

For Official Use Only:
Attach Construction Site
Storm Water Runoff
Control Applicant
Checklist Here:

Small Construction Site Storm Water Erosion and Sedimentation Control Plan Template

Construction Site Project Name: _____

Physical Site Address: _____

Instructions

To help you develop your construction project Erosion and Sedimentation Control Plan (ESCP), the City of Fort Bragg offers this ESCP Template. The template is designed to help you develop an ESCP for a construction or grading project that will have less than one-acre of disturbed soil and is not be subject to the State Water Resources Control Board Construction General Permit.

Using the ESCP Template

Each section of the ESCP Template includes "instructions" and space for your project and site information. You should read the instructions for each section before you complete that section.

A. Nature of the Construction Activity

Instructions

Provide a general description of the nature of the construction activities at your project (Example: Construction of 10 x 30 deck; 120 square foot addition to an existing home; new 16 x 24 garage and driveway). This information is addition to the information you provided within your building permit application and in the "Construction Site Storm Water Runoff Control Application Checklist, section III."

1. General Description of Project: _____

2. If your project involves grading, list all applicable permits and attach to this document: _____

3. Site Plan Requirement – Select one of the following:

- A site plan showing BMPs is included with the construction plans and is attached to this document.
- BMPs are shown on the site plan included as Page 4 of this document.

B. Construction Site Best Management Practices

Instructions

Select from the following checklist, the appropriate Best Management Practices (BMPs) for your project. Information about the BMPs can be found on the BMP Fact Sheets that are located at the end of this section as Exhibit A. The BMP Fact Sheets are educational materials containing product information, technical data, and "how-to, do-it-yourself" advice for using BMPs before, during and after construction.

Best Management Practices:
Select all that apply:

1. Scheduling Construction Activity

- Avoid rainy season from November 1 through March 30. Use mulching or hydroseeding to stabilize disturbed soils.
- Plan your construction work to have your BMPs installed before construction. Have all rainy season BMPs installed prior to October 1. Provide enough time before rainfall begins to stabilize the soil with vegetation or physical means or to install sediment trapping devices.
- Gain approval by the Director of Public Works for construction during the rainy season (November-March).

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Best Management Practices, continued from previous page.
Select all that apply:

2. Preservation of Natural Features, vegetation and soil

- Existing vegetation outside the construction area will be preserved on the site and protected.
- Construction activity will avoid activity under the drip line of remaining trees.
- Vegetation to be preserved within the construction area will be protected with temporary fencing.
- Retain protective measures until all construction activity is complete to avoid damage during site cleanup.

3. Drainage swales or lined ditches to control storm water flow

- Earthen dike(s) and drainage swale(s) will be constructed, see BMP EC-9.
- Velocity Dissipation Devices will be installed at the outlets of culverts, conduits or channels to prevent erosion, see BMP EC-10.

4. Mulching or hydroseeding to stabilize disturbed soils

- Mulch, such as wood fiber, will be applied to protect exposed soil from erosion from raindrop impact or wind.
- Seeding will be used with mulching (i.e. straw mulch).

5. Erosion control to protect soils

- Mattings of natural materials, geotextiles, or temporary plastic cover, will be used to cover the soil surface to reduce erosion from rainfall impact, see BMP EC-7

6. Protection of storm drain inlets

- Every storm drain inlet receiving sediment-laden runoff will be protected with at least one type of inlet protection, such as a gravel bag barrier, block and gravel filter, excavated drop inlet sediment trap, or filter fabric fence, see BMP SE-10

7. Perimeter sediment control

- Slit fence will be installed on a level contour to trap sediment-laden runoff from disturbed areas to capture sedimentation behind the fence, see BMP SE-1.
- Fiber rolls will be placed along the perimeter of the project to provide for the removal of sediment from runoff, see BMP SE-5.
- A sandbag barrier will be placed on a level contour to intercept sheet flow and pond runoff to allow sediment to settle out, see BMP SE-8.
- Straw bales will be placed end-to-end on a level contour to intercept sheet flow to pond runoff to allow sediment to settle out, see BMP SE-9

8. Sediment trap or sediment basin to retain sediment on site

- A temporary sediment basin will be constructed and maintained until the site is permanently protected against erosion or until a permanent detention basin is constructed, see SE-2.
- A temporary sediment trap will be formed and maintained until the site is permanently protected from erosion by using vegetation and/or structures, see SE-3.
- A temporary check dam of rock, gravel bags, sandbags, fiber rolls, will be placed across a swale or drainage ditch to reduce the velocity of water, to promote sedimentation and for reducing erosion, see SE-4.

9. Stabilized construction exits

- A Stabilized Construction Exit, a driveway aggregate (e.g. gravel) underlain with filter cloth, will be located where traffic will be entering or leaving the construction site to or from a public right of way, street, alley, sidewalk, or parking area, see TC-1.
- Tire washing will be used with a Stabilized Construction Exit, see TC-3

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Best Management Practices, continued from previous page.
Select all that apply:

10. Wind erosion control

- Apply water, dust palliatives, gravel, temporary vegetation, or mulching to prevent or alleviate dust.

11. Other soil loss BMP acceptable to the City

- _____
- _____

12. Material handling and waste management

- Applicant will comply with City of Fort Bragg Demolition and Recycling requirements (15.34.020).
- Follow all federal, state, and local regulations that apply to the use, handling, or disposal of hazardous materials, pesticides and herbicides, and fertilizers.
- Store pesticides, herbicides, and fertilizers in a dry covered area, and follow the recommended application rates and methods.
- Designate a waste collection area and use containers with lids so that they can be covered with lids.

13. Building material stockpile management

- Use plastic sheeting or tarps to keep materials (sand, compost, cement, etc) covered during periods of rain.

14. Management of washout areas (concrete, paints, stucco, etc.)

- Designate concrete, paint and stucco washout areas. Collect and retain concrete, paints and stucco washout water or chemicals and solids in leak proof containers so that it does not reach the soil surface and then migrate to surface water or into the ground water.

15. Control of vehicle/equipment fueling to contractor's staging area

- Store and use petroleum products in dry covered areas and perform vehicle fueling in areas having materials and equipment available to contain and clean up any spills that may occur.

16. Vehicle and equipment cleaning performed off-site

- Use detergents only as recommended and limit their use at the construction site. Wash vehicles and equipment where detergent laden wash water will not enter into the storm drain system or will be directed into the sanitary sewer so that it can be treated at the wastewater treatment plant.

17. Spill prevention and control

- Check equipment, hydraulic lines, and containers for leaks and corrosion.
- Maintain a spill-kit with absorbent materials. Clean up spills immediately. For hazardous materials, follow cleanup instructions on the package.

18. Other housekeeping BMP acceptable to the city of Fort Bragg

- _____
- _____

Department of Public Works Approval: _____

Name _____ Date _____

Notes:

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BMP SITE PLAN - use this page for site layout diagram or attach other site layout diagram

A large grid for drawing a BMP site plan. The grid consists of 20 columns and 20 rows of squares, providing a space for a site layout diagram.