

<b>Date:</b> 10/04/2021	<b>MA:</b> 3123.0	<b>Title:</b> Mercury with SPLP with Reduced Ratio of Extraction Fluid to Sample
<b>Method Source:</b> SFAM01.1	<b>Method:</b> CVAA	
<b>Matrix:</b> Soil/Sediment		
<b>Summary of Modification</b>		
The purpose of this modified analysis is to prepare modified SPLP leachates of samples and analyze them for Mercury by CVAA. 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.		
<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"/>
The Laboratory shall: <ul style="list-style-type: none"> <li>• Calculate the amount of extraction fluid necessary for each sample based on 4 times the percent solids x weight of sample filtered. See Equation 33 in Section 3.6 of Exhibit G and change the "20" to "4" for calculating the amount of fluid required.</li> <li>• Digest the extracts using the aqueous sample preparation method for Mercury samples. Prepare the extraction blank as the Leachate Extraction Blank (LEB).</li> <li>• If there is insufficient volume for the full-volume preparation of samples by all scheduled analytical methods, prepare the samples at reduced volume with adjusted reagent and spike volumes.</li> </ul>		
<b>IV. Special Reporting Requirements</b>	<b>Not applicable</b>	<input type="checkbox"/>
The Laboratory shall: <ul style="list-style-type: none"> <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 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>		

<b>Date:</b> 10/04/2021	<b>MA:</b> 3124.0	<b>Title:</b> ICP-AES with SPLP with Reduced Ratio of Extraction Fluid to Sample
<b>Method Source:</b> SFAM01.1	<b>Method:</b> ICP-AES	
<b>Matrix:</b> Soil/Sediment		
<b>Summary of Modification</b>		
The purpose of this modified analysis is to prepare modified SPLP leachates of samples and analyze them by ICP-AES. 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.		
<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"/>
The Laboratory shall: <ul style="list-style-type: none"> <li>• Calculate the amount of extraction fluid necessary for each sample based on 4 times the percent solids x weight of sample filtered. See Equation 33 in Section 3.6 of Exhibit G and change the "20" to "4" for calculating the amount of fluid required.</li> <li>• Digest the extracts using the aqueous sample preparation method for ICP-AES samples. Prepare the extraction blank as the Leachate Extraction Blank (LEB).</li> <li>• If there is insufficient volume for the full-volume preparation of samples by all scheduled analytical methods, prepare the samples at reduced volume with adjusted reagent and spike volumes. The sample final volume shall equal the sample initial volume.</li> </ul>		
<b>IV. Special Reporting Requirements</b>		<b>Not applicable</b> <input type="checkbox"/>
The Laboratory shall: <ul style="list-style-type: none"> <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 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>		