Fertilizer Expert Group Update

Tom Butler, EPA 2/22/2023

Background

The Chesapeake Bay Program Partnership utilizes multiple data streams to run the Chesapeake Assessment Scenario Tool.

The partnership is concerned with the quality of fertilizer data used to inform this tool

The PSC has requested the evaluation of new fertilizer data sets.

A Fertilizer Expert Group to has been formed to develop short-term resolutions to fertilizer data concerns.

Timeline (subject to change)

1-Mar-23

 Formally Meet with Fertilizer Expert Group

13-Apr-23

 Informal briefing to the MB.

30-Apr-23

 Itemize and characterize known sources of fertilizer data

8-Jun-23

 Present Path forward to the PSC













1-Apr-23

 Review Current data processing methods clearly document these steps in a Quality Assurance Project Plan (QAPP).

20-Apr-23

 USDA presentatio n to AgWG and WQGIT

May-23

 provide phase 6 recommend ations to AgWG, WQGIT, MB

Timeline (subject to change)

1-Mar-23

Formally
 Meet with
 Fertilizer
 Expert
 Group

We are here

13-Apr-23

 Informal briefing to the MB.

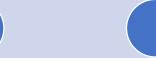
30-Apr-23

 Itemize and characterize known sources of fertilizer data

8-Jun-23

 Present Path forward to the PSC













1-Apr-23

 Review Current data processing methods clearly document these steps in a Quality Assurance Project Plan (QAPP).



 USDA presentatio n to AgWG and WQGIT

May-23

 provide phase 6 recommend ations to AgWG, WQGIT, MB

Fertilizer Expert Group members

USGS

Philip Davidson

James Davis-Martin

MD Fertilizer Expert

VA Jurisdictional

Representative

refunzer Expert Group members						
Role	POC	Role	POC	Role	POC	
MD Jurisdictional	Alisha Mulkey	PA Fertilizer Expert	David Dressler	The Fertilizer Institute	Leanna Leverich	
Representative				(Industry)	Nigon	
PA Jurisdictional	Frank Schneider	NY Fertilizer Expert	Jan Morawski	International Plant Nutrition	Tom Bruulsema	
Representative				Institute (Industry)		
NY Jurisdictional	Cassie Davis	VA Fertilizer Expert	David Gianino	USDA -NRCS	Lisa Duriancik	
Representative						
NY Jurisdictional	Greg Albrecht	DE Fertilizer Expert	Justin Lontz	USDA - NRCS	Candiss Williams	
Representative						
VA Jurisdictional	Seth Mullins	WVA Fertilizer	Chad Linton	USDA - NRCS	Leon Tillman	
Representative		Expert				

NY Jurisdictional	Greg Albrecht	DE Fertilizer Expert	Justin Lontz	USDA - NRCS	Candiss Williams
Representative					
VA Jurisdictional	Seth Mullins	WVA Fertilizer	Chad Linton	USDA - NRCS	Leon Tillman
Representative		Expert			
DE Jurisdictional	Clint Gill	DC Fertilizer Expert	Cecilia Lane	USDA - NASS	Tony Dorn
Donyacantativa					

VA Jurisdictional	Seth Mullins	WVA Fertilizer	Chad Linton	USDA - NRCS	Leon Tillman
Representative		Expert			
DE Jurisdictional	Clint Gill	DC Fertilizer Expert	Cecilia Lane	USDA - NASS	Tony Dorn
Representative					
WVA Jurisdictional	Dave Montali	DOD Fertilizer	Jessica	USDA -ARS	Tamie Veith
Representative		Expert	Rodriguez		
DC Jurisdictional	Jonathan Champion	NPS Fertilizer	Rene Senos	USDA - ARS	Curtis Dell
Representative		Expert			
DOD Jurisdictional	Kevin DuBois	CBC Representative	Marel King	VA Jurisdictional	Kevin McLean
Representative				Representative	

Alex Soroka

USDA-ERS

Robert Mosheim

Agenda topics

Review

- Charge
- Timeline
- Current data
- Methods

Potential data sources

- State reported tonnage
- USDA NASS
- Industry

Questions?