

DATA ITEM DESCRIPTION	FORM APPROVAL OMB NO 0704-0188
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1. TITLE Sampling and Analysis Plan	2. IDENTIFICATION NUMBER OT-005-10
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3. DESCRIPTION / PURPOSE To provide requirements for a plan describing sampling and analysis, quality assurance/quality control, laboratory qualification, data acquisition/data reporting, and chain-of-custody when samples are required for Ordnance and Explosives (OE) projects.
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4. APPROVAL DATE (YYMMDD) 990205	5. OFFICE OF PRIMARY RESPONSIBILITY CEHNC-ED-CS-P/G	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
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7. APPLICATION / INTERRELATIONSHIP This Data Item Description contains instructions for preparing Work Plan chapters for OE projects when soil, sludge, sediment, ash, and/or water samples are required.
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8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
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<p>10. PREPARATION INSTRUCTIONS</p> <p>10.1 The Sampling and Analysis Plan shall be a site-specific plan that shall describe the contractor-s procedures, equipment, and methods to collect and preserve samples.</p> <p>10.2 The Sampling and Analysis Plan shall be a site-specific plan that shall describe the contractor-s procedures, equipment, and methods to analyze collected samples, both in the field and laboratory.</p> <p>10.3 The Sampling and Analysis Plan shall be a site-specific plan that shall describe the contractor-s procedures, equipment, and methods to ship the collected samples.</p> <p>10.4 The Sampling and Analysis Plan shall be a site-specific plan that shall describe the contractor-s procedures, equipment, and methods to perform quality assurance/quality control for the project.</p> <p>10.5 The Sampling and Analysis Plan shall be a site-specific plan that shall describe the contractor-s procedures for data reporting.</p> <p>10.6 The Sampling and Analysis Plan shall identify the laboratory that will perform analytical work.</p> <p style="padding-left: 20px;">10.6.1 For analysis of hazardous and toxic waste (HTW), the proposed laboratory must be validated by the Corps of Engineers. The proposed laboratory shall also be an EPA contract laboratory or be familiar with the Contract Laboratory Program (CLP) requirements and can perform CLP work. A copy of the validation shall be included as Appendix to the Sampling and Analysis Plan.</p> <p style="padding-left: 20px;">10.6.2 For analysis of samples suspected of chemical agent contamination, the contractor shall use a certified DoD Chemical Surety Material (CSM) laboratory. In addition, at the discretion of the Contracting Officer, a certified mobile laboratory may be required. Certification shall be obtained through the Contracting Officer from the following:</p> <p style="padding-left: 40px;">Director, U.S. Army Edgewood Chemical & Biological Center ATTN: ECBC-COR-C (Kelly McGuire) Aberdeen Proving Ground, MD 21010-5423 Phone: 410-436-8428</p>
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11. DISTRIBUTION STATEMENT

Data Item Description OT-005-10 (Continued):

10.7 The Sampling and Analysis Plan shall identify the number and locations of samples to be collected, including QA/QC samples. When sampling for chemical agent contamination, the methodology for deciding when a sample should be collected should also be described. The Sampling and Analysis Plan shall identify the EPA approved methods to be used. If the methods are not the EPA approved methods, the certified agencies of the methods shall be identified.

10.8 The Sampling and Analysis Plan shall identify all of the contaminants of concern and the associated detection limits.