

Summary of Changes: ISM02.1 to ISM02.2

The following Summary of Changes highlights the major modifications implemented in SOW ISM02.2 compared to SOW ISM02.1.

This is a high-level summary and is not intended to be a complete or comprehensive listing of every modification. Interested parties are strongly encouraged to read the complete SOW and familiarize themselves with all of the requirements.

ISM02.2

Global

The title, roles, and responsibilities of the EPA staff have been updated as follows, throughout the document, wherever applicable:

- EPA Analytical Services Branch Program Manager (ASB PM) has been replaced with EPA Analytical Services Branch Contract Laboratory Program Contracting Officer Representative (ASB CLP COR).
- EPA Contract Laboratory Program Project Officer (CLP PO) has been replaced with EPA Regional Laboratory Contracting Officer Representative (COR).

Exhibit A

- **Section 4.1.2.1** – Sample preparation methods shall now remain consistent for all samples analyzed within a Sample Delivery Group (SDG).
- **Sections 5.4.4.3 and 5.4.4.4** – The requirements for thermometer accuracy have been updated.
- **Sections 5.4.4.5** – The requirement for the shipping container temperature has been updated from 10°C to 6°C.

Exhibit B

- **Section 2.3.2** – The list of fraction/analysis for each sample to be reported on the SDG Definition Sheet has been replaced with a list of method/analysis for each sample.
- **Sections 2.4.7.1, 2.4.8.1, 2.4.9.1, and 2.4.10.1** – A statement that specifies that “the validation and release of these results shall be authorized by a specific signed statement on the Cover Page” has been added.
- **Section 2.6.2.1.2/Table 3** – The Child Bookmark associated with “Raw Data” for all four methods has been updated to “PE/PT Instruction Forms”.
- **Section 2.6.2.1.2/Table 3** – The Child Bookmark associated with “Sample Data” for all four methods has been updated to “Inorganic Analysis Data Sheet in increasing alphanumeric EPA Sample Number order”.
- **Section 3.2.3** – The rounding rules examples have been revised.
- **Section 3.2.4** – Form 1-IN has been included in the list of forms for the significant figures requirements.
- **Section 3.4.2.2.1** – Instructions for the “Lab Sample ID” field have been added.

- **Section 3.4.19.2.6** – Variance and standard deviation have been added to the list of weighting factors.

Exhibit B – Forms

- **Cover Page** – “Data package” has been replaced with “Complete SDG File” in the statement at the bottom of the page.

Exhibit D – General

- **Section 10.1.1** – Additional requirements for sample handling and drying have been specified.
- **Section 10.1.2** – The existing requirements for samples drying have been clarified.
- **Section 10.2** – The publication year of the EPA SW-846 method reference has been updated to September 1994. In addition, cleaning and testing procedures requirements for the TCLP vessels and devices have been added.
- **Section 10.2.4.4.3** – The section reference has been updated to 10.2.2.1.3.

Exhibit D – ICP-AES

- **Section 9.3.4.2** – Variance and standard deviation have been added to the list of weighted linear regression examples.

Exhibit D – ICP-MS

- **Section 9.4.4.2** – Variance and standard deviation have been added to the list of weighted linear regression examples.

Exhibit D – Mercury

- **Section 9.3.4.2** – Variance and standard deviation have been added to the list of weighted linear regression examples.

Exhibit D – Cyanide

- **Section 9.3.4.2** – Variance and standard deviation have been added to the list of weighted linear regression examples.

Exhibit F

- **Section 9.2** – The Contractor’s response time to a submission request from an EPA Region has been updated from 6 to 5 business days.

Section 10/Table 1/Exhibit F – The reference sections for the Data Package Audits Performance Standards and for the Electronic Data Evaluation and Audits QA Monitoring Plan have been updated.

Exhibit H

- **Section 3.1.2** – “Leachate Extraction Blank (LEB)” and “Non-Client Sample (NCS)” have been added to the list of samples that require a SamplePlusMethod node.
- **Section 3.1.3** – The requirement for the ReportedResult node has been clarified.
- **Section 3.1.7** – The requirement for the Analysis node has been clarified.

- **Section 5.5** – The file format for the electronic deliverable has been updated from “Case number_SDG number_contract number_submission number_DTD used_Fraction” to “Case number_SDG number_contract number_submission number_DTD used_Method”.
- **Section 7.0** – “Leachate Extraction Blank (LEB)” has been included in the list of samples.
- **Tables 1 and 2** – “Variance” and “Standard Deviation” have been added to the list of Instructions for the WeightingFactor data element of the Initial Calibration.
- **Tables 1, 2 and 3** – The ClientMethodID and MethodID data elements value has been updated to “ISM02.2”, where applicable.
- **Appendix A/Table A-1** – The reporting instructions for the “Replicate ##” column have been updated.