



City of Watsonville
Erosion and Sediment Control Plan (ESCP)
Worksheet for Small Construction Projects

General Instructions

What is this document for?

Section 6-3.532 of the City's Municipal Code requires an Erosion and Sediment Control Plan (ESCP) for all projects, regardless of size, when applying for a grading or building permit. This requirement is a result of the City's Phase II MS4 NPDES General Permit issued by the State Water Board to the City. This permit is the storm water permit and requires the City to develop and maintain a program to ensure that sediment and other pollutants from construction activities do not flow into the City's storm water drainage system and, subsequently, impact local receiving waters. The City's Permit requires the City to require the owner of any construction project having soil disturbance to submit an ESCP. The ESCP must identify potential sources of erosion and sedimentation associated with the project and identify the control measures (best management practices or BMPs) used to prevent erosion and control sedimentation within the project. This document is a worksheet to assist owners of small projects to determine appropriate control measures for their project.

Who is required to complete this document?

All construction projects that have soil disturbance and pass through plan check or the City's permitting process must develop an ESCP. Projects having more than 1 acre of soil disturbance or those projects that are part of a larger common plan may be required to comply with the State Water Board's Construction General Permit (CGP), which requires the development of a Storm Water Pollution Prevention Plan (SWPPP). For these larger projects, the CGP-required SWPPP may be submitted in lieu of the ESCP. For all other projects (small projects) having less than 1 acre of soil disturbance or those that qualify for a waiver or exemption from the CGP, an ESCP must be submitted using this worksheet. Exemptions?

What is required in this document?

This worksheet requires basic project and contact information, as well as basic site information including location, status, approximate start and end dates and the area of soil disturbance.

The Best Management Practices (BMPs) that will be used during construction are also required to be identified.

A basic site map showing the project boundaries, adjacent streets, storm drain inlets, placement of BMPs, and where construction work will be occurring is required to be included.

BMPs, as defined on the EPA's website, is "a term used to describe a type of water pollution control. Storm water BMPs are techniques, measures or structural controls used to manage the quantity and improve the quality of storm water runoff. The goal is to reduce or eliminate the contaminants collected by storm water as it moves into streams and rivers."

For more details on BMPs please visit the California Storm Water Quality Association's website at:

www.casqa.org/resources/bmp-handbooks

or Caltrans's website at:

www.dot.ca.gov/hq/construc/stormwater/manuals.htm

PLEASE COMPLETE SECTIONS 1 THRU 5 OF THE ATTACHED WORKSHEET – FILL OUT COMPLETELY.



CITY OF WATSONVILLE - Community Development Department

250 Main Street, Watsonville, CA 95076

Phone (831) 768-3050

www.cityofwatsonville.org

Erosion and Sediment Control Plan (ESCP)

Date Submitted: _____

SECTION 1 - PROJECT INFORMATION

- Project Type: (✓) Check
- Project Address: _____
- Anticipated Construction Start Date: _____
- Anticipated Construction End Date: _____
- Project Size (indicate sq. ft. or acres): _____
- Approx. Soil Disturbance (indicate sq. ft. or acres): _____
- # of Storm Drain Inlets within 50 ft. of soil disturbance: _____
- Does project require other permits or requirements?
If yes, (✓) check all that apply and provide proof.
 - NPDES General Construction Permit (NOI & SWPPP required)
 - NPDES Industrial General Permit
 - MS Phase II Permit (ESCP and/or Post Development Stds)
 - U.S. Army Corps 404 Permit (Clean Water Act)
 - State Water Board 401 Permit (Water Quality Certification)
 - Dept. of Fish & Game Section 1600 Agreement (Streambed Alteration)
 - Waste Discharge Requirements (non-federal State waters)
 - Irrigated Lands Regulatory Program (commercial Ag)
 - Low or Limited Threat NPDES Permit (de-watering groundwater)

SECTION 2 - PROPERTY OWNER INFORMATION

- Name: _____
- Mailing Address: _____
- City/State/Zip: _____
- Email: _____
- Phone No.: _____

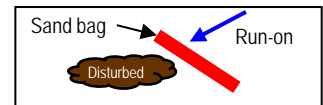
SECTION 3 - CONTRACTOR INFORMATION

- Company Name: _____
- Mailing Address: _____
- City/State/Zip: _____
- Email: _____
- Phone No.: _____

SECTION 4 - BEST MANAGEMENT PRACTICES

SECTION 4.1 - RUN-ON CONTROL BMP's. When surface flow of storm water runoff is allowed to pass through disturbed soils at an active construction project it can mobilize sediment and carry it into the municipality's storm drainage system and into the local receiving waters. This results in deposition of sediment in the municipal drainage system which causes more frequent maintenance and can cause flooding. The sediment is also harmful to the local waterways.

- Does storm water have the potential to run-on to the construction site? **Yes No**
- If yes, will storm water surface flow be diverted around any disturbed soil areas? **Yes No**
Show how it will be diverted on the Site Map. (Section 5 - Site Map)



SECTION 4.2 - EROSION CONTROL BMP's. The definition of erosion is the detachment of soil particles. These particles can become detached by rain, wind, or construction activity. Although construction by nature disturbs soil, it is vital to place a temporary or permanent covering over disturbed soil as soon as possible. Projects are not allowed to leave areas of exposed soil that do not have a cover. **On the table below and on the site map show how you will prevent erosion at your project.**

CASQA Fact Sheet	BMP Name	BMP Selected? (Check Box)	Describe the BMP to be implemented. If not used, state the reason why.	FOR OFFICE USE ONLY				
				Minimum Requirement (1)	BMP in Plan Narrative		BMP on Site Map (If not, explanation)	
					Yes	No	Yes	No
EC-1	Scheduling (work will be conducted during the dry season)			✓				
EC-2	Preservation of Existing Vegetation (existing vegetated areas will not be disturbed)			✓(3)				
EC-4	Area to be vegetated with landscaping, turf or hydroseeding			✓(3)				
EC-7	Temporary Erosion Control using an erosion control blanket or geotextile			✓(3)				
EC-6 & EC-8	Area covered with a temporary or permanent mulch including straw, wood, compost, hydromulch, or equivalent			✓(3)				
EC-16	Non-Vegetated Stabilization (covered with aggregate, paving, permanent structures/surfaces)			✓(3)				
WE-1	Wind Erosion Control (kept moist to prevent wind erosion)			✓				

SECTION 4.3 - TEMPORARY SEDIMENT CONTROL BMPs. Sediment control is accomplished by two ways. First, giving sediment every opportunity to settle out of storm water runoff while still on the project. Second, remove sediment from surfaces that have been carried or tracked off site before it enters the municipal drains. Each project must have effective perimeter sediment control. Drain inlets within 50 feet of the project must be protected. Any visible track out or sedimentation onto municipal property must be removed as soon as possible. **On the table below and on the site map show how you will control sediment at your project.**

CASQA Fact Sheet	BMP Name	BMP Selected? (Check Box)	Describe the BMP to be implemented. If not used, state the reason why.	FOR OFFICE USE ONLY				
				Minimum Require- ment (1)	BMP in Plan Narrative		BMP on Site Map (If not, explanation)	
					Yes	No	Yes	No
SE-1	Temporary Silt Fence			✓ ⁽⁴⁾				
SE-2 or SE-3	Sediment basin or trap (all or some of the storm water drains to a retention pond or basin where sediment can settle out)							
SE-5	Temporary Fiber Rolls / Straw Wattles			✓ ⁽⁴⁾				
SE-6 or SE-8	Temporary Gravel Bag Berm or Sand Bag Barrier			✓ ⁽⁴⁾				
SE-7	Street Sweeping (inspect roads and sidewalks daily and sweep as necessary)			✓				
MS4 Standard	Curb cutback (maintain a minimum of 4 inches of elevation difference between the disturbed soil and the top of the existing curb, sidewalk, or paved surface)			✓ ⁽⁴⁾				
SE-10	Temporary Drain Inlet Protection (mandatory for any DI's within 50 feet of the project)			✓				
SE-13	Compost Socks / Biofilter Bags							
MS4 Standard	Stabilized Construction Exit – Constructed with aggregate at the project owner's specification, but it must be effective in controlling trackout.			✓				
TC-2	Stabilized Construction Roadways							
WM-03	Stockpile Management (stockpiles that have not been actively used in the last 14 days must be covered with an erosion control blanket or plastic sheeting and contained with a fiber roll or gravel bag berm)							

SECTION 4.4 - NON-STORM WATER POLLUTION CONTROL BMPs. The City ordinances prohibit the discharge to its municipal drainage system of any wash water, unpermitted construction site dewatering, saw-cutting or grinding slurries, unpermitted hydrotest water, chlorinated swimming pool or fountain water, concrete or paint wash out, or spills of hazardous materials or other substances. **On the table below, list any of the activities that may apply to your project; and on the site map show the location of these activities.**

CASQA Fact Sheet	BMP Name	Activity Planned? Yes/No	Describe the BMP to be implemented. If not used, state the reason why.	FOR OFFICE USE ONLY				
				Minimum Require- ment (1)	BMP in Plan Narrative		BMP on Site Map (If not, explanation)	
					Yes	No	Yes	No
NS-3	Paving, Sealing, Saw-cutting, Coring, and Grinding Operations Waste Management			✓				
NS-7	Potable Water / Irrigation Testing and Discharge to the Municipal Drainage System			✓				
NS-8	Vehicle and Equipment Cleaning Waste Management			✓				
NS9 & WM-04	Vehicle and Equipment Fueling Waste Management			✓				
NS-10	Vehicle and Equipment Maintenance Waste Management			✓				
NS-12/13 & WM-08	Concrete, Stucco, Plaster, Tile, or Masonry Work Waste Management			✓				
WM-09	Temporary Sanitary Waste Facilities (port-a-potties)							
WM-01	Storage of Hazardous Materials on the Project Site (paints, solvents, acids, fuel, lubricants, etc.)			✓				

Footnotes

- (1) Not all minimum requirements may be applicable to every project. Applicability to a specific project shall be determined by the QSD.
- (2) Use of alternative BMPs must have QSD approval.
- (3) Must use at least one of these control measures to establish effective cover of all areas of soil disturbance after 14 days of inactivity.
- (4) Must use at least one of these control measures to maintain effective perimeter control where surface water may flow offsite.

SECTION 5 - SITE MAP

A basic site map showing the project boundaries, adjacent streets, storm drain inlets, placement of BMPs, and where construction work will be occurring is required to be included. **All BMPs checked and/or Activities Planned are required to be included on map.** Draw map below or attach another map.

CALL THE COMMUNITY DEVELOPMENT DEPT. AT (831) 768 3060 AT LEAST 48 HOURS PRIOR TO STARTING ANY WORK AND FOR EACH INSPECTION REQUEST, INCLUDING FINAL INSPECTION.

SECTION 6 - FOR OFFICE USE ONLY

PLAN ASSESSMENT

1. (✓) Check One

- ☐ Approved and no changes are needed.
☐ Approved with the following MINOR revisions:

-
-
-

- ☐ **NOT** approved. Requires the following corrections/revisions:

-
-
-

2. Reviewed By: _____
Name Date

3. Certification: (✓) Check One

- ☐ QSD No. _____
☐ Working under QSD Supervision
Supervising QSD Name/No.: _____

**IF NOT APPROVED, APPLICANT TO RETURN CORRECTED
ESCP TO COMMUNITY DEVELOPMENT DEPARTMENT.**

INSPECTION INFORMATION

1. Pre-Construction Inspection required? ☐ Yes ☐ No

Inspected By Date

2. Inspection Dates/Notes

3. Project Completion.

All disturbed areas have been stabilized and all temporary erosion and sediment control measures that are no longer needed have been removed as required by local construction site storm water control ordinance? ☐ Yes ☐ No

Inspected By Date