City of Washougal
Erosion Control Plan for Small Projects

Permit Center
211 39th Street, Washougal, WA 98671
(360) 835-2662, ext. 228 • www.cityofwashougal.us

The **Erosion Control Plan for Small Projects** is an abbreviated plan for describing how a small construction site will be managed to prevent sediment and pollutants from leaving the site during construction. Sediment and pollutants from construction must be kept out of the City's drainage system, streams, rivers, lakes, and wetlands.

The City-approved **Erosion Control Plan for Small Projects** must be located at the construction site during construction and must be made available to a City inspector when requested. The property owner is responsible for implementing and maintaining the measures described in this plan. It is advisable to include the approved plan in the construction contract with the builder.

This plan template is intended for use by property owners and is not a substitute for Washougal Municipal Code and the Washougal Engineering Standards for Public Works Construction. We have substituted some technical language contained in the code and engineering standards with plainer terms. We have limited the options in the template to those appropriate for small construction sites. In case of conflict, the meaning and intent adopted in the Washougal Municipal Code and the Washougal Engineering Standards for Public Works Construction shall prevail.

ELIGIBLE PROJECTS

The instructions in this plan template apply to single-family home and duplex new construction and additions/remodels that are eligible to use the **Stormwater Permit Application for Small Projects**.

ELEMENTS OF CONSTRUCTION STORMWATER APPLICATION FOR SMALL PROJECTS

The **Erosion Control Plan for Small Projects** meets Minimum Requirements #2. The plan consists of a narrative and drawing. Use the last page of this form (**Erosion Control Site Plan**) as a template for drawings.

Attach the completed plan (this form) and drawings with the **Stormwater Permit Application for Small Projects** and the building permit application.

Date Submitted: 05/25/25

PROJECT ADDRESS: _____

Applicant Name: _____

Applicant Mailing Address: _____

Email: _____ **Phone #:** _____

Authorized Representative or Contractor: _____

Rep/Contractor Phone: _____ **Email:** _____

Applicant's Signature: _____ **Date:** _____

Erosion Control Inspector

Designate an Erosion Control Inspector who has the skills to assess the site conditions and construction activities that could impact stormwater quality. The inspector must be on-site or on-call at all times. The applicant or construction contractor may act as the Erosion Control Inspector.

☐ The person identified below will be on-site or on-call at all times.

Inspector Name: _____

Phone: _____ **Alternate Phone:** _____

Construction Schedule

Determine the approximate start and end dates of construction.

Any clearing, grading, or construction from October 1 through April 30 shall only be permitted if shown to the satisfaction of the City that silt-laden runoff will be prevented from leaving the site through proper use of best management practices (BMPs).

Start Date: _____ **End Date:** _____

Describe any construction activities that will occur between October 1 and April 30:

SITE NARRATIVE

☐ The existing site conditions and project description from the **Stormwater Permit Application for Small Projects** are attached.

Calculate the project impacts.

	Impact	**Impact**
A	Total land disturbed	(sq. ft.)
B	Total volume of proposed cut and fill	(cu. ft.)

EROSION CONTROL REQUIREMENTS

The applicant and contractor must prevent eroded soils from leaving the site during construction. At least one BMP for each of the 13 requirements below must be selected, unless the element is not applicable.

To select the appropriate BMP, review the applicability and design requirements on the **Erosion Control Site Plan** template or in the 2019 Stormwater Management Manual for Western Washington (SWMMWW), Volume II (https://www.cityofwashougal.us/stormwater).

This form includes the most common erosion control BMPs for small construction. Other approved BMPs from the SWMMWW may also be used.

Element 1: Preserve Vegetation / Mark Clearing Limits

Prior to clearing and construction, install highly visible fence to show the limits of construction activity and to protect vegetation and soils to be preserved. Use orange construction fence, chain link fence, or high visibility silt fence.

Select One or More BMPs:

- ☐ C101 Preserving Natural Vegetation (Refer to *SWMMWW*)
- ☐ C103 High-Visibility Fence (See *Erosion Control Site Plan*)
- ☐ C233 Silt Fence – High-visibility orange silt fence can act as both perimeter marking *and* sediment control for Element #4 (See *Erosion Control Site Plan*)

Show the selected BMP(s) on the Erosion Control Site Plan.

Element 2: Establish Construction Access

Keep the street outside of the construction site clean by establishing and monitoring a single construction entrance. Restrict all traffic into the site to one entrance.

If an existing driveway will be used, sweep and pick up dirt and debris from the driveway at the end of construction each day. Do not sweep into the street or drainage system.

For sites without an existing driveway, use a gravel construction entrance.

Use the Following BMPs:

- ☐ C105 Stabilized Construction Access (See *Erosion Control Site Plan*)
- ☐ N/A (explain):

Show the BMP location on the Erosion Control Site Plan.

Element 3: Control Flow Rates

Protect slopes, ditches, properties, and waterways downstream of the construction site from erosion due to increases in volume and velocity of stormwater runoff from the site.

Select One or More BMPs:

- ☐ C209 Outlet Protection (Refer to *SWMMWW*)
- ☐ C235 Wattles (See *Erosion Control Site Plan*)
- ☐ N/A (explain):

Show the selected BMP(s) on the Erosion Control Site Plan.

Additional BMPs are available in the SWMMWW: https://www.cityofwashougal.us/stormwater

Element 4: Install Sediment Controls

Prior to leaving a construction site, runoff from disturbed areas must pass through a sediment removal device.

Sediment barriers are used to slow stormwater and allow the sediment to settle out behind the barrier. Install/construct the sediment control BMP before site grading.

Select One or More BMPs:

❑ C233 Silt Fence - High-visibility orange silt fence can act as both sediment control *and* perimeter marking for Element #1 (See *Erosion Control Site Plan*)

❑ C235 Wattles (See *Erosion Control Site Plan*)

❑ N/A (explain):

Show the selected BMP(s) on the Erosion Control Site Plan.

Element 5: Stabilize Soils

Soils without grass or other vegetation can easily erode. Exposed soils must be protected from rain and flowing water. Soils are protected by covering them with various materials, such as grass/sod, tarp, compost, or mulch.

Check one or both options below:

❑ Construction will take place during the dry season (May 1 to September 30). No soils shall remain exposed and unworked for more than 7 days.

❑ Construction will take place during the wet season (October 1 through April 30). No soils shall remain exposed and unworked for more than 2 days.

Select One or More BMPs:

❑ C120 Temporary and Permanent Seeding (Refer to *SWMMWW*)

❑ C121 Mulching (Refer to *SWMMWW*)

❑ C122 Nets and Blankets (Refer to *SWMMWW*)

❑ C123 Plastic Covering (Refer to *SWMMWW*)

❑ N/A (explain):

Show the selected BMP(s) on the Erosion Control Site Plan.

Additional BMPs are available in the SWMMWW: https://www.cityofwashougal.us/stormwater

Element 6: Protect Slopes

Design and construct cut and fill slopes in a way that minimizes the potential for erosion.

Select One or More BMPs:

- ❑ C120 Temporary and Permanent Seeding (Refer to *SWMMWW*)
- ❑ C121 Mulching (Refer to *SWMMWW*)
- ❑ C122 Nets and Blankets (Refer to *SWMMWW*)
- ❑ C123 Plastic Covering (Refer to *SWMMWW*)
- ❑ N/A (explain):

Show the selected BMP(s) on the Erosion Control Site Plan.

Element 7: Protect Drain Inlets

Protect all storm drain inlets and catch basins in the road near the site during construction. Prevent runoff from the site from entering the inlets without first being filtered to remove sediment.

Install catch basin protection on all catch basins within 500 feet downstream of the project.

Select One or More BMPs:

- ❑ C220 Inlet Protection (See *Erosion Control Site Plan*)
- ❑ N/A (explain):

Show the selected BMP(s) on the Erosion Control Site Plan.

Element #8: Stabilize Channels and Outlets

Stabilize all temporary and permanent conveyance channels and their outlets. If a ditch or pipe from the site discharges to a ditch in the street or to a stream, outlet protection must be used.

Select One or More BMPs:

- ❑ C122 Nets and Blankets (Refer to *SWMMWW*)
- ❑ C207 Check Dams (Refer to *SWMMWW*)
- ❑ C209 Outlet Protection (Refer to *SWMMWW*)
- ❑ N/A (explain):

Show the selected BMP(s) on the Erosion Control Site Plan.

Additional BMPs are available in the SWMMWW: https://www.cityofwashougal.us/stormwater

Element 9: Control Pollutants

Handle and dispose of all pollutants, including demolition debris and other solid wastes, to keep them out of rain and flowing water.

Provide cover and containment for all chemicals, liquid products (including paint), petroleum products, and other materials. Apply fertilizers and pesticides following manufacturers' instructions for application rates and procedures. Handle all concrete and concrete waste appropriately.

Select One or More BMPs:

- ❑ C151 Concrete Handling (Refer to *SWMMWW*)
- ❑ C152 Sawcutting and Surfacing Pollution Prevention (Refer to *SWMMWW*)
- ❑ C153 Materials Delivery, Storage, and Containment (Refer to *SWMMWW*)
- ❑ C154 Concrete Washout Area (Refer to *SWMMWW*)
- ❑ N/A (explain):

Show location(s) of materials delivery, storage, and handling areas on Erosion Control Site Plan.

Element 10: Control Dewatering

Many small sites will not require dewatering.

If dewatering is needed consult the SWMMWW Vol. I, Section 3.4.2 and list the selected BMPs below:

Show the selected BMP(s) on the Erosion Control Site Plan.

Element 11: Maintain BMPs

Maintain and repair BMPs as needed. The designated Erosion Control Inspector (see page 2) should inspect all BMPs at least weekly and after every storm event. Keep an inspection log on site and available for review by the City inspector at all times.

Remove all temporary erosion and sediment control BMPs within 30 days after final site stabilization or if the BMP is no longer needed. Any trapped sediment should be removed or stabilized on the site. No sediment shall be discharged into the storm drainage system or streams, lakes, rivers, or wetlands.

Keep a small supply of materials on hand, such as an extra tarp or plastic covering, filled sandbags, wattles, and any materials needed to repair or stabilize any of the BMPs selected for the project.

Select One or More BMPs:

- ❑ C150 Materials on Hand (Refer to *SWMMWW*)
- ❑ C160 Certified Erosion and Sediment Control Lead (Refer to *SWMMWW*)

Show selected BMPs on the Erosion Control Site Plan.

Additional BMPs are available in the SWMMWW: https://www.cityofwashougal.us/stormwater

Element 12: Manage the Project
Coordinate all work before initial construction with subcontractors and other utilities to ensure no areas are prematurely worked. The Erosion Control and Pollution Prevention measures must be installed in the order described in the Scheduling of BMP Installation section, below.
Select One or More BMPs: ❑ C150 Materials on Hand (Refer to *SWMMWW*) ❑ C160 Certified Erosion and Sediment Control Lead (Refer to *SWMMWW*) ❑ C162 Scheduling (Refer to *SWMMWW*)
Show selected BMPs on the Erosion Control Site Plan.

Element 13: Protect Low Impact Development BMPs
Protect LID BMPs from compaction, erosion, and sedimentation during construction. LID BMPs include Rain Garden, Dispersion (all kinds), Roof Downspout Full Infiltration, Permeable Pavement, and Perforated Stub-out Connections.
Select One or More BMPs: ❑ C103 High-Visibility Fence (See *Erosion Control Site Plan*) ❑ C207 Check Dams (Refer to *SWMMWW*) ❑ C233 Silt Fence (See *Erosion Control Site Plan*) ❑ N/A (explain):
Show selected BMPs on the Erosion Control Site Plan.

Additional BMPs are available in the SWMMWW: https://www.cityofwashougal.us/stormwater

Scheduling of BMP Installation

Prior to Clearing and Construction

❑ 1. Mark clearing limits (Element 1)

❑ 2. Install or designate stabilized construction entrance (Element 2)

❑ 3. Install protection for drainage systems and sediment control (Elements 3, 4, and 7)

❑ 4. Designate staging areas for storage and handling of materials (Element 9)

With Land Disturbance, As Areas are Disturbed

❑ 5. Install sediment control

❑ 6. Stabilize unworked soils

❑ 7. Protect slopes and channels

❑ 8. Maintain BMPs

After Construction

❑ 9. Continue to maintain BMPs until the site is stabilized with vegetation

❑ 10. Remove BMPs within 30 days after site stabilization

EROSION CONTROL SITE PLAN

The **Erosion Control Site Plan** is a drawing which shows the location of the proposed BMPs.

Submit the **Erosion Control Site Plan** on the provided Erosion Control Site Plan template or on 8½ x 11 or 11 x 17 paper. The site plan may be either drawn by hand or drafted electronically.

The **Erosion Control Site Plan** must show the location of improvements, grading, filling, and erosion control BMPs. Show the following listed items on the site plan. Some information may be found using Clark County Maps Online.

Erosion Control Site Plan Checklist

Applicant Use	Required Elements	City Use
❑	Site address and/or parcel number	❑
❑	North arrow	❑
❑	Legend (if symbols are used)	❑
❑	Property boundary and dimensions	❑
❑	Adjoining street names	❑
❑	Contour lines at 2' intervals for shallow slopes and 10' intervals for steep sites	❑
❑	Areas that are to be cleared and/or graded	❑
❑	Cut and fill slopes, indicating top and bottom of slope catch lines	❑
❑	Locations where upstream water enters the site	❑
❑	Existing surface water flow direction(s)	❑
❑	Grades, dimensions, and direction of flow in all ditches, swales, pipes	❑
❑	Identify and locate all areas to be protected or preserved (vegetation protection, LID protection)	❑
❑	Identify and locate all BMPs described in the Erosion Control Plan	❑
❑	Identify and locate areas where soils will be amended (See Soil Amendment Plan)	❑