

Short Form Construction Stormwater Pollution Prevention Plan (SWPPP) Template

This Short Form Construction Stormwater Pollution Prevention Plan (SWPPP) may be used for projects less than 1-acre that require submittal of only an Abbreviated or Engineered Abbreviated Drainage Plan.

Section 1 – Project and Contact Information

Project Name/Description _____
Contact/Owner _____ Phone number _____
Erosion Control Supervisor _____ Phone number _____
Emergency (after hour) contact _____ Phone number _____

Section 2 – Site Information

Site address _____
Parcel # _____
Soil type _____
(Soil type A, B, C, or D & Soil series per SCS Soil survey)

To find parcel number:
<http://www.geodata.org/parcelsrch.asp>

For soil information, see
<http://websoilsurvey.nrcs.usda.gov/app/>

For County Use Only:

County Permit No. _____ Review Date _____
Reviewer _____

Section 3 – Eligibility for Abbreviated Drainage Plan/ Short Form SWPPP

Have you reviewed Volume I, Chapter 3 to confirm that your project is eligible to use the Abbreviated Drainage Plan? **YES** **NO**

Section 4 – Project Narrative

This narrative must be completed as part of the Construction SWPPP. Any information described as part of the narrative shall be shown on the site plan.

Note: From October 1 thru April 30, clearing, grading, and other soil disturbing activities are not permitted unless it can be demonstrated that no silt laden water will discharge from the site and except with authorization from Thurston County Development Services.

Project Description (check all that apply)

Project Type

Subdivision, Type	
Single Family Residential Project (building permit)	
Large Lot (>2.5 acres)	
Grading Permit	
Commercial Development	
Land Clearing	
Conversion of native vegetation to landscaping or pasture	
Other	

Project Areas

Total site area		SF
What is the area of land disturbance?		SF
Area of existing impervious surfaces		SF
Area of new impervious surfaces		SF
Total area of new, replaced, and existing impervious surface after project improvements		SF
Area of existing native vegetation to be converted to landscaping or pasture		SF
Will there be stormwater runoff or sediment discharges to adjoining properties or waters of the U.S. from the site?	YES	NO
If a grading permit is required, what is the total volume of grading?		CY

Additional Project Information (attach additional sheets if necessary)

Existing Site Conditions

1. What existing vegetation is present on the site? (check all that apply)

Description	EXIST? (Y/N)	% of Total Area
Forest		
Pasture/prairie grass		
Pavement		
Lawn/landscaping		
Brush		
Deciduous Trees		
Other		

2. How does surface water drainage flows across/from the site? (check all that apply)

Sheet flow/dispersion (with runoff from site)	
Sheet flow/dispersion (no runoff from site)	
Infiltration – no surface drainage leaving site	
Ditch/swale	
Stream	
Storm Sewer/catch basin or inlet	
Other	

3. Which of the following site condition(s) or other features of note are present on the site (indicate their location on site map)?

Steep slopes (>20%)	
Large depression	
Underground tanks	
Springs/Seeps	
Easements	
Existing structures	
Existing utilities	
Existing roadways	
Waters of the State (pond, stream, creek, river, etc.)	
Other	

Adjacent Areas

1. Which of the following adjacent areas could be impacted by site disturbance?

Streams*	
Lakes*	
Wetlands*	
Steep slopes*	
Residential Areas	
Roads	
Ditches, pipes, culverts	
Marine Bluff*	
Other	

*Note: If site is on or adjacent to a critical area, Thurston County may require additional information, engineering, and other permits to be submitted with this short-form.

2. Describe the downstream drainage path leading from the site to the receiving body of water. (Minimum distance of ¼-mile (1,320 feet))
{e.g., water flows from site, into curb-line to catch basin at intersection of X and Y streets. A 10-inch pipe system conveys water another 1,000 feet to a ravine/wetland.} (attach additional sheets if necessary)

Section 5 – Abbreviated Erosion Control Plan

Enter estimated start/end dates for the following construction activities/milestones.

Construction Schedule

Estimated Start/End Date

- | | |
|---|-------|
| 1. Permit obtained (start date) | _____ |
| 2. Mark clearing limits | _____ |
| 3. Establish construction access | _____ |
| 4. Install sediment controls | _____ |
| 5. Demolition | _____ |
| 6. Grading | _____ |
| 7. Utility construction | _____ |
| 8. Building or structure construction | _____ |
| 9. Landscaping/final site stabilization | _____ |

Complete Checklist for all Projects

Element/ Description	Requirement	Applicable BMP(s) ¹	Confirmation
Preserve Vegetation/Mark Clearing Limits	Prior to beginning land-disturbing activities, mark clearing limits and delineate sensitive areas and their buffers with high visibility fence. Retain the native top soil and duff layer or stockpile it on-site for replacement at completion of the project.	BMP C100: Preservation of Native Topsoil (On-site) BMP C101: Preserving Natural Vegetation BMP C102: Buffer Zones BMP C103: High Visibility Plastic Fence BMP C233: Silt Fence	Will comply <input type="checkbox"/> N/A (explain):
Establish Construction Access	Provide stabilized construction entrance (e.g., quarry spalls or crushed rock); clean public roads if any sediment is transported off site. If an existing driveway will be used for construction access, describe condition and show on Site Plan. If stabilized construction entrance is not effective use wheel wash or tire baths located on site.	BMP C105: Stabilized Construction Entrance BMP C106: Wheel Wash BMP C107: Construction Road/Parking Area Stabilization.	Will comply <input type="checkbox"/> N/A (explain):
Control Flow Rates	Protect downstream properties and waterways from discharge of turbid water. Provide flow control if required (MR #7).	BMP C203: Water Bars BMP C207: Check Dams BMP C209: Outlet Protection BMP C235: Wattles BMP C240: Sediment Trap Volumes III & V for sizing infiltration and detention facilities.	Will comply <input type="checkbox"/> N/A (explain):
Install Sediment Controls	Provide suitable sediment control BMPs to prevent sediment from leaving site.	BMP C231: Brush Barrier BMP C232: Gravel Filter Berm BMP C233: Silt Fence BMP C234: Vegetated Strip BMP C235: Wattles BMP C240: Sediment Trap	Will comply <input type="checkbox"/> N/A (explain):

Element/ Description	Requirement	Applicable BMP(s) ¹	Confirmation
Stabilize Soils	Stabilize all unworked and exposed soils to prevent erosion. From October 1 through April 30, no soils shall remain exposed and un-worked for more than 2 days. From May 1 to September 30, no soils shall remain exposed and un-worked for more than 7 days.	BMP C120: Temporary and Permanent Seeding BMP C121: Mulching BMP C122: Nets and Blankets BMP C123: Plastic Covering BMP C124: Sodding BMP C125: Topsoiling / Composting BMP C130: Surface Roughening BMP C131: Gradient Terraces BMP C140: Dust Control	Will comply <input type="checkbox"/> N/A (explain):
Protect Slopes	Design and construct cut and fill slopes to minimize erosion.	BMP C120: Temporary and Permanent Seeding BMP C121: Mulching BMP C122: Nets and Blankets BMP C130: Surface Roughening BMP C200: Interceptor Dike and Swale	Will comply <input type="checkbox"/> N/A (explain):
Protect Drain Inlets	Protect conveyance system from sediment by providing filtration of stormwater prior to entering inlets.	BMP C220: Storm Drain Inlet Protection	Will comply <input type="checkbox"/> N/A (explain):
Stabilize Channels and Outlets	Stabilize channels and outlets to prevent erosion.	BMP C202: Channel Lining BMP C207: Check Dams BMP C209: Outlet Protection	Will comply <input type="checkbox"/> N/A (explain):
Control Pollutants	Handle and dispose of construction debris in dumpster or by hauling to waste transfer station so that it does not contaminate stormwater.	BMP C151: Concrete Handling BMP C152: Sawcutting and Surfacing Pollution Prevention BMP C153: Material Delivery, Storage and Containment BMP C154: Concrete Washout Area	Will comply <input type="checkbox"/> N/A (explain):
Control Dewatering	Manage dewatering water from construction activities to prevent sediment discharge from site. Manage highly turbid dewatering water separate from stormwater.	BMP C203: Water Bars BMP C236: Vegetative Filtration	Will comply <input type="checkbox"/> N/A (explain):

Element/ Description	Requirement	Applicable BMP(s)¹	Confirmation
Maintain BMPs	Maintain BMPs to insure continued function.	BMP C150: Materials On Hand BMP C160: Certified Erosion and Sediment Control Lead	Will comply <input type="checkbox"/> N/A (explain):
Manage the Project	Phase the project to avoid soil disturbance from Oct. 1 through April 30 if possible. Modify BMPs if not effective or to meet changed conditions.	BMP C150: Materials On Hand BMP C160: Certified Erosion and Sediment Control lead BMP C162: Scheduling	Will comply <input type="checkbox"/> N/A (explain):
Protect Low Impact Development BMPs	Protect all bioretention, rain garden, and porous pavement BMPs from sedimentation through installation and maintenance of erosion and sediment control BMPs for areas that drain to the bioretention, rain garden or porous pavement BMPs.	BMP C102: Buffer Zone BMP C103: High Visibility Fence BMP C200: Interceptor Dike and Swale BMP C201: Grass Lined Channels BMP C207: Check Dams BMP C208: Triangular Silt Dike BMP C231: Brush Barrier BMP C233: Silt Fence BMP C2234: Vegetated Strip	Will comply <input type="checkbox"/> N/A (explain):

¹ Descriptions of BMPs designated can be found in Volume II of this manual.

Section 6 – Site Plan (see attached example)

A site plan, to scale, shall be included with this checklist that shows the following items:

Item	Complete
Address, Parcel Number, and Street names*	
North Arrow	
Indicate boundaries of existing vegetation (e.g., tree lines, grassy areas, pasture areas, fields, etc.)*	
Identify any on-site or adjacent critical areas and associated buffers (e.g., wetlands, steep slopes, streams, etc.).	
Identify any FEMA base flood boundaries and Shoreline Management boundaries. *	
Show existing and proposed contours. *	
Delineate areas that are to be cleared and graded.	
Show all cut and fill slopes, indicating top and bottom of slope catch lines	
Indicate existing surface water flow direction(s).	
Label final grade contours and indicate proposed surface water flow direction and surface water conveyance systems (e.g., pipes, catch basins, ditches, etc.).	
Show grades, dimensions, and direction of flow in all (existing and proposed) ditches, swales, culverts, and pipes.	
Indicate locations and outlets of any dewatering systems (usually to sediment trap).	
Identify and locate all erosion control techniques to be used during and after construction.	

* For GIS information on these items, see Thurston County Geodata at www.geodata.org