

## Short Form Construction Stormwater Pollution Prevention Plan (SWPPP)

### Section 1 – Project and Contact Information

Project Name/Description Irish Residence  
 Contact/Owner Trevor Irish Phone number \_\_\_\_\_  
 Erosion Control Supervisor TBD Phone number \_\_\_\_\_  
 Emergency (after hour) contact TBD Phone number \_\_\_\_\_

### Section 2 – Site Information

Site address 7125 Libby Rd NE, Olympia WA  
 Parcel # 12913140200  
 Soil type Kapowsin silt loam, and Bellingham silty clay loam, both class C/D soils.

### 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

The project includes construction of a new home, detached garage, driveway, septic and well. Access is from Libby Rd NE to the east. Clearing will occur onsite for the improvements proposed, while keeping a majority of trees onsite in the native condition. The property is undeveloped and currently forested with a portion near Libby Rd cleared prior to obtaining a permit. Land Services NW has been retained to prepare a mitigation and replanting plan for the clearing and development that has and will occur near the existing wetland. The lot gently slopes to the west. Soils are found to be Kapowsin silt loam, and Bellingham silty clay loam, both class C/D soils. Based on the soil maps and near by wetland, infiltration is not feasible. Full Dispersion BMPs are proposed for the project, with the driveway using sheet flow dispersion through a grass filter strip prior to the forested dispersion areas. The roof area will utilize splash blocks for dispersion.

Under the Thurston County Drainage Manual, this project will address core requirements 1 through 11. The project proposes a total of 6855 sf of new plus replaced hardscape areas.

Grading for this project is approximately 200 CY foundation work

All disturbed and/or new lawn and landscape areas will contain soils meeting the Post-Construction Soil Quality and Depth (BMP LID.02) requirements. A minimum 25' native vegetative strip (BMP C234) and/or silt fencing (BMP C233) will be provided during construction to prevent sedimentation of adjacent properties, critical areas, and county rights-of-way. In addition, the proposed driveway will be utilized as a temporary construction entrance (BMP C105).

**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	198634	SF
What is the area of land disturbance?	10000	SF
Area of existing impervious surfaces	0	SF
Area of new impervious surfaces	6855	SF
Total area of new, replaced, and existing impervious surface after project improvements	6855	SF
Area of existing native vegetation to be converted to landscaping or pasture	3000	SF
Will there be stormwater runoff or sediment discharges to adjoining properties or waters of the U.S. from the site?	YES <input checked="" type="checkbox"/> Unknown NO <input type="checkbox"/>	
If a grading permit is required, what is the total volume of grading?	200	CY

Additional Project Information (attach additional sheets if necessary)

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## Existing Site Conditions

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

Description	EXIST? (Y/N)	% of Total Area
Forest	y	80
Pasture/prairie grass		
Pavement		
Lawn/landscaping		
Brush	y	20
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	

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)

the downstream path is to the southeast, through private property as it enters a large wetland group. Ultimately reaching Puget Sound (approx 8000 feet away).

## 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

Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

Unknown

## Complete Checklist for all Projects

Element/Description	Requirements	Applicable BMP(s)	Confirmation
<b>Mark Clearing Limits</b>	Prior to beginning land-disturbing activities, mark clearing limits and delineate sensitive areas and their buffers with high visibility fence	BMP C101: Preserving Natural Vegetation BMP C102: Buffer Zones BMP C103: High Visibility Plastic Fence	Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Establish Construction Access</b>	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.	BMP C105: Stabilized Construction Entrance	Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Install Sediment Controls</b>	Provide suitable sediment control BMP to prevent sediment from leaving site.	BMP C233: Silt Fence BMP C234: Vegetated Strip BMP C235: Straw Wattles	Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Stabilize Soils</b>	All unworked and exposed soils shall be stabilized to prevent erosion. From October 1 through April 30, no soils shall remain exposed and unworked for more than 2 days. From May 1 to September 30, no soils shall remain exposed and unworked for more than 7 days.	BMP C120: Temporary and Permanent Seeding BMP C121: Mulching BMP C122: Nets and Blankets BMP C123: Plastic Covering	Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Protect Slopes</b>	Design and construct cut and fill slopes to minimize erosion.	BMP C120: Temporary and Permanent Seeding BMP C130: Surface Roughening	Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Protect Drain Inlets</b>	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): No inlets
<b>Control Pollutants</b>	Handle and dispose of construction debris in dumpster or by hauling to waste transfer station so that it does not contaminate stormwater.		Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Control Dewatering</b>	Manage dewatering water from construction activities to prevent sediment discharge from site. Manage highly turbid dewatering water separate from stormwater.		Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Maintain BMPs</b>	Maintain BMPs to insure continued function.		Will comply <input checked="" type="checkbox"/> N/A (explain):
<b>Manage the Project</b>	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.		Will comply <input checked="" type="checkbox"/> N/A (explain):

## 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 onsite 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.	✓

