

DATA ITEM DESCRIPTION

Title: Munitions Constituents Chemical Data Quality Deliverables

Number: HNC-005.01

Approval Date: 20150211

AMSC Number:

Limitation:

DTIC Applicable: No

GIDEP Applicable: No

Office of Primary Responsibility: CEHNC-EDC-E

Applicable Forms:

Use/Relationship: Munitions Constituents (MC) Chemical Data Quality Deliverables will be used to describe planning and results of sampling and analysis, quality assurance/quality control, laboratory qualification, data acquisition/data reporting, and chain-of-custody when environmental samples are required for Munitions Response or other munitions related projects.

1.0 REFERENCES

The publications listed below form a part of this DID to the extent referenced. The publications are referred to in the text by basic designation only.

DEPARTMENT OF DEFENSE

OSD memorandum: DoD Environmental Laboratory Accreditation Program (DoD ELAP), December 24, 2008 (will be rescinded and replaced by a citation in DOD Instruction Number 4715.15)

Uniform Federal Policy for Quality Assurance Project Plans (latest version) (DoD/EPA/DOE joint publication)

DOD Quality Systems Manual for Environmental Laboratories (DoD QSM) (latest version) as referenced in DOD Instruction Number 4715.15

Uniform Federal Policy for Quality Assurance Project Plans (latest version) (DoD/EPA/DoE joint publication) as referenced in DOD Instruction Number 4715.15

Department of Defense Policy and Guidelines for Acquisitions Involving Environmental Sampling or Testing

U.S. ARMY CORPS OF ENGINEERS (USACE)

HQ USACE Memorandum HTRW Chemical Data Quality Management (CDQM) Policy for Environmental Laboratory Testing, September 30, 2004.

EM 200-1-6 Chemical Quality Assurance

ER 200-1-7 Data Quality Management for Hazardous, Toxic, Radioactive Waste Remedial Activities

EP 75-1-3 Recovered Chemical Warfare Materiel (RCWM) Response

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| IG 14-01 (EM 200-1-15) | Technical Guidance for Military Munitions Response Actions |
| U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) | |
| EPA 540-R-99-008 | Contract Laboratory Program National Functional Guidelines for Organic Data Review |
| EPA 540-R-04-004 | Contract Laboratory Program National Functional Guidelines for Inorganic Data Review |
| EPA 530/F-93/004 (Rev 0; updates I, II, IIA, IIB, III, IIIA, IIIB, IVA, and IVB) | Test Methods for Evaluating Solid Waste (Vol. IA, IB, IC, and II) and new methods published at http://www.epa.gov/epaoswer/hazwaste/test/new-meth.htm |

1 SUBMITTALS

In addition to requirements in IG 14-01 (EM 200-1-15), the contractor shall provide the following submittals. Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. The following shall be submitted in accordance with project-specific statements of work:

1.1 Chemistry Data Package.

The chemistry data package shall be provided to Contracting Agency after each sampling event.

1.2 Electronic Data Deliverable; G.

All laboratory data for samples analyzed by commercial laboratories shall be submitted in the Staged Electronic Data Deliverable (SEDD) format unless the PWS/SOW states otherwise. Details on the SEDD format are provided in SEDD Version 5.2 (or most recent version) [specification located at http://www.epa.gov/superfund/programs/clp/sedd.htm](http://www.epa.gov/superfund/programs/clp/sedd.htm). The following software is available upon request to support this task as government furnished software: Environmental Data Management System (EDMS), MRSPP Wizard, and Forms II Lite. The following software is available for a fee from Laboratory Data Consultants (2071 Loker Ave West, Suite 220, Carlsbad, CA 92010, 760-827-1100, <http://www.lab-data.com>); Automated Data Software (ADR.NET). Use of the ADR.NET software is mandatory, use of EDMS and Forms II Lite are optional. Use of the MRSPP Wizard is mandatory if MRSPP preparation is part of the SOW/PWS. Electronic data deliverables for Chemistry Data are required prior to approval of a Final Report. These deliverables shall be reviewed and must be found acceptable for milestone approval.

1.2.1 For SEDD Stage 2A files, the files shall successfully pass the EPA Stage 2A checker (<http://epasmoweb.fedcsc.com/seddchecker/uploadservlet>)

1.2.2 For SEDD Stage 2B files, there is no current known checker of this type. If the 2A checker can be used to check those portions of the 2B files, it shall be used.

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1.2.3 The reviewed files (PREP files) shall be consistent with flagged data tables provided in the report. If there are manually derived data flags (from hard copy review), they shall be documented in the reviewed data file.

2 CHEMISTRY DATA PACKAGE

The chemistry data package shall be produced and provided through Contractor to the USACE. The laboratory shall report all analytical results greater than the Limit of Detection (LOD), which, in the analyst's professional judgment, are believed to be reliably detected. LOQs shall be at least 3 times LODs for all analytes.

3.0 End of DID HNC-005.01.