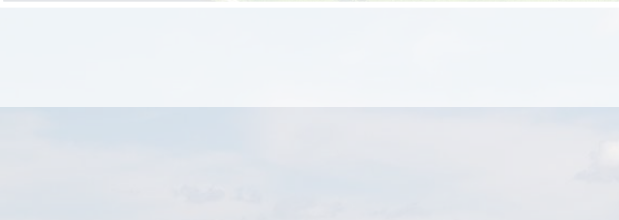
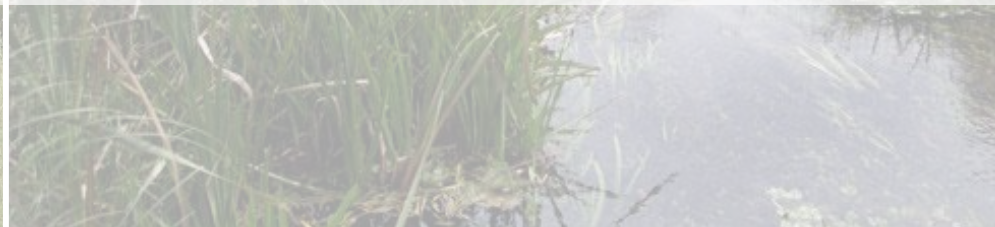


# Fertilizer Update



**Lee McDonnell, EPA CBPO**  
**Water Quality Goal Implementation Team**

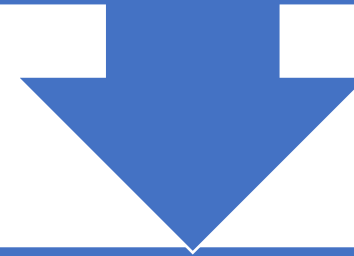
**May 22, 2023**



# AAPFCO Data

Association of American  
Plant Food Control  
Officials (AAPFCO)

Conversations between CBP and AAPFCO revealed that the Partnership-approved methods for processing AAPFCO fertilizer data needed to be updated



## Methods Updates

*Applies to Agricultural and Urban Processes*

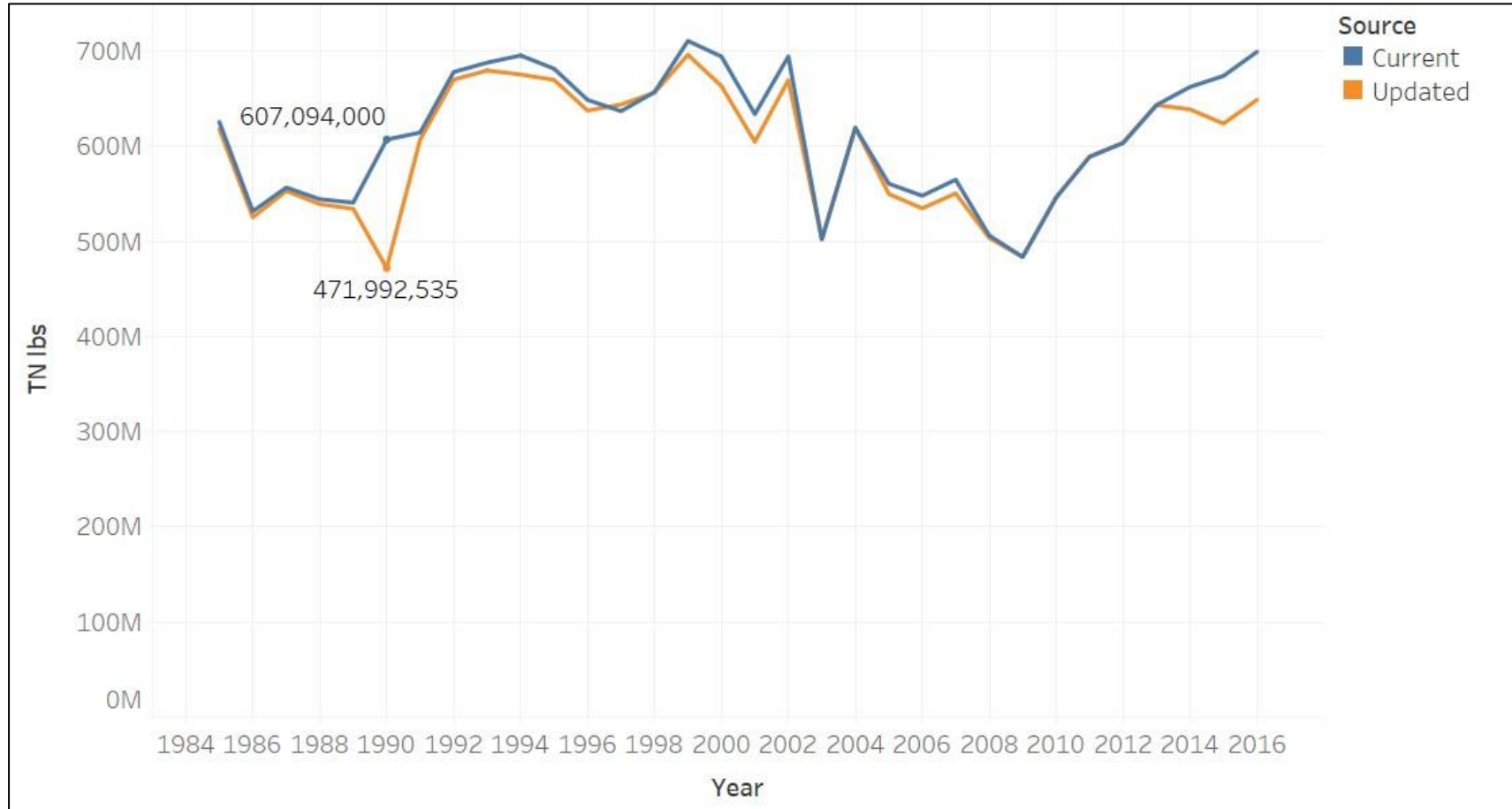
1) There are no unknown uses, only "Farm" and "Nonfarm"

2) Fertilizer records that include the letter "E" are equal to zero

3) 1997 data were imported incorrectly and these data are no longer outliers



# TN Comparison: Processed AAPFCO Farm Data



***Result: Not much difference between “Current” and “Updated” data***

# P205 Comparison: Processed AAPFCO Farm Data



*Or in some cases, no  
difference between  
“Current” and  
“Updated” data*

***Result: Not much difference between “Current” and “Updated” data***



# Agricultural Fertilizer Update

- Presentation and discussion of initial recommendations by the Fertilizer Expert Group (FEG) for agricultural fertilizer on 5/1/23
- Currently testing various recommendations encompassing the use of state reported fertilizer sales tonnage
  - Will allow for a more informed recommendation
  - Solution to AAPFCO latency issue
- What's Next
  - FEG meeting on 6/5/23 to discuss results of using different recommendations



# Urban Fertilizer Update

- Presentation on current methods to the Urban Stormwater Workgroup (USW) on 4/18/23
- Meeting with the Urban Nutrient Management (UNM) Task Force on 5/3/23
  - Discussed proposed methods changes for Phase 6
- UNM Task Force made recommendations to the USW on 5/16/23
  - Urban fertilizer data and smoothing methods for Phase 6
- What's Next:
  - USW is working to reach consensus on UNM Task Force recommendations with all jurisdictional partners



# Questions?

