**Erosion and Sediment Control Plan**

PROJECT NAME

PROJECT ADDRESS

Prepared By:

NAME

CON CERTIFICATION NUMBER

COMPANY NAME

SIGNATURE

Prepared For:

OWNER/OPERATOR NAME

ADDRESS

DATE

**Warning**: This Erosion Control Plan template should only be used for projects permitted thru the City of Boise that are not subject to Federal NPDES permitting.

**This plan does not meet Federal SWPPP requirements**. Please use the EPA SWPPP template for projects meeting the eligibility requirements outlined in the most current construction general permit.

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1. **Introduction**
	1. **Project Scope of Work**

**Describe in detail the work to be performed:**

Area of disturbance: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SF

* 1. **Project Contacts**

Project Owner Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Operator Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Responsible Person Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Site Assessment/Description**
	1. **Topography**

Describe the existing and proposed topography:

* 1. **Stormwater Discharge Points**

Describe where runoff will discharge, including storm drain inlets and overland flow:

* 1. **Surface Waters and Receiving Waters**

Describe receiving waters, including intermittent streams, canals, laterals, ditches, storm drain inlet discharge points, etc.:

* 1. **Groundwater**

Anticipated depth to groundwater: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ft

* 1. **Soil**

Describe the soil type by layer:

* 1. **Existing Vegetation and Land Use**

Describe existing vegetation and land use:

* 1. **Unique Features**

Insert description of site specific unique features not otherwise listed:

* 1. **Duty to Obtain NPDES Permit Coverage**

*Federal stormwater permits are required for sites that disturb one or more acres of land, or sites that disturb less than an acre, but are a part of a common plan of development that will ultimately disturb an acre or greater (i.e. subdivisions, industrial parks, etc.).*

Insert site-specific eligibility for federal stormwater permitting and instructions for obtaining coverage, if required. If the site will qualify and submit for a low erosivity waiver, insert erosivity calculation here:

**2.9 Anticipated Non-Stormwater Discharges**

*Explain how non-stormwater discharges will be retained on site, discharged to the MS4 system or discharged to surface water. Sites discharging to the MS4 must first obtain a permit to dewater to the storm drain from Ada County Highway District. Sites discharging to surface water must provide a copy of the short-term activity exemption (STAE) form approved by the Idaho Department of Environmental Quality. A STAE is not available for sites with a Construction General Permit, 404 permit or other federal permit. Contact the Idaho DEQ Boise Regional Office at 373-0550 for questions.*

**Describe all sources of potential non-stormwater discharges:**

**3.0 Potential Pollutants**

|  |  |  |
| --- | --- | --- |
| **Potential Pollutant** | **Source of Pollutant** | **Best Management Practice(s)** |
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**4.0 Description of Best Management Practices**

Describe all BMPs. Physical BMPs must have details and/or specifications provided on the plan map.

* 1. **Administrative Best Management Practices**
		1. A certified Responsible Person who has operational control over site activities and day to day control over plan requirements and permit conditions must be directly in charge of all construction site activity.

The Responsible Person shall be updated with the City of Boise if the Responsible Person changes mid project.

* + 1. The Erosion and Sediment Control Permit Sign shall be posted at the main entrance of the property. The sign is provided by the City of Boise and shall have the address of the property, ESC Permit number, ESC Permit number (if subject to NPDES permitting), the Responsible Person’s name and phone number, and the location of this Erosion Control Plan.
		2. Sequencing of Events

|  |  |
| --- | --- |
| **Sequence** | **Activity** |
| 1 | Install Erosion and Sediment Control BMPs |
| 2 | Schedule Site Preparation Inspection with City of Boise |
| 3 | Pass the Site Preparation Inspection  |
| 4 | Begin earth-moving activities |
| 5 |   |
| 6 |   |
| 7 |   |
| 8 |    |
| 9 |   |
| 10 |   |
| 11 |   |
| 12 |   |
| 13 |   |
| 14 | Achieve Final Stabilization |
| 15 | Remove temporary BMPs |

* + 1. All construction activity must stay within the limits of disturbance. Earthmoving activity, material staging, or any other activity related to construction outside the permitted area is a violation. The disturbance limits are identified on the site map and must be identified in the field with a visual marker. Crews shall be trained appropriately.
		2. Insert additional site specific administrative controls:
	1. **Erosion Control**
		1. **All reasonable precautions shall be taken to prevent fugitive dust.**

		Insert site specific BMPs the project will use to control dust and maintenance requirements:
		2. **Temporary stabilization must be initiated as soon as practicable if construction temporarily ceases in any portion of the site. Temporary stabilization must be completed within 14 days after the construction activity in that portion of the site has ceased.**

Insert site specific temporary erosion control BMPs and specify appropriate application rates if applicable to the type of BMPs with maintenance requirements:

* + 1. **Final stabilization must be initiated as soon as practicable in portions of the site where construction activities have permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has ceased.**

*Final stabilization will be considered complete when all soil disturbing activities at the site have been completed and one of the criteria defined below has been met:*

1. *A uniform perennial vegetative cover with a density of 70 percent (80 percent in hillside locations) of the vegetative cover existing prior to earth-disturbing activities for the area has been established on all unpaved areas and areas not covered by permanent structures.*
2. *Equivalent permanent stabilization measures have been employed to provide effective cover such as rip rap, gabions, geotextiles, ect.*
3. *Temporary erosion control measures are selected, designed, and installed along with an appropriate perennial seed base to provide erosion control for at least three years without active maintenance. The temporary erosion control measures must be selected so that 70 percent vegetative coverage is achieved within three years.*

Insert site specific BMPs to be used for final stabilization and specify appropriate application rates if applicable:

* + 1. **Site Specific Erosion Controls**
		Insert additional site specific erosion controls and maintenance requirements:
	1. **Sediment Control**
		1. **All necessary action shall be taken to minimize the depositing and tracking of mud, dirt, sand, gravel, rock or debris on the public right-of-way. If track-out does occur, immediate efforts must be taken to clean up.**

Insert site specific tracking control BMPs and maintenance requirements:

* + 1. **Sediment controls are required along the perimeter where stormwater may discharge off-site.**

Insert site specific perimeter controls and maintenance requirements:

* + 1. **All necessary action shall be taken to prevent damages to public and private storm drain systems.**

		Indentify public and private storm drain systems within and adjacent to the project and insert site specific BMPs for each system identified:
		2. INSERT ADDITIONAL SITE SPECIFIC SEDIMENT CONTROLS AND MAINTENANCE REQUIREMENTS
	1. **Runoff Controls**
		1. **Additional Controls**
		insert site specific runoff controls and maintenance requirements:
	2. **Good Housekeeping Controls**
		1. **Washout basins must be provided for concrete, stucco, non-VOC paint, drywall adhesive, sheet rock mud, masonry, and other non-hazardous materials. Washouts may be contained in an above ground pre-manufactured container or a pit may be dug below ground. If an excavated washout basin is used in sandy soils or in an area of high groundwater, it should be lined with 10 ml plastic sheeting. Washout areas should be located a minimum of 50 feet from storm drains and surface waters. Allow waste to dry and clean the basins out when it is 50% full.**

Provide a detail on map. The basin shall be sized appropriately for the anticipated amount of wash water.

* + 1. **Control measures to accommodate construction material delivery, staging, and construction site parking are required.**

The material storage area must be shown on the site plan.

Materials that may pollute stormwater should be covered during rain events and on non-working days. These materials include:

* + - Insert site specific list of materials that require cover
		- Insert site specific BMPs for material staging and parking areas
		1. **Sanitary Facilities**
		Sanitary facilities must be located away from drainage facilities, water bodies, or in areas that collect water. Secure toilets to the ground to prevent tipping.
		2. **Control Measures for disposal of construction and building waste are required.**

Insert site specific BMPs for managing disposal of each material:

* + 1. **Spill prevention and control measures are required.**

To prevent spills, the following actions shall be taken:

* Hazardous material stored on site such as oil, gasoline, paint, and other materials will be stored in secondary containment.
* Never leave vehicles or equipment unattended when fueling on site.
* A spill kit must be kept on site when the potential for spills and leaks to occur is present.
* Drip pans should be readily available and used to catch drips from leaky equipment.

If a spill occurs, the following actions should be immediately taken:

* Ensure the safety of workers in the area.
* Stop the source of the spill.
* Contain the spill.
* Immediately clean up the spill along with any dirt the spill made contact with. Place in contaminated materials in a labeled waste container.
* Dispose of the contaminated materials properly.

**Required Notifications:**

|  |  |  |
| --- | --- | --- |
| **Agency** | **Phone Number** | **When Notification is Required** |
| Stormwater Pollution Hotline | 208-395-8888 | Spills to the MS4 system (storm drains located in the right-of-way |
| Idaho Department of Environmental Quality | 208-373-0550 | Notification must be made immediately if a hazardous material is spilled to surface water or to land such that there is likelihood that it will enter surface waters. Petroleum spills to land of more than 25 gallons require notification within 24 hours. Petroleum spills of any size that causes a sheen on nearby surface water require notification within 24 hours. Spills less than 25 gallons and do not cause a sheen are only required to be reported if cleanup cannot be accomplished within 24 hours |
| Idaho State Communication Center | 1-800-632-8000 | If you need help responding and to a spill or accident involving oil, gas, or hazardous material. |
| National Response Center | 1-800-424-8802 | Within 24 hours of an oil or chemical spill that is a Reportable Quantity per 40 CFR 302 |

1. **Inspection Frequency, Corrective Action and Recordkeeping**
	1. **Inspection Frequency**

**List the designated inspection frequency:**

Inspections must be completed by the Responsible Person at least monthly and after a rain event of 0.25” or greater. Projects discharging to a water body impaired for sediment shall inspect the site every 7 days and after a rain event of 0.25” or greater. Inspections shall be conducted more frequently if site specific conditions dictate.

* 1. **Corrective Action**

**Corrective actions must be initiated within 24 hours of the Responsible Person identifying a violation and shall be completed within 7 days.** If it is infeasible to complete the corrective action within 7 days, the reason shall be documented.

The Authorized Enforcement Agent may deem a corrective action is completed in less than 7 days if a violation is found during the City Inspection process.

* 1. **Recordkeeping**

**This Erosion Control Plan, the permit and inspection reports shall be maintained on site while the construction is active and available for review by the Authorized Enforcement Agent.** This Plan is a living document and any changes to the plan must be shown on the plan.

Field Level changes do not require submittal to the City of Boise. Field level changes include substituting an equivalent BMP for a different but equivalent BMP; most corrective actions; and adjustments to the construction schedule. Examples of changes requiring submittal, review and approval from the City of Boise Erosion Control Program include an increase in area disturbed, major scope of work modifications, dewatering, and transferring a Responsible Person.

1. **Conclusion**

**Upon completion of final stabilization, all temporary BMPs shall be removed from the site.** The Authorized Enforcement Agent shall conduct a final inspection to close the permit.

**Appendix A**

**Construction Schedule**

**Appendix B**

**Inspection Template**