



911 North 7th Ave P O Box 4169
 Pocatello, Idaho 83205-4169
 (208) 234-6225
 www.pocatello.us



Erosion Control Narrative & Site Plan Checklist

Completed Narrative, Checklist & ESC Site Plan required for all special site & site specific projects. This form is for local use only & does not meet EPA SWPPP requirements.

Project Name: _____ Date: _____

Project Address/General Location: _____ Permit #: _____

Project Area (acres or square feet): _____ Disturbance Area (acres or square feet): _____

Project Cut/fill (cy): _____ Slopes over 15% on project site? Yes No Project within 50' of waterbody? Yes No

ESC Name: _____ ESC Phone # _____ ESC Certification # _____

ESC Narrative:

Check any adjacent off-site areas that may be affected by site disturbance and describe (check all that apply):

- Streams/ponds/wetlands Slopes over 15%/geohazards Residential Areas Roads
 Ditches/pipes/culverts/stormwater ponds/drywells Other _____

Describe how and where surface water enters the site from upstream properties:

Describe the downstream drainage path leading from the site to adjacent property, drainage system, or water body. If water is held on-site, The

The standard construction sequence is as follows:

1. Mark clearing/grading limits.
2. Install initial erosion control practices (construction entrance, silt fence, catch basin inserts).
3. Clear and grade site as outlined in the site plan while implementing and maintaining temporary erosion and sediment control practices.
4. Install proposed site improvements (buildings, driveways, landscaping, permanent stormwater control facilities (if required), etc.), while maintaining temporary ESC practices
5. Remove temporary erosion control methods as permitted by the project Engineer and repair permanent erosion protection as necessary.
6. Monitor and maintain permanent erosion protection until revegetation is fully established:

List any changes from the sequence listed above:

Provide a proposed construction schedule (dates construction starts and ends, and dates for any construction phasing).

Start Date: _____ End Date: _____ Interim Phasing Dates: _____

Winter Construction Activities - describe any construction activities that will occur between November 1 and April 1

The ESC site plan shall include:

- Address, Parcel Number, and Street names
- North Arrow
- Boundaries of existing vegetation (e.g. tree lines, grass, pasture, fields, etc.)
- On-site or adjacent critical areas and associated buffers (e.g. wetlands, steep slopes, streams, etc.)
- Existing and proposed contours, labeled
- Areas that are to be cleared and graded
- Cut and fill slopes, indicating top and bottom of slope catch lines
- Locations where upstream run-on enters the site and locations where runoff leaves the site
- Existing and proposed surface water flow direction(s)
- Grades, dimensions, and direction of flow of (existing and proposed) stormwater system
- All erosion control techniques to be used during and after construction, as noted on the checklist below
- Provide a separate plan sheet for revegetation/final stabilization
- Standard plan notes with the proposed construction sequence and applicable items from the ESC site plan checklist.

ESC Site Plan Checklist:

BMP specifications and details can be found in the Idaho ESC BMP Field Guide (provided to all ESC Certified Persons in Pocatello), at: https://www.pocatello.us/DocumentCenter/View/7409/Idaho_esc_fieldguide_2014

A complete ESC Site Plan shall include the following (as applicable to the site and project), with standard details provided for all applicable BMPs. The City may require Engineering calculations for some BMPs.

City	Applicant	Category	Requirement
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Preserve Vegetation & Mark Clearing	Mark clearing limits, sensitive areas and their buffers, and any trees/shrubs that will be preserved prior to beginning land disturbing activities. If topsoil must be disturbed, and is generally free of weeds (e.g. cheatgrass), stockpile it onsite, cover to prevent erosion, and replace prior to seeding.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Establish Construction Access	Provide a stabilized construction entrance using a rock pad or cattle-guard to prevent vehicle "tracking" of soil from the site onto streets. Rock may be used as future driveway base material. The entrance(s) must be inspected weekly, at a minimum, to ensure no excess sediment buildup or missing rock. Keep streets clean at all times and sweep/shovel up any tracked-off dirt at least daily. Street washing is not allowed.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Control Flow Rates	Protect downstream properties and waterways from erosion due to increases in stormwater volume, velocity, and peak flow from the project site. Sediment traps can provide flow control for small sites by allowing water to pool and allowing sediment to settle out of the water. Check dams will slow water in concentrated flow areas. Fiber rolls are not an appropriate BMP in areas of concentrated flow.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Install Sediment Controls	Prior to leaving a construction site, runoff from disturbed areas must pass through a sediment removal device to slow sheet flow of stormwater and allow the sediment to settle out. Install/construct the sediment control BMPs before site grading. BMPs include fiber wattles, silt fence, sediment traps, natural buffer strips, etc.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Stabilize Soils	Soils must be stabilized within 14 days of non-activity. Apply BMPs that protect soils and stockpiles from raindrop impact, flowing water, and wind. This applies to all soils on site whether at final grade or not. Applicable BMPs include mulching, matting, surface roughening, terracing, applying topsoil, dust control, and stockpile stabilization. All loads shall be covered.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Protect Slopes	Protect slopes by diverting water away from the top of the slope with dikes and berms. Reduce slope velocities by minimizing the continuous length of the slope, which can be accomplished by terracing and roughening slope sides. Establishing vegetation on slopes will protect slopes as well.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Protect Drain Inlets	Install protection on all catchbasins and storm drain inlets within 500' downstream of construction site to filter any sediment that reaches these inlets. Once the site is fully stabilized, catch basin protection must be removed. Coir mats are a preferred BMP for catchbasins.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Stabilize Channels and Outlets	Stabilize all temporary and permanent conveyance channels and their outlets.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Control Pollutants	Handle and dispose of all pollutants, including chemicals, liquids (e.g. paint and gas/oil), demolition debris and other solid wastes to keep them out of rain and stormwater runoff. Properly contain and cover when not in use. Apply fertilizers/pesticides following manufacturers' instructions. Concrete washout must be returned to the concrete facility, be placed in the future driveway space, or washed out into a <u>designated and lined</u> (10ml plastic) pit/wheelbarrow/etc.. Washout is never permitted onto the ground, unless it is lined or a future
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Control Dewatering	Clean, non-turbid dewatering water can be discharged offsite if the dewatering flow does not cause downhill/downstream erosion or flooding. Treat or dispose of turbid or contaminated dewatering water onsite through a sediment pond/trap or through approved treatment or disposal options.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Maintain BMPs	Maintain and repair ESC BMPs as needed. Inspect all BMPs at least weekly. The inspection frequency for stabilized, inactive sites (e.g when ground is frozen) may be reduced to once every month. Keep an inspection log on site and available for review by the City inspector at all times.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Manage the Project	Coordinate all work before initial construction with subcontractors/utilities to ensure no areas are prematurely worked. The ESC Certified Person for the construction site must possess a valid ESC certification from the City of Pocatello, and must be on the site or on-call during working hours.
<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	Protect Permanent Stormwater BMPs	Protect permanent stormwater BMPs (e.g. ponds, drywells, and permeable pavements) from compaction, erosion, and sedimentation. Prevent compaction of ponds by excluding construction equipment. Allow necessary foot traffic only when soils are not wet. Install and maintain erosion and sediment control BMPs on portions of the site that drain into these permanent BMPs. If they accumulate sediment during construction, restore the BMPs to their fully functioning condition. Restoration must include removal of sediment and any sediment-laden soils, and replacing the removed soils with soils meeting the design specification.

ESC Plan and Narrative Prepared by (Name/Firm): _____