed
Nitrogen	127 million lbs. per year	99.8 million lbs. per year	71.7 million lbs. per year
Phosphorus	4.48 million lbs. per year	3.41 million lbs. per year	2.31 million lbs. per year
Sediment	2.6 billion lbs. per year	2.2 billion lbs. per year	1.76 billion lbs. per year

*Materials reaching the Chesapeake Bay from Susquehanna River

DEP'S WATERSHED IMPLEMENTATION PLAN

○ What is WIP?

- WIP is a formal action plan towards achieving and maintaining water quality standards.

○ PA's WIP is Sector based:

- Wastewater
- Agriculture
- Urban/suburban storm water
- On-site wastewater
- Forestry
- Resource extraction

IS WIP ADEQUATE?

- ◉ Disagreement between EPA and DEP about the adequacy of PA Watershed Implementation Plan.
- ◉ “Serious Deficiencies”
 - Does not meet for phosphorus (11% over), and for sediment (1% over), but does meet allocations for nitrogen (at allocations).
- ◉ Lancaster County Clean Water Consortium is included in Pa's WIP as a positive example of a multiple sector strategy for reaching the TMDLs.

HIGH-LEVEL BACKSTOP ALLOCATIONS FOR PENNSYLVANIA'S POINT SOURCES

BACKSTOP ALLOCATIONS

- ⦿ **Must get numbers down or forced by EPA to ratchet down on:**
 - Waste water treatment plants
 - Large animal agriculture operations
 - Municipal stormwater systems

CONTACT US

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October 20, 2010

NEWS TICKER NEXT SEMINAR WILL BE HELD ON THURSDAY, OCTOBER 21ST FROM 10:00 TO 11:30 AT THE MANHEIM TOWNSHIP LIBRARY.

The U.S. Environmental Protection Agency has released the draft Chesapeake Bay Total Maximum Daily Load (TMDL), a "pollution diet" that will compel sweeping actions to restore the Chesapeake Bay and its vast network of streams, creeks and rivers. [Read More](#)

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Welcome to LCCWC

On May 10, 2010, the EPA issued its Chesapeake Bay Compliance and Enforcement Strategy as part of a rigorous effort for meeting water quality standards in the Chesapeake Bay and its tidal tributaries and restoring local rivers and streams throughout the 64,000 square mile watershed.

Lancaster County, Delmarva Peninsula and Shenandoah Valley were identified as the three areas that contribute the greatest amount of manure-based agricultural nutrient loads to the Chesapeake Bay. EPA's recent actions against Lancaster County agricultural operations and sewage treatment facilities throughout the Susquehanna River Basin evidence the seriousness with which EPA is approaching the Bay issue.

It is clear that the time has come for Lancaster County to implement its own unique countywide strategy to accomplish restoration of its waterways and address pollution reduction targets for the Chesapeake Bay. *The Lancaster County Clean Water Consortium* ("Consortium") will serve as the means for achieving this end.



Photos from our first Consortium Seminar on 9/21/2010

Consortium Endorsements

Dan Zimmerman - Manager of Warwick Township

Terry Kauffman - Mount Joy Borough Authority Administrator and Borough Special Projects Manager

Karen Martynick - Executive Director of Lancaster Farmland Trust

Ralph Goodno - Executive Director of Lancaster County Conservancy

Don McNutt - Administrator of Lancaster County Conservation District

NEWS

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Upcoming Seminars
10/21 Mannheim Library
11/04 Farm & Home Co-
12/02 Mannheim Library

Time:10:00 - 11:30 AM

links

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EPA
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