

Summary of Changes: SOM01.2 to SOM02.0

The following Summary of Changes highlights the major modifications implemented in SOW SOM02.0 compared to the current SOW.

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 new SOW and familiarize themselves with all of the requirements.

SOM02.0

Exhibit B

Most forms are generic with the specific analytes and applicable QC limits removed. The laboratory will need to report the appropriate analytes and QC limits on the applicable forms.

The Portable Document Format (PDF) of the Complete Sample Delivery Group deliverable is to be submitted as a searchable PDF file.

Exhibit C

1,4-Dioxane has been moved from the VOA methods to the SVOA method.

4-Chloroaniline has been removed from the SVOA TAL.

3-Methylphenol has been added to the SVOA TAL for the analysis of TCLP extracts.

Alpha-Chlordane has been renamed cis-Chlordane for pesticides.

Gamma-Chlordane has been renamed trans-Chlordane for pesticides.

CRQLs for 13 SVOA target analytes are raised from 5.0 ug/L for water samples, 170 ug/kg for low soil samples and 10000 ug/kg for medium soil samples 10 ug/L, 330 ug/Kg and 10000 ug/kg respectively. These analytes are Benzaldehyde, Phenol, Bis(2-chloroethyl) ether, 2-Methylphenol, 4-Methylphenol, 2,2'-Oxybis(1—chloropropane), Caprolactam, Hexachlorocyclopentadiene, Atrazine, Carbazole, Fluoranthene, 3,3'-Dichlorobenzidine and Di-n-octylphthalate.

Exhibit D

Two new Exhibits have been added to create a central location for requirements that are common to all of the analytical Exhibit Ds, and to specify the requirements for TCLP and SPLP, as well as the procedure for Percent Solids determination.

QC criteria limits have been updated for all pre-existing CLP methods.

Procedures have been added to the CLP organic methods to provide guidelines for samples needing high dilutions both with and without high levels of target analytes.

Analysis of PAHs only, by both full-scan and SIM, may now be scheduled under Semivolatile Exhibit D.

All multi-peak analytes, including toxaphene and aroclors, will require the use of five peaks for qualitative and quantitative analysis.

Exhibit E – Quality Systems and Exhibit F – Programmatic Quality Assurance/Quality Control Elements

These Exhibits have been extensively reorganized. Exhibit E now includes requirements for: Quality Management Plans; Quality Assurance Project Plans; Standard Operating Procedures; and Chain-of Custody. Exhibit F now includes requirements for: Proficiency Testing program with both Performance Evaluation (PE) samples and Proficiency Testing (PT) audit samples; Contract Compliance Screening; On-site audits; Data Package audits; Electronic Data audits; and Regional Data Review.

Exhibit H

The SEDD version has been updated to SEDD Specification 5.2, and requirements for SEDD Stage 2b and SEDD Stage 2a deliverables have been added.

Instruction tables are now based on the instrumentation used rather than specific analytical methods.

Method Detection Limit (MDL) study data is required to be submitted as an EDD. Instructions for MDL EDD submittal are provided in Appendix A.