



## **Environmental Protection Plan Sample** (Selected pages (not a complete plan))

Complies with UFGS-01 57 20.00 10

Good for both Military and Non-Military Projects

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**First Time Quality**  
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# PROJECT-SPECIFIC ENVIRONMENTAL PROTECTION PLAN

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### 3. KEY ELEMENTS OF THE [COMPANYNAME] ENVIRONMENTAL PROTECTION SYSTEM

Key elements of the [CompanyName] Environmental Protection System include:

**Environmental Management and Responsibilities.** [CompanyName] fully integrates its environmental management system into the organizational structure and performance management systems for each project. We:

- Maintain a documented Environmental Protection System consisting of an Environmental Protection Manual with policies and procedures.
- Have well-defined environmental protection responsibilities for every employee.
- Tightly control exceptions to the Environmental Protection System so company standards are applied uniformly to every project
- Systematically maintain Environmental Protection System documents and records.

**Qualified Employees.** [CompanyName] ensures that only trained, knowledgeable, capable employees carryout the planning, execution, and control of our projects. We:

- Train field employees on environmental protection standards and procedures for their job position.
- Train field employees on environmental protection standards and procedures for the activities they perform.
- Validate employee environmental capabilities before assigning them to a job with environmental protection requirements.
- Review ongoing employee qualifications and evaluate environmental practices and performance as part of the employee performance management process.

**Project Environmental Protection Plan.** [CompanyName] prepares a plan that specifies how [CompanyName] applies its Environmental Protection System to each project. We:

- Perform a project risk assessment that identifies environmental protection risks and clearly identify requirements for plans, policies, and controls to assure environmental protection.
- Identify each project work task subject to environmental protection controls.
- Perform an Environmental Risk Analysis (ERA) for every work task that recommends controls and training that address identified environmental risks.
- Perform a Job Position Risk Analysis (ERA) for every job position on the project recommends controls and training that address identified environmental risks.
- Plan environmental protection training required to assure all personnel understand environmental risks and requirements of the project based on the Project Risk Assessment, ERAs, and JHAs.
- Identify required environmental inspections and tests at key milestones during construction.
- Plan environmental reporting and communications through meetings, reporting requirements, and points of contact.

**Contract Environmental Protection Specifications.** [CompanyName] ensures that the information in customer contracts clearly defines customer environmental protection expectations. We:

- Ensure that technical specifications and drawing clearly define customer expectations.
- Have a formal submittal system that further defines customer selections, agreed upon details, and clarifications as the project proceeds.
- Integrate all customer contract requirements into the Project Environmental Protection Plan.
- Plan project environmental records and documents that we will provide to the customer during the project.

**Project-Specific Environmental Protection Standards.** [CompanyName] clearly defines environmental protection standards and specifications that apply to each project. We:

- Identify all relevant regulations and industry standards.
- Specify requirements for materials and equipment that affect the environment protection.
- Supplement the contract and published standards with [CompanyName] environmental protection standards as required to reduce environmental risks and assure environmental protection results.


**Qualified Subcontractors and Suppliers.** [CompanyName] purchases only from subcontractors and suppliers who consistently meet [CompanyName] standards for environmental protection. We:

- Clearly define subcontractor and supplier qualification requirements including licensing requirements, compliance with specific environmental protection standards, environmental protection responsibilities, qualification of personnel and improvement processes.
- Verify ongoing subcontractors' and suppliers' environmental protection performance.

**Process Controls.** [CompanyName] tightly controls the construction process to ensure environmental results. We:

- Have a pre-construction meeting to communicate project environmental protection goals and expectations.
- Preparatory Phase: In advance of the work, we conduct preparatory phase planning which includes inspecting the jobsite before work begins and conducting a meeting to review details, specifications, expectations, and items for heightened awareness.
- Initial Phase: When work is ready to start, we conduct an initial phase environmental inspection that ensures that the necessary site conditions, materials, equipment, and personnel are in place and ready for work to begin. When work begins, we verify that the initial work meets specifications.
- Follow-up Phase: As work proceeds, we perform follow-up environmental inspections to ensure that work proceeds according to specifications until the work task is complete.
- Enforce environmental protection policies that monitor work conditions before and during work so that environmental protection results are assured.

**Inspections and Tests.** [CompanyName] environmental inspection processes ensure that all construction activities comply with the documented environmental protection standards and



## **8. PROJECT ENVIRONMENTAL RISK ANALYSIS**

### **a. ENVIRONMENTAL RISK ANALYSIS AND CONTROLS**

The Environmental Protection Manager performs a project risk assessment to identify project risks. The Environmental Protection Manager records findings on the Project Environmental Risk Analysis form included as an exhibit in this subsection.

### **b. APPLICABLE ENVIRONMENTAL RISK MANAGEMENT PLANS**

Based on the risk analysis, the Environmental Protection Manager identifies which risk management plans are necessary to control the risk. The Environmental Manger records required risk management plans from the project risk analyses on the Plans, Programs, and Procedures in the form included as an exhibit in this subsection.

Each plan applicable to the start of this project is included as an appendix to this Environmental Protection Plan. When a required plan is not applicable to the start of the project, the plan will be prepared when indicated in the notes column of the Plan, Programs and Procedures form and included as an addendum to the appendix of this EPP.

### **c. PROJECT ENVIRONMENTAL RECORDS AND DOCUMENTATION PLAN**

The Environmental Protection Manager defines any environmental records that will be maintained during the planning and execution of the project in addition to those appearing in other sections of this EPP.





# 11. PROTECTION OF LAND RESOURCES AND EROSION CONTROL

Prior to construction, [CompanyName] identifies land resources to be preserved within the work area. We do not remove, cut, deface, injure, or destroy land resources including trees, shrubs, vines, grasses, topsoil, and landforms without permission from the Environmental Manager.

## a. GENERAL DISTURBANCE

[CompanyName] will confine demolition and construction activities to a maximum 40 feet beyond the building perimeter, 5 feet beyond solid paving, and 25 feet beyond pervious paving.

[CompanyName] will remove debris, rubbish, and other waste materials resulting from demolition and construction operations from site. [CompanyName] will transport materials with appropriate vehicles and dispose of them off site to areas that are approved for disposal by governing authorities having jurisdiction. We will avoid spillage by covering and securing loads when hauling on or adjacent to public streets or highways.

## b. ERODIBLE SOILS

[CompanyName] plans and conducts earthwork to minimize the duration of exposure of unprotected soils.

[CompanyName] will clear areas in reasonably sized increments only as needed to use the areas developed. Form earthwork to final grade as shown. We immediately protect side slopes and back slopes upon completion of rough grading. Immediately finish the earthwork brought to a final grade, as indicated or specified. Immediately protect the side slopes and back slopes upon completion of rough grading. Plan and conduct earthwork to minimize the duration of exposure of unprotected soils.

## c. EROSION AND SEDIMENTATION CONTROL DEVICES

[CompanyName] constructs or installs temporary and permanent erosion and sedimentation control features as required. We mechanically retard and control water runoff and control the rate of runoff from the construction site. This includes

- Construction of diversion ditches, benches, berms, and use of silt fences and straw bales to retard and divert runoff to protected drainage courses.
- Sediment Basins sized to accommodate the storm runoff. We will pump dry and remove the accumulated

**[CompanyName]  
Site-specific Land Resource Protection Plan**

Project Name	Project Number	Prepared By:	Date:
[ProjectNumber]	[ProjectName]	[EnvironmentalManagerName]	June 27, 2013
Identification of work area (include drawing when appropriate):			
General disturbance by demolition and construction activities will be confined to the by the following limits:			
Nominally, 40 feet beyond the building perimeter or 5 feet beyond solid paving.			
Plan for removing debris, rubbish, and other waste materials resulting from demolition and construction operations from site.			
General (non-viscous) construction debris, rubbish and construction waste materials will be placed in waste containers and removed from the work area by a qualified waste removal company.			
Incremental clearing and grading to minimize exposure of unprotected soils:			
Erosion and sedimentation control diversion ditches, benches, berms, and use of silt fences and straw bales			
Erosion and sedimentation control sediment basins			
Erosion and sedimentation control vegetation, seeding, and mulch.			
Location of trees in the area of general construction disturbance (identified above) that will be tagged before the start of construction to remain undisturbed during construction.			
Trees or plants that will be planted to protect the environment after the completion of construction.			

## 16. ENVIRONMENTAL INSPECTIONS

[CompanyName] will conduct a coordinated array of environmental inspections and tests that will verify that work processes and results conform to this Environmental Protection Plan, contract requirements, and [CompanyName] environmental protection standards.

Inspections are necessary to verify that work processes and results conform to both contract requirements and [CompanyName] environmental protection standards.

Qualified personnel inspect every project throughout the construction process. Additional reviews validate the accuracy of the field environmental inspections and ensure that the environmental protection standards apply uniformly.

An inspection and test plan defines the environmental inspections and tests required for a specific project.

Personnel may only inspect construction activities for which they have been qualified by the Environmental Protection Manager.

### a. INCIDENT INVESTIGATION INSPECTIONS

Should an incident occur, Environmental Protection Manager will conduct an Incident Investigation Inspection following the procedures identified in the Inspection section of this plan. The Environmental Protection Manager records results of the investigation on the Incident Investigation Report included as an exhibit in the Incident Reporting section of this plan.

### b. DAILY ENVIRONMENTAL INSPECTIONS

The Environmental Protection Manager or Superintendent, both competent persons, will conduct daily site environmental inspections every day that there is work activity on the jobsite. Any noted deficiencies will be identified on that day's Daily Report shown as an exhibit in this subsection.

### c. WORK TASK ENVIRONMENTAL INSPECTIONS

The Superintendent will conduct a series of environmental inspections for each work task identified in this FPP:



**[CompanyName]  
Inspection and Test Plan**

<b>CONTRACT NUMBER</b>	<b>PROJECT NAME</b>	<b>CONTRACTOR</b>
[ProjectNumber]	[ProjectName]	[CompanyName]

SPECIFICATION SECTION AND PARAGRAPH NUMBER	SCHEDULE ACTIVITY ID	TEST REQUIRED	ACCREDITED/ APPROVED LAB YES /NO	SAMPLED BY	TESTED BY	LOCATION OF TEST ON/OFF SITE/SITE	DATE COMPLETED	DATE FORWARDED TO CUSTOMER	REMARKS

Selected Pages

## LIST OF ADDITIONAL INCLUDED TEMPLATES

- Environmental Protection Plan (1.7.2.a-d)
- Erosion and Sediment Control Plan (1.7.2.e)
- Environmental Protection Layout Plan (1.7.2.f)
- Environmental Protection Traffic Control Plan (1.7.2.g)
- Environmental Protection Work Area Plan (1.7.2.h)
- Borrow Location Plan (1.7.2.i)
- Spill Control Plan (1.7.2.j)
- Non-hazardous Solid Waste Disposal Plan (1.7.2.k)
- Air Pollution Control Plan (1.7.2.l)
- Contaminant Prevention Plan (1.7.2.m)
- Waste Management Plan (1.7.2.n)
- Historical, Archaeological, Cultural Resources, Biological Resources, and Wetlands Plan (1.7.2.o)
- Pesticide Treatment Plan (1.7.2.p)
- Hazardous, Toxic, and Radioactive Waste (HTRW)
- Perimeter Air Monitoring Plan (1.12)

Selected Pages

**[CompanyName]**  
**Spill Control Plan (1.7.2.j)**  
**Version 20130820**

Project Name	Project Number	Prepared By:	Date:
[ProjectName]	[ProjectNumber]		

1.7.2.j. (a) Instructions, procedures, and reports for use during an unexpected spill of a substance. Regulated by a) 40 CFR 68, 40 CFR 302, 40 CFR 355, and/or b) State or Local laws and regulations.

1.7.2.j. (1). Name(s) of the individual(s) who report and follow up with spills/hazardous substance release.

1.7.2.j. (1). A If spills/hazardous substance is released, this individual Immediately notifies the Contracting Officer and [the local Fire Department] [Facility Fire Department] [Facility Response Personnel] [Facility Environmental Office] in addition to the legally required Federal, State, and local reporting channels (including the National Response Center 1-800-424-8802)

Contact information and reporting channels for each of the above:

1.7.2.j. (2). Individual(s) responsible for the supervision of the spills/hazardous substance containment and removal

1.7.2.j. (3). Training requirements and training methods used for contractor's personnel.





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