



# MIXED ANALYTE PERFORMANCE EVALUATION PROGRAM

**January 30, 2026**  
**Series 53**

## Complete Reports

**Study GrF53**  
**Study GrW53**  
**Study MaS53**  
**Study MaW53**  
**Study RdF53**  
**Study RdV53**  
**Study MaSF53**

**Gross Alpha/Beta in Air Filters**  
**Gross Alpha/Beta in Water**  
**Mixed Analytes in Soil**  
**Mixed Analytes in Water**  
**Radiological Analytes in Air Filters**  
**Radiological Analytes in Vegetation**  
**Mixed Analyte in Synthetic Fecal**

### Series Information

MAPEP constructed and shipped ~480 samples to 71 domestic laboratories and 15 international laboratories. MAPEP evaluated ~2630 results and identified 107 potential issues and 213 failures. Letters of Concern were sent to 39 participants who had a potential analytical data quality concern.

### Client Information

As part of the laboratory evaluation process, MAPEP gathers and evaluates analytical data and information that is NOT considered to be business sensitive or client confidential. MAPEP stores this data electronically or in hard-copy format. As a governmental program, MAPEP data, evaluations, and reports are not considered to be sensitive, and no expectation of confidentiality is warranted or implied.

*Cannon Johnson*

Approved for Release