

<b>Date:</b> 06/25/2021	<b>MA:</b> 3105.0	<b>Title:</b> ICP-MS Analysis with Increased Sample Mass
<b>Method Source:</b> SFAM01.1	<b>Method:</b> ICP-MS	
<b>Matrix:</b> Soil/Sediment		
<b>Summary of Modification</b>		
<p>The purpose of this modified analysis is to analyze dried, composited, and sieved soil/sediment samples by ICP-MS (processed by Incremental Sampling Methodology). Unless specifically modified by this modification, all analyses, Quality Control (QC), and reporting requirements specified in the SOW listed in your current EPA agreement remain unchanged and in full force and effect.</p>		
<b>I. Analyte Modifications</b>		<b>Not applicable</b> <input checked="" type="checkbox"/>
<b>II. Calibration and QC Requirements</b>		<b>Not applicable</b> <input checked="" type="checkbox"/>
<b>III. Preparation and Method Modifications</b>		<b>Not applicable</b> <input type="checkbox"/>
<p>The Laboratory shall:</p> <ul style="list-style-type: none"> <li>• Calculate and report results for the samples on the basis of 100% solids. The Laboratory is not required to determine the Percent (%) Solids for the samples.</li> <li>• Receive the composited samples dried and sieved prior to shipment to the Laboratory. The samples will be received in plastic baggies as individual aliquots with approximately 2 grams each. The aliquots shall not be re-combined and/or subsampled at the Laboratory.</li> <li>• Not increase the amount of acid reagents added to the sample to account for the increase in mass.</li> <li>• Store the samples at ambient temperature from the time of receipt until preparation. Do not refrigerate.</li> <li>• Remove and weigh the entire content within each baggie followed by digesting the entire sample per the SOW.</li> <li>• Prepare and analyze Matrix Spikes and Duplicates if additional aliquots were provided for these analyses.</li> </ul>		
<b>IV. Special Reporting Requirements</b>		<b>Not applicable</b> <input type="checkbox"/>
<ul style="list-style-type: none"> <li>• Report 100.0 on Form 1 for % Solids.</li> <li>• Ensure that the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the corrective action taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses or re-preparations performed, and problems with the analysis of samples. Also include a discussion of any SOW Modified Analysis including a copy of the approved modification with the SDG Narrative.</li> </ul>		