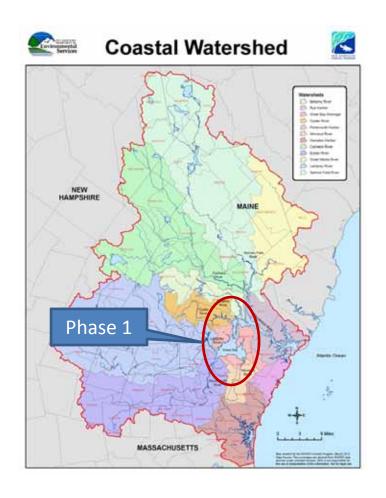


2016 NH Water & Watershed Conference
Managing New Hampshire's Water for a More Resilient
Environment – March 18, 2016
Jamie Houle, UNH Stormwater Center
Sally Soule, NH Department of Environmental Services

What is PTAPP? Who is Involved?





Why PTAPP & Why Now?

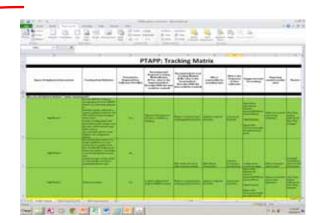


Process and Outcomes

Productive Meetings!

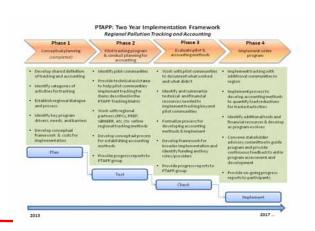






ACCOUNTING—A quantitative method for inventorying and tabulating planning, management, and conservation practices that affect hydrology and water quality

TRACKING—Information about activities that may contribute to increases or decreases in pollutant loading



Next Steps

- There are numerous accounting and tracking efforts underway in the east
- Chesapeake
- VT DEM
- LIS
- PTAPP
- Charles River
- Lake Champlain



PTAPP: Implementation Framework Regional Pollution Tracking and Accounting

Phase 3 Phase 1 Phase 2 Implementation Evaluate pilot tracking, Pilot tracking program, Implement wider Planning conduct planning for develop accounting program (completed - 2015) methods accounting · Developed shared · Develop Memorandum of · Implement tracking with Refine database based on definition of tracking and Understanding partner input - what worked additional communities and what didn't accounting · Develop andtest "beta" Continue process to develop tracking database · Identified categories of · Identify technical and accountingmethodsto financial resources needed to activities for tracking quantify load reductions for Work with partners implement tracking beyond tracked activities (Municipalities, GRANIT, Established regional pilot communities RPCs, UNHSC, DES, PREP, dialogue and process · Identify and implement GBNERR, etc.) to input · Implement process to additional tools and financial data and refine tracking · Identified key program develop accounting methods resources as program evolves methods drivers, needs, and barriers Develop framework for · Convene advisory committee · Identify process to establish Developed conceptual broader implementation and to aid in program assessment accounting methods to framework & costs for identify funding and key and development quantify load reductions for implementation roles/providers tracked activities · Provide progress reports to · Continue work group · Continue work group partners Plan meetings meetings Implement Test Check

2015 2016 2017 2018 ...

Next Steps

- There are numerous accounting and tracking efforts underway in the east
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Tracking Item	Impact & Implementation priority	Tracking Item Definition	Potential for Regional Data Collection (Yes/No)	Recommended Regional Tracking Method/Entity (If Yes, what is the regional method - Describe HOW the item could be tracked)	Recommended Local Tracking Method (If No, what is the local method - Describe HOW the item could be tracked)	Who is responsible for providing data	What is the frequency of data collection	Suggested units for tracking
Changes to the amount of EIC and disconnected IC						ı this item included in th	e row below	
New IC, IC removed, IC routed to pervious area	High/Phase 1	IC = land covered by constructed materials, such as pavement and buildings	Yes	GRANIT/RPCs - track changes in IC with land cover data every five years	Tier 1. local; Tier 2. regional	Tier 1. Municipalities; Tier 2. GRANIT/RPCs	Tier 1. annually; Tier 2. 5 years	acres
Local online tr	Sacking cacking							

Regional Tracking

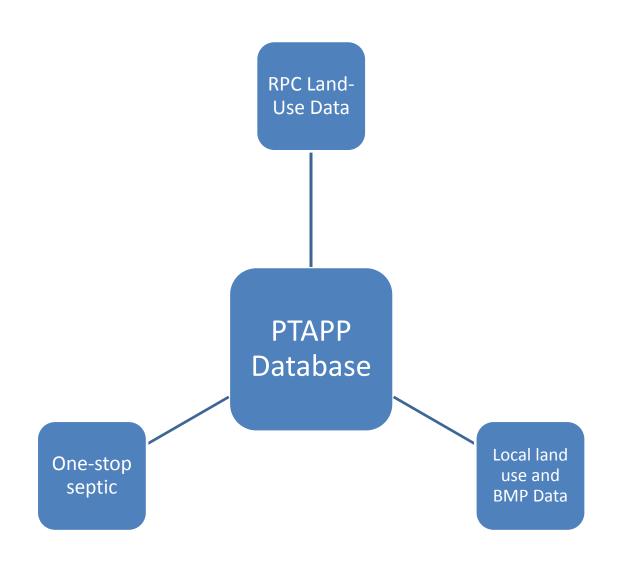
Local Tracking and Regional Database Development

- Setting up development, preview, and production environments
- Designing site layout
- Designing and implementing PTAPP database
- Developing community data entry form
- Establishing user types/permissions/user registration
- Developing reporting templates
- Site hosting (for a period of 2 years)

Regional Tracking

- Land use and land use change acreages
- Impervious surface acreage
- Conservation land acreage
- Coordinating with NH DES to acquire annual updates to relevant one-stop database

General Database Architecture



Questions???

