



U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
**ENVIRONMENTAL  
MANAGEMENT**



# 2023 Individual Permit Monitoring Season Summary

February 28, 2024

Audrey Krehlik



ENVIRONMENTAL MANAGEMENT  
SAFETY ♦ PERFORMANCE ♦ CLEANUP ♦ CLOSURE



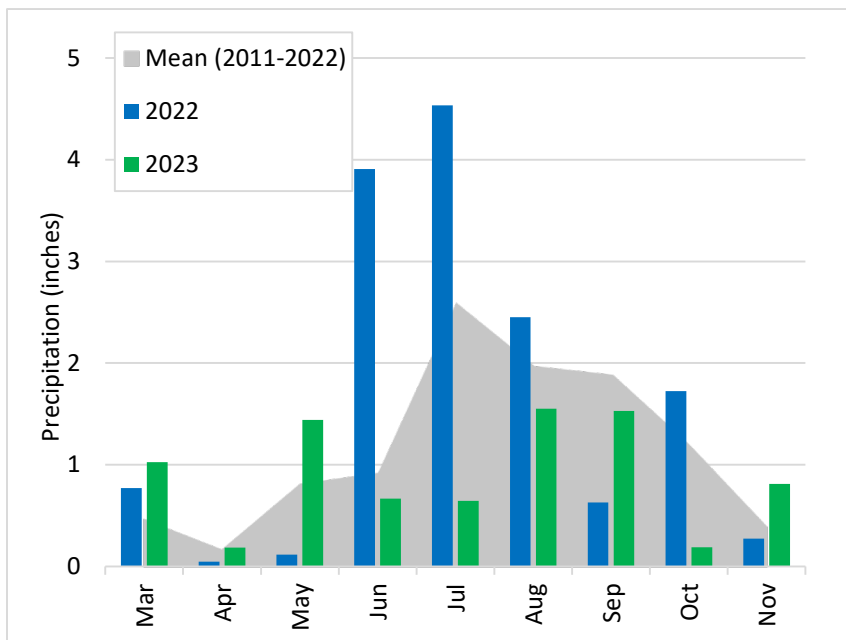


- 2023 Precipitation and Samples Collected
- 2023 TAL Exceedances
- 2023 Sampling Implementation Plan (SIP)
- SMA Data Examples
- Questions

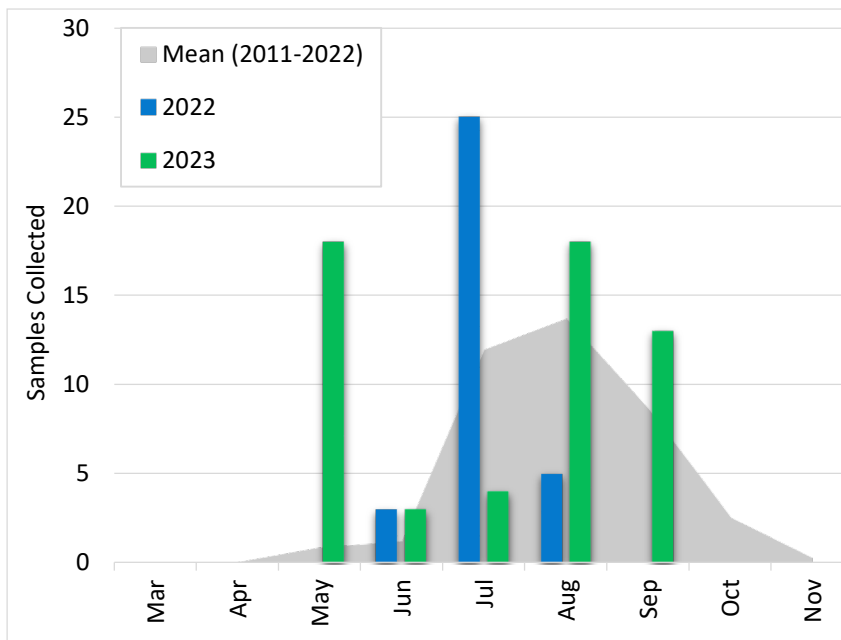




## Precipitation



## Samples Collected



- 52 samples collected from 34 Site Monitoring Areas (SMAs)
  - 15 partial samples
  - 10 SMAs collected one complete sample, 13 SMAs collected two complete samples





- 33 samples collected with no Target Action Level (TAL) exceedances
- 31 TAL exceedances at 16 SMAs
  - Aluminum (2 SMAs), Copper (7 SMAs), Total PCBs (9 SMAs), SVOCs (3 SMAs)

| SMA          | Exceedances  |
|--------------|--|
| 2M-SMA-1.43  | total PCBs (below BTV)   |
| A-SMA-6      | aluminum (below BTV), total PCBs   |
| CDV-SMA-2.42 | total PCBs   |
| CHQ-SMA-2    | copper   |
| CHQ-SMA-6    | copper   |
| LA-SMA-0.85  | copper   |
| LA-SMA-3.1   | total PCBs   |
| M-SMA-7.9    | copper   |
| PJ-SMA-3.05  | total PCBs   |
| PJ-SMA-4.05  | total PCBs (below BTV)   |
| PJ-SMA-20    | copper   |
| 2M-SMA-1.8   | benzo(b)fluoranthene, copper (below BTV), total PCBs   |
| S-SMA-3.6    | benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(a)anthracene, chrysene, indeno(1,2,3-cd)pyrene |
| S-SMA-3.62   | aluminum, copper, total PCBs   |
| STRM-SMA-4.2 | total PCBs   |
| W-SMA-5      | benzo(a)anthracene, benzo(b)fluoranthene   |







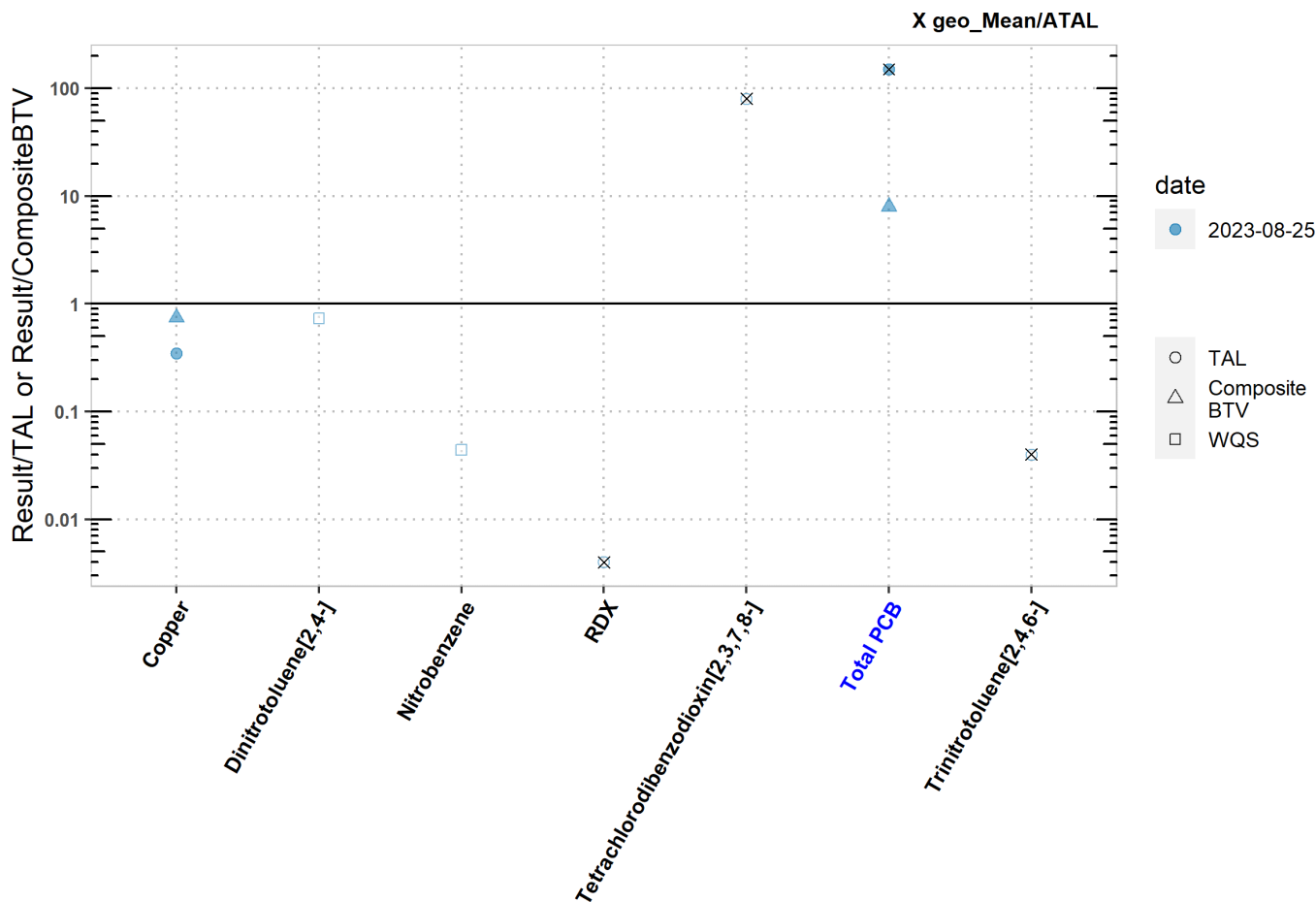
- Draft 2023 Sampling Implementation Plan submitted to NMED January 12, 2024. Comments were received on February 13, 2024. Final version is due to EPA by March 31, 2024.
- SMA status categories:

|   | 2022 SIP | 2023 SIP |
|---|----------|----------|
| Active Monitoring                       | 160      | 156      |
| Active Monitoring/<br>Corrective Action | 30       | 26       |
| Corrective Action                       | 15       | 21       |
| Long-Term<br>Stewardship                | 32       | 32       |
| SMA Deletion                            | 3        | 5        |





## CDV-SMA-2.42



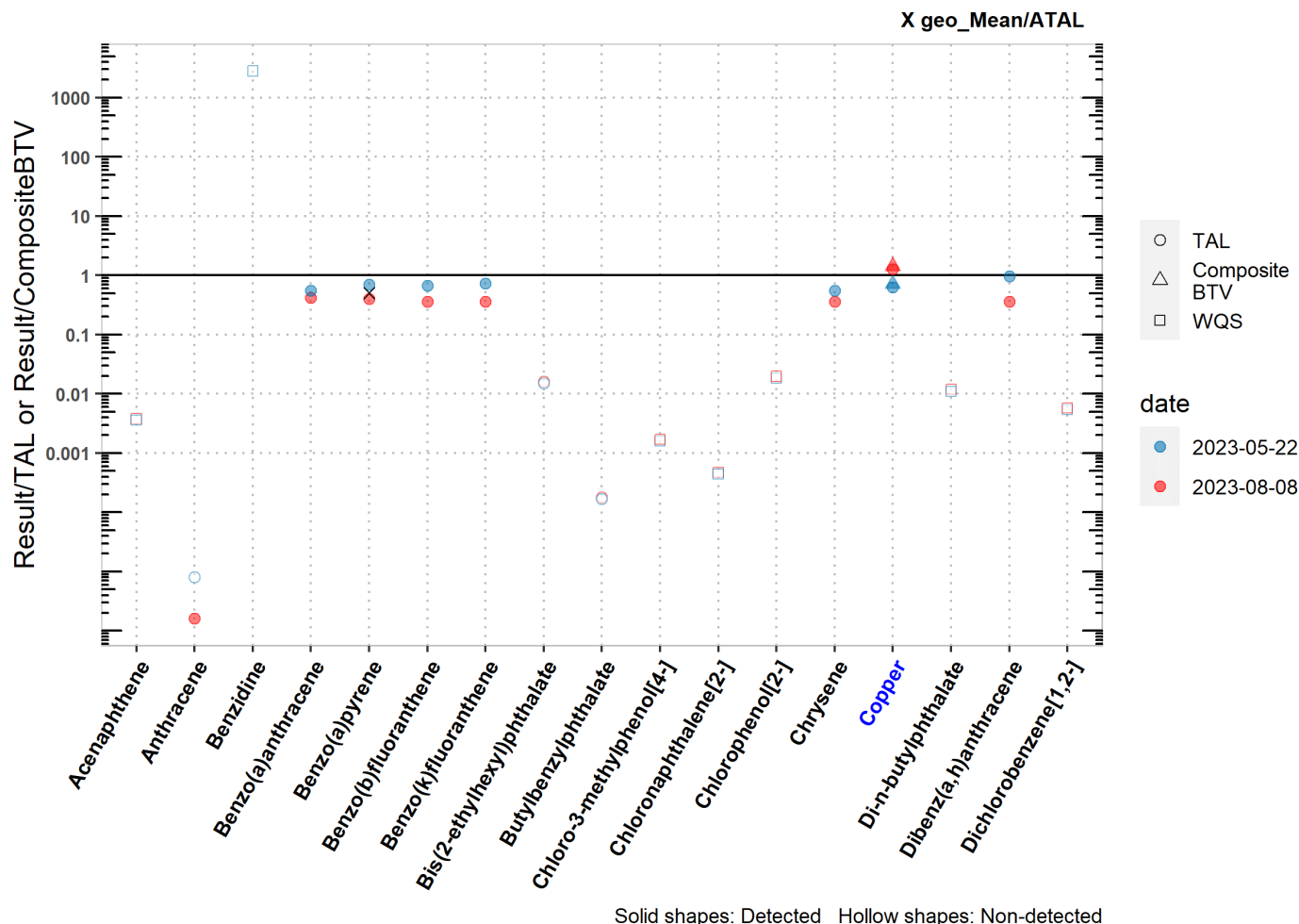
- 1 complete sample collected
- Total PCBs exceeded TAL and BTV
- 2023 status: Active Monitoring
- 2024 status: Active Monitoring
- If a second sample is not collected within 2 years (by Sept. 2025), corrective action will begin

Solid shapes: Detected    Hollow shapes: Non-detected





## CHQ-SMA-2

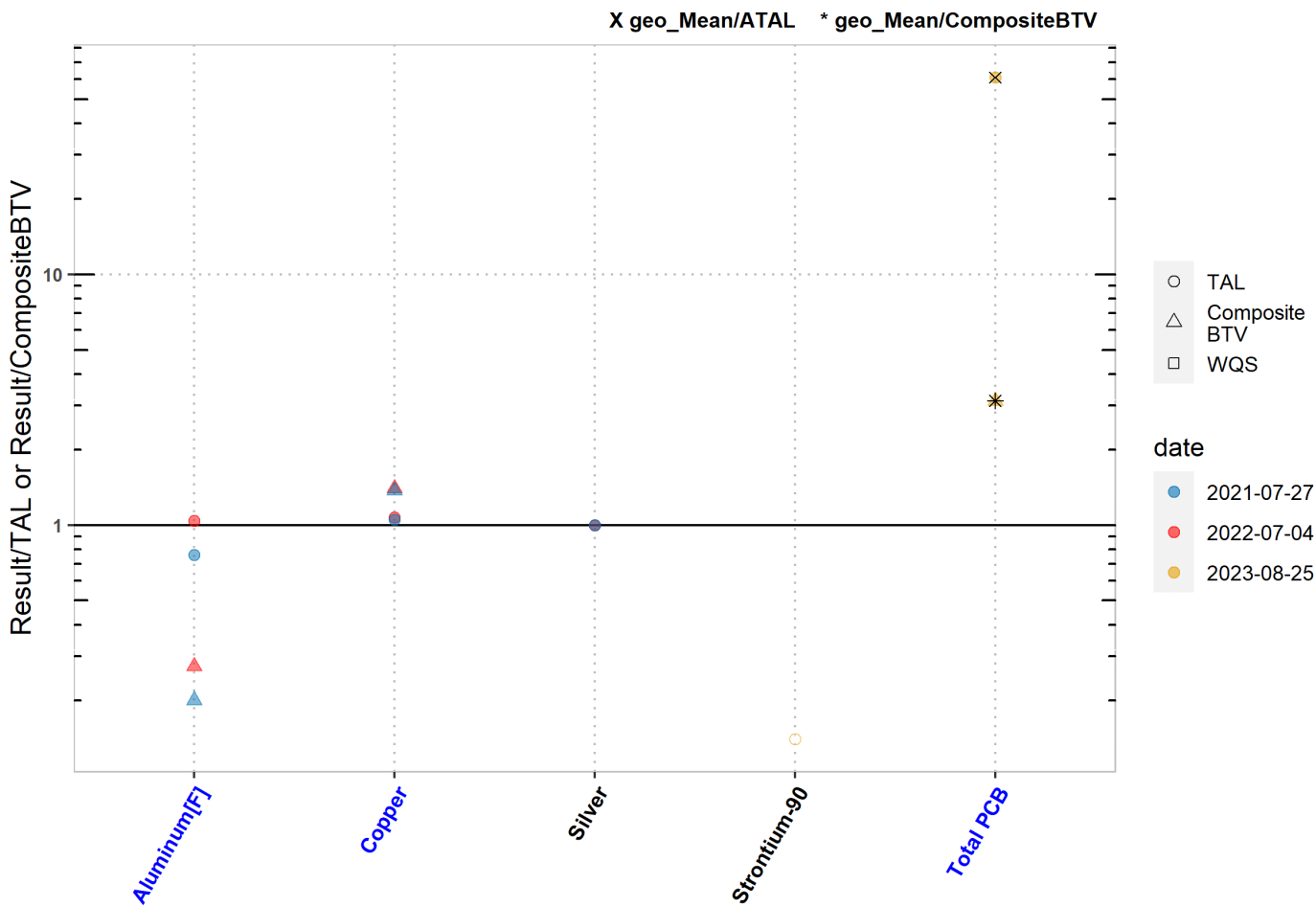


- 2 complete samples collected
- Copper exceeded TAL and BTV
- 2023 status: Active Monitoring
- 2024 status: Corrective Action
- Corrective action must be completed by September 2025.





## STRM-SMA-4.2



- 1 partial sample collected in 2023
- Copper exceeded in 2021 and 2022
- PCBs exceeded in 2023
- 2023 status: Active Monitoring
- 2024 status: Active Monitoring/ Corrective Action

○ TAL  
 △ Composite BTV  
 □ WQS

date  
 ● 2021-07-27  
 ● 2022-07-04  
 ● 2023-08-25

Solid shapes: Detected    Hollow shapes: Non-detected







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# Questions?



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