

## DATA ITEM DESCRIPTION

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Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. TITLE Environmental Cleanup Plan		2. IDENTIFICATION NUMBER DI-ENVR-81377	
3. DESCRIPTION / PURPOSE 3.1 The environmental cleanup plan baselines existing conditions and describes the methods and procedures that will be used to bring sites into compliance with environmental regulations. 3.2 The plan is used by the government to assess the level of effort required to clean up a site and evaluate the adequacy of the approach.			
4. APPROVAL DATE (YYMMDD) 931216	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) F/AFCEE-ESK	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
7. APPLICATION / INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract. 7.2 This DID is applicable to the acquisition of environmental services.			
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER F6976
10. PREPARATION INSTRUCTIONS 10.1 <u>Format</u> . Contractor format acceptable. 10.2 <u>Content requirements</u> . The plan shall include: 10.2.1 <u>Site background</u> . a. Site description and history. b. Previous investigations summary. c. Previous analytical results and recommendations. 10.2.2 <u>Project activities</u> . a. List of overall objectives. b. Scope of work. c. Scheduling and time management. d. Resources management. e. Residual and waste management objectives. f. Record keeping and reporting. g. Data quality and submittal requirements.  (Continued on Page 2)			
11. DISTRIBUTION DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.			

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Block 10, Preparation Instructions (Continued)

10.2.3 Remediation management.

- a. Cleanup goals and how established.
- b. References to content of records of decision, written agreements, memorandum of understanding, and consent decrees.
- c. Schedule constraints.
- d. Subcontractor activities.
- e. Regulatory agency involvement.
- f. Milestones and other measures of performance.

10.2.4 Siting analysis.

- a. Display of surficial geologic and topographic features within a specified radius from the site.
- b. Identification of buildings, roads, utilities, pipelines, hospitals, schools, residences and other prominent features.
- c. A topographic map and cross sectional projectors showing extent of contaminated areas. Two intersecting cross sections shall describe subsurface hydrogeologic conditions and contamination at the mapped scale.
- d. Estimates of contaminated material volume and contaminant concentrations.
- e. Site map with existing and projected surface contours and areas to be cleared, excavated and graded. Estimates of volumes for each operation shall be included.
- f. Locations of remedial equipment, staging areas, exclusion zones, transportation routes, utility hookups, pipelines, and security shall be provided.
- g. Denote identification of alternate locations and analysis of related problems that may affect siting, considering site geology, hydrology, climate, and contaminant migration pathways.
- h. Permit and record keeping requirements.
- i. Estimated costs for transportation and disposal.
- j. Transportation routes.
- k. Off-site disposal facilities capabilities for managing contaminated materials.

10.2.5 Site preparation.

- a. Site clearance procedures.
- b. Site ground preparation.
- c. Site utility requirements.
- d. Availability of contaminated material facilities.

10.2.6 Bench-scale test planning.

- a. Bench-scale study objectives.
- b. Test specifications and procedures.
- c. Analyses and use of test results.
- d. Quality assurance measures.
- e. Location of test equipment and materials.
- f. Applicable technology description.
- g. Test scheduling.
- h. Recording and reporting test results.

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Block 10, Preparation Instructions (Continued)

10.2.7 Site security.

- a. Use and maintenance of security equipment.
- b. Standard security operating procedures.
- c. Security measures.
- d. Procedures implemented to detect any violations of security measures.
- e. Personnel responses to security violations.

10.2.8 Air modeling and monitoring.

- a. Air contaminants of concern.
- b. Meteorological history and conditions.
- c. Description of air modeling tool utilization, assumptions, and theory.
- d. Descriptions and applications of measurement and detection equipment.
- e. Frequency of monitoring.

10.2.9 Surface water management.

- a. Storm water run-off planning and controls.
- b. List of potential contaminants.
- c. Prevention measures and response procedures to contamination release.
- d. Potential contaminant release pathways.
- e. Water balance determination and analysis.
- f. Opportunities for treated surface water reuse.

10.2.10 Ground water management.

- a. Ground water management and controls.
- b. Potential contaminants.
- c. Hydrogeologic formations.
- d. Potential contaminant releases pathways.
- e. Preventive measures and response procedures to contamination release.
- f. Water balance determination and analysis.
- g. Opportunities for reuse of treated ground water.

10.2.11 Spill and discharge control.

- a. Types, and physical and chemical properties of hazardous materials and wastes.
- b. Categorization of levels of spills and discharges.
- c. Control procedures and protective measures.
- d. Regulatory and base spill response plans.

10.2.12 Emission control of particulates and volatile materials.

- a. Procedures for detecting and monitoring volatile and particulate emissions. The identification of the action level or criteria requiring a response.
- b. Routine and emergency response procedures for controlling contaminant emissions.

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Block 10, Preparation Instructions (Continued)

10.2.13 Erosion control.

- a. Future site use.
- b. Erosion potential and estimated rate of erosion.
- c. Control technologies.

10.2.14 Asbestos abatement.

- a. Work activities required before abatement takes place. Consideration and factors affecting asbestos abatement.
- b. Procedures to be implemented for medical surveillance of personnel.
- c. Worker protection: respiratory controls and personal protective equipment requirements.
- d. Control procedures for airborne fibers.
- e. Procedures for air sampling before, during and after abatement.
- f. Decontamination of work area.
- g. Waste disposal requirements.
- h. Encapsulation applications and procedures.

10.2.15 Excavation.

- a. Site clearing and preparation.
- b. Soil excavation procedures.
- c. Soil loading process.
- d. Hauling methods.
- e. Soil stockpiling requirements or guidelines.
- f. Dewatering methods and waste water management.
- g. Backfilling procedures.
- h. Procedures for storm water management including flood protection, run-on and run-off controls, and sedimentation control.
- i. Dredging requirements and fill processes.

10.2.16 Transportation guidelines.

- a. Permitting procedures and approval authorities.
- b. Staging of materials and wastes including waste piles and containerization.
- c. Interim storage requirements.
- d. Packaging requirements.
- e. Labeling and manifesting.
- f. Procedures for documenting and record keeping.

10.2.17 Demobilization and closure.

- a. Method for certifying attainment of project goals.
- b. Decontamination methods for all project equipment and site facilities.

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Block 10, Preparation Instructions (Continued)

10.2.17 Demobilization and closure.

- c. Procedures for dismantling project facilities and equipment.
- d. Procedures for well abandonment.
- e. The process for maintaining an inventory of hazardous materials remaining at the site.
- f. Disposition of project equipment.
- g. Measures taken for permanent site maintenance.
- h. Method for initiating site closure.
- i. Certification of site closure completion.
- j. Permanent deed restrictions.
- k. Post-closure maintenance.
- l. Post-closure monitoring requirements.
- m. Schedule for demobilization and closure.