



MIXED ANALYTE PERFORMANCE EVALUATION PROGRAM

July 31, 2026

Series 54

Complete Reports

Study GrF54	Gross Alpha/Beta in Air Filters
Study GrW54	Gross Alpha/Beta in Water
Study MaS54	Mixed Analytes in Soil
Study MaW54	Mixed Analytes in Water
Study RdF54	Radiological Analytes in Air Filters
Study RdV54	Radiological Analytes in Vegetation
Study MaSU54	Mixed Analytes in Synthetic Urine
Study XrM54	Special Radiological Matrix

Series Information

MAPEP Constructed and Shipped ~510 samples to 68 domestic laboratories and 14 international laboratories. MAPEP evaluated ~2750 results and identified 133 potential issues and 181 failures. Letters of Concern were sent to 42 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