

### Modifications Updating ISM01.2 to ISM 1.3

Exhibit Section(s)	Revisions
Exhibit A, Section 4.2.1.2.3.4	<p>The recording of cooler temperature has been revised as follows:</p> <p style="padding-left: 40px;">“The Contractor shall record the temperature of the cooler on Form DC-1, under Item 9 - Cooler Temperature.</p> <p style="text-align: center;">BEGIN INSERTION</p> <p style="padding-left: 40px;">If ice is present, that will be noted in the remarks column.</p> <p style="text-align: center;">END INSERTION</p> <p style="padding-left: 40px;">(see Exhibit B).”</p>
Exhibit B, Section 2.5.2.3.4, Table 2	<p>The Codes for Labeling Data have been revised as follows:</p> <p>For Continuing Calibration Verification the laboratory shall use CCV##. For Continuing Calibration Blank the laboratory shall use CCB##. For Laboratory Control Sample the laboratory shall use LCS##. For Preparation Blank (Aqueous/Water) the laboratory shall use PBW##. For Preparation Blank (Soil/Sediment) the laboratory shall use PBS##. For Preparation Blank (Wipe/Filter) the laboratory shall use PBF##.</p> <p>Insert Footnote 3 “Within a fraction, the two-character suffix (##) should be unique for each instance of each sample type within an SDG. The Contractor may achieve this by replacing the suffix with one or two alpha-numeric characters”.</p>
Exhibit B, Section 2.12	<p>The delivery of hardcopy data in PDF format has been revised as follows:</p> <p>In addition to all required deliverables identified in the Laboratory’s contract and the ISM01.2 SOW, the laboratory shall provide a complete copy of the hardcopy deliverable in PDF via EXES. The Laboratory may upload CSF in PDF via EXES at: <a href="http://epasmoweb.fedcsc.com/scstr/">http://epasmoweb.fedcsc.com/scstr/</a> and follow the naming convention for the PDF file. The format of the PDF file name should be Case Number_SDG Number_Contract Number_Submission type. For Example: 40000_MAB123_EPW05000_FS.</p> <p>The following identifiers are utilized for submission type:</p> <p>First Submission = FS</p>

	<p>Replacement Submission = RS (if you have to send in a complete replacement of the first submission PDF)</p> <p>Reconciliation Submission = R# (# representing the recon submission number – for example the first recon will be R1)</p> <p>Additional Data Submission = A# (# representing the additional data submission number - for example the first additional data will be A1)</p>
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Exhibit Section(s)	Revisions
Exhibit B, Section 3.3.9.1	<p>The language has been revised as follows:</p> <p>FROM:</p> <p>“NOTE: All results shall be transcribed to Inorganic Forms IIA-IN through XV-IN from...”</p> <p>TO:</p> <p>NOTE: All results shall be transcribed to Inorganic Forms IIA-IN through XVI-IN from...</p>
Exhibit Section(s)	Revisions
Exhibit D – Part A, Analytical Methods for ICP – Atomic Emission Spectroscopy, Section 10.1.5.1.5	<p>The sample preparation instructions have been revised as follows:</p> <p>From:</p> <p>“Filter the sample digestate... make to volume with reagent water, stopper, and mix.”</p> <p>(BEGIN INSERTION)</p> <p>NOTE: In place of filtering, the sample (after dilution and mixing) may be centrifuged or allowed to settle by gravity overnight to remove insoluble material.</p> <p>(END INSERTION)</p> <p>“The sample is now ready for analysis.”</p>

Exhibit Section(s)	Revisions
Exhibit D – Part B, Analytical Methods for Inductively Coupled Plasma – Mass Spectrometry, Table 3	<p>The Recommended Isotopes and Masses for Selected Elements have been revised as follows:</p> <p>For Element of Interest: Calcium</p> <p>Under “Analyte Masses – Choose One, or More – Calibrated”</p> <p>(BEGIN INSERTION)</p> <p>40</p> <p>(END INSERTION)</p>
Exhibit D – Part B, Analytical Methods for Inductively Coupled Plasma – Mass Spectrometry, Table 6	<p>The spiking Levels for Spike Sample Analysis have been revised as follows:</p> <p>The spike level for selenium is 100 ug/L and 10 mg/Kg for aqueous and soils respectively</p>