



**EROSION PREVENTION
AND
SEDIMENT CONTROL**



WHAT IS AN EROSION PREVENTION & SEDIMENT CONTROL (EPSC) PERMIT?

It is an approved plan showing how to contain all excavated materials and limit soil erosion on site during clearing, grading/fill and construction activities.

WHO NEEDS TO SUBMIT AN APPLICATION?

If the property is within Clackamas County's jurisdiction and the answer to **either** of the following questions is **yes**, you need to submit a plan and obtain a permit.

- A. Is soil disturbance of 800 square feet or more, including construction, clearing, grading or filling going to occur within the service areas of the Surface Water Management Agency of Clackamas County (Tualatin Basin) or Clackamas County Service District #1?. If yes, you will need to fill out the information in the following pages, submit an EPSC plan and may also need a storm drainage plan.
- B. Will 1 or more acres of soil be disturbed cumulatively during all phases of the project? If yes, a DEQ National Pollutant Discharge Elimination System 1200-C permit will be required instead of the local EPSC permit. Clackamas County WES is the local agent for 1200-Cs. 1200-C Application information and forms can be found on the WES website.

WHERE AND WHEN DO I APPLY FOR THE PERMIT?

To expedite the process, submit your plan along with your building permit application, to the Department of Transportation and Development. It will be forwarded to Water Environment Services for review and permit issuance.

WHAT INFORMATION IS REQUIRED?

The attached checklist will help you assemble the necessary information.

EROSION CONTROL, WATER QUALITY, AND SENSITIVE AREA CHECKLIST

- A. _____ Three copies of plot plan drawn to scale showing: (Sample Attached)
- 1 _____ Contour lines with elevations to show slope.
 - 2 _____ Location for storage of excavated materials.
 - 3 _____ Gravel construction entrance.
 - 4 _____ Property lines and distances to buildings.
 - 5 _____ Placement of erosion control devices (i.e. silt fences, bio-bags).
 - 6 _____ Drainage during and after construction (i.e., ditches, roof drains)
(Note: Storm drains and roof drains for single family development are not allowed to drain directly into creeks or drainage ways.)
 - 7 _____ An Undisturbed Corridor Buffer is required adjacent to sensitive areas. (Note: Sensitive areas include wetlands, rivers, streams, creeks, lakes and ponds.) Depending on several factors, the range is from 25 feet to 200 feet wide. Refer to Rules and Regulations for CCSD#1/SWMAcc (Natural Resource Protection section) and Clackamas County Planning to determine the required buffer width.

Additional requirements for non-single family residence

- 8 _____ Site restoration plan (permanent landscaping)
 - 9 _____ Water quality facilities (Consult Section 5 of the Rules and Regulations for SWMAcc/CCSD#1)
 - 10 _____ Detention facilities (Consult Section 5 of Rules and Regulations for SWMAcc/CCSD#1)
- B. _____ One copy of your construction schedule (Sample Attached).
- C. _____ One copy of your Erosion Control Maintenance Plan (Sample Attached).
- D. _____ One copy of Clackamas County Water Environment Services Erosion Prevention and Sediment Control Information sheet (Attached).

(A)

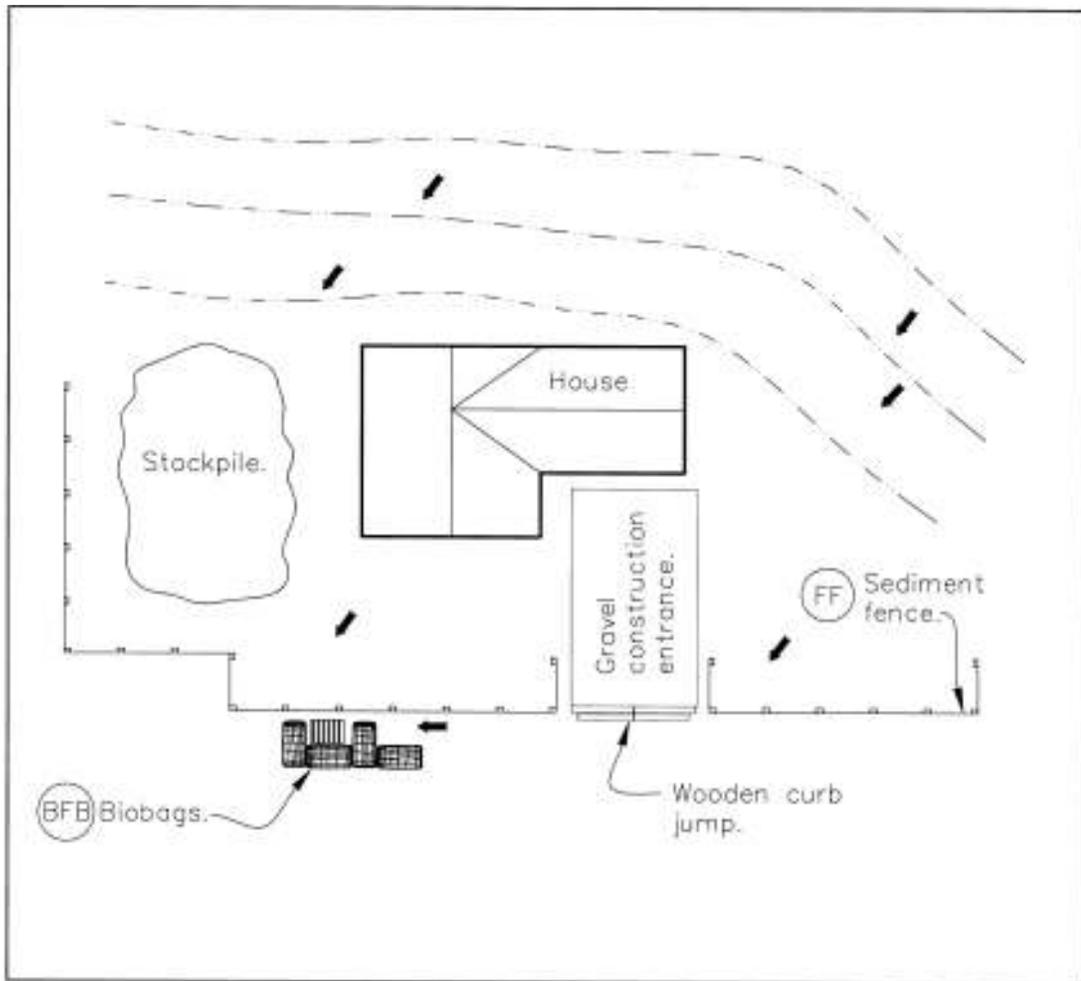
Sample Plot Plan
Showing Erosion/Sedimentation Control Information

Refer to Clackamas County Technical Guidance Handbook for additional Information:

- Gravel Construction Entrance CE Section 3.3.1
- Temporary Silt Fences FF Section 3.3.2
- Inlet Protection Section 3.3.12

Wet Weather Measures (Oct. 1 - April 30)

- Straw Mulch Covering (Exposed soil) Section 3.3.7
- Stockpile protection (Excavated materials) Section 3.3.9



Construction Site

(B) **Sample Construction Schedule**

EROSION CONTROL CONSTRUCTION SCHEDULE (ALL CONSTRUCTION)

Prior to start of excavation

Erosion control measures must be in place.
Call to schedule inspection.

Date _____

Construction completed, Soil not stabilized

Erosion control measures must remain in place.

Date _____

Ground cover established, Soil is Stabilized

Erosion control measures may be removed only
after permanent site ground covers are in place.

Date _____

(C) **Sample Maintenance Plan**

EROSION CONTROL MAINTENANCE PLAN (ALL CONSTRUCTION)

Maintenance measures required (Initial Applicable Measures)

___ **Gravel construction entrance**

Maintain a minimum depth of 8 inches of gravel. Use wooden curb jump.

___ **Temporary sedimentation fence or alternate measures**

Inspect daily when runoff is occurring. Clean sediment build up daily during prolonged rainfall and when accumulation is 2" or greater behind bio-bags or other similar barriers. Sediment from behind sediment fence must be removed when it reaches 1/3 the height of the above ground portion of fence.

___ **Exposed soils covered during wet weather season**

Soils exposed for 14 days or more must be covered (Oct 1 – Apr 30)

___ **Provide area for Cement trucks to clean out their equipment**

Cleaning and washing out cement trucks, equipment or tools in (or where it can reach) street areas, catch basins or drainage ways is a violation and not allowed.

___ **Provide area for disposal and storage of construction debris**

Designate and use an area on the site to contain construction debris and protect it from rain and runoff. Pollutants such as, but not limited to, fuels, lubricants, paints, adhesives, drywall mud, raw sewage and other harmful materials shall not be discharged into rivers, wetlands, streams, impoundments, undisturbed buffers or any storm drainage system, or at such proximity that the pollutants flow to these watercourses.

(D) **EROSION PREVENTION & SEDIMENT CONTROL INFORMATION**

Building Permit # _____ Zoning Permit # _____ Grading Permit # _____ Project Name _____	Taxlot # _____ Site Address: _____ Subdivision Name: _____ Lot # _____ Amount of total area to be disturbed: _____ sq. ft./acres
Owner / Applicant Name: _____ Company: _____ Address: _____ Phone: _____ Mobile: _____ Fax: _____	24hr Erosion Control Information Contact Person: _____ Company: _____ Address: _____ Phone: _____ Mobile: _____ Fax: _____ Pager: _____
Is the Contact Person erosion control certified? (Yes/No) If Yes, certification expiration date? _____	Existing/Proposed Site Runoff Drains to: Ditch ___ Pipe Creek___ Catchbasin___ Other: _____ Is site less than 200 feet from a sensitive area? (Yes/No)

I will construct and maintain Erosion Prevention and Sediment Control measures to ensure the containment of sediment on the construction site. I agree to comply with Water Environment Services' Erosion Prevention and Sediment Control Rules and Regulations. I further agree that I am responsible for the daily monitoring and, if necessary, adjustment of the erosion control structures to comply with these rules. I acknowledge that failure to adhere to these requirements will result in enforcement actions to bring the site into compliance.

OWNER/APPLICANT SIGNATURE

DATE

For WES Use Only

FEE _____ RECEIPT# _____ DATE RECEIVED _____ ACCEPTED BY _____

EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) PERMIT FEES

For Project Sites Within Clackamas County, Clackamas County Service District #1 and SWMACC (Tualatin Basin)

Fees

Erosion Control Permit

With Erosion Control Certification:

Single Family Residential, impact of 800 sq. ft. or greater \$205

Non-Single Family or NPDES 1200C \$270 base
\$80 additional per acre over 1 acre

Without Erosion Control Certification:

Single Family Residential, impact of 800 sq. ft. or greater \$310

Non-Single Family or NPDES 1200C \$460 base,
\$80 additional per acre over 1 acre

Plan Review (Surface Water and EPSC)

Single Family Residence \$55

Non-Single Family \$260

Re-Inspection

Single Family \$70 per visit

Non-Single Family \$70 minimum per visit
\$25 additional per acre (over 1 acre)

Questions may be directed to:

**Water Environment Services
150 Beaver Creek Rd., Suite 430
Oregon City, OR 97045
Phone (503) 742-4567
Fax (503) 742-4565**