**PLEASE READ:**

You are receiving this checklist because your project adds less than 2,000 square feet of new plus replaced hard surface area, or disturbs less than 7,000 square feet of land and is not required to prepare a Construction Stormwater Pollution Prevention Plan (SWPPP), but you must consider all of the 13 Elements of Stormwater Pollution Prevention listed below and develop adequate erosion and sediment controls for all elements that pertain to the project site. A Construction SWPPP may be required if Ecology and/or the local permitting authority determined the project, site, or facility to be a significant contributor of pollutants to waters of the state. Best Management Practices (BMPs) are selected from Volume ll, Chapter 3 of the 2019 Department of Ecology Stormwater Management Manual for Western Washington.

In accordance with Lynnwood Municipal Code 13.45, the City may inspect the construction site at any time to ensure adequate erosion and sediment controls are implemented. If at any time City inspectors determine the measures to be insufficient, corrective actions will be required immediately. City inspectors may order all other activity to cease until such measures are implemented.

BMPs listed under each Element are suggestions from Volume l, Chapter 3 of the 2019 Department of Ecology Stormwater Management Manual for Western Washington.

Failure to implement appropriate BMPs may result in an Illicit Discharge which is a violation of Lynnwood Municipal Code 13.45.025 Illicit discharges into Lynnwood surface water prohibited and subject to Penalties and/or fines under Lynnwood Municipal Code 13.45.065 Penalties.

**13 SWPPP Elements**

**ELEMENT 1: Mark Clearing Limits.** Prior to beginning land disturbing activities, including clearing and grading, clearly mark all clearing limits, sensitive areas and their buffers, and trees that are to be preserved within the construction area.

* BMP C101: Preserving Natural Vegetation
* BMP C102: Buffer Zones
* BMP C103: High Visibility Plastic or Metal Fence
* BMP C233: Silt Fence

**ELEMENT 2: Establish Construction Access.** Construction vehicle access and exit shall be limited to one route, if possible, to minimize track-out from the site. Track-out from construction sites is taken very seriously.

* BMP C105: Stabilized Construction Entrance
* BMP C106: Wheel Wash
* BMP C107: Construction Road/Parking Stabilization

**ELEMENT 3: Control Flow Rates.** Properties and waterways downstream from development sites shall be protected from erosion due to increases in the volume, velocity, and peak flow rate of stormwater runoff from the project site, as required by local plan approval authority.

* BMP C203: Water Bars
* BMP C207: Check Dams
* BMP C209: Outlet Protection
* BMP C235: Wattles
* BMP C240: Sediment Trap
* BMP C241: Sediment Pond (Temporary)

**ELEMENT 4: Install Sediment Controls.** Prior to leaving a construction site or prior to discharge to an infiltration facility, stormwater runoff from disturbed areas shall pass through a sediment pond or other appropriate sediment removal BMP.

* BMP C231: Brush Barrier
* BMP C232: Gravel Filter Berm
* BMP C233: Silt Fence
* BMP C234: Vegetated Strip
* BMP C235: Wattles
* BMP C240: Sediment Trap
* BMP C241: Sediment Pond (Temporary)
* BMP C250: Construction Stormwater Chemical Treatment
* BMP C251: Construction Stormwater Filtration

**ELEMENT 5: Stabilize Soils.** All exposed and unworked soils shall be stabilized by application of effective BMPs that protect the soil from the erosive forces of raindrop impact, flowing water, and wind. No soils shall remain exposed or unworked for more than 2 days between October 1 and April 30, and no more than 7 days between May 1 and September 30.

* 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 C126: Polyacrylamide (PAM) for Soil Erosion Protection
* BMP C130: Surface Roughening
* BMP C131: Gradient Terraces
* BMP C140: Dust Control

**ELEMENT 6: Protect Slopes.** Design and construct cut and fill slopes in a manner that will minimize erosion.

* BMP C120: Temporary and Permanent Seeding
* BMP C121: Mulching
* BMP C122: Nets and Blankets
* BMP C123: Plastic Covering
* BMP C124: Sodding
* BMP C130: Surface Roughening
* BMP C131: Gradient Terraces
* BMP C200: Interceptor Dike and Swale
* BMP C201: Grass Lined Channels
* BMP C203: Water Bars
* BMP C204: Pipe Slope Drains
* BMP C205: Subsurface Drains
* BMP C206: Level Spreader
* BMP C207: Check Dams
* BMP C208: Triangular Silt Dike (TSD)

**ELEMENT 7: Protect Drain Inlets.** All storm drain inlets made operable during construction shall be protected so that stormwater runoff does not enter the conveyance system without first being filtered or treated to remove sediment.

* BMP C220: Storm Drain Inlet Protection

**ELEMENT 8: Stabilize Channels and Outlets.** Stabilization, including armoring material, adequate to prevent erosion of outlets, adjacent stream banks, slopes, and downstream reaches shall be provided at the outlets of all conveyance systems.

* + - BMP C122: Nets and Blankets
		- BMP C202: Riprap Channel Lining
		- BMP C207: Check Dams
		- BMP C209: Outlet Protection

**ELEMENT 9: Control Pollutants.** All pollutants, including waste materials and demolition debris, that occurs onsite shall be handled and disposed of in a manner that does not cause contamination of stormwater.

* + - BMP C151: Concrete Handling
		- BMP C152: Sawcutting and Surfacing Pollution Prevention
		- BMP C153: Material, Delivery, Storage and Containment
		- BMP C154: Concrete Washout Area
		- BMP C250: Construction Stormwater Chemical Treatment
		- BMP C251: Construction Stormwater Filtration
		- BMP C252: Treating and Disposing of High pH Water
		- Also See the Source Control BMPs detailed in Volume lV

**ELEMENT 10: Control De-Watering.** Discharge foundation, vault, and trench dewatering water, which have similar characteristics to stormwater runoff at the site, into a controlled conveyance system before discharge to BMP C240: Sediment Trap of BMP C241: Sediment Pond (Temporary). Discharging sediment-laden (muddy water) into waters of the State likely constitutes violation of water quality standards for turbidity.

* BMP C203: Water Bars
* BMP C236: Vegetative Filtration

**ELEMENT 11: Maintain BMPs.** All temporary and permanent erosion and sediment control BMPs shall be maintained and repaired as needed to assure continued performance of their intended function. Maintenance and repair shall be conducted in accordance with BMP specifications. All temporary erosion and sediment control BMPs shall be removed within 30 days after final site stabilization is achieved or after the temporary BMPs are no longer needed.

* BMP C150: Materials on Hand
* BMP C160: Certified Erosion and Sediment Control Lead

**ELEMENT 12: Manage the Project.** Phasing of construction. Development projects shall be phased where feasible in order to prevent soil erosion and, to the maximum extent practicable, the transport of sediment from the site during construction. Revegetation of exposed areas and maintenance of that vegetation shall be an integral part of the clearing activities for any phase.

* BMP C150: Materials on Hand
* BMP C160: Certified Erosion and Sediment Control Lead
* BMP C162: Scheduling

**ELEMENT 13: Protect Low Impact Development (LID) BMPs.** Protect all Bioretention and Rain Garden BMPs from sedimentation through installation and maintenance of erosion and sediment control BMPs on portions of the site that drain into Bioretention and/or Rain Garden BMPs. Prevent compacting Bioretention and rain garden BMPs by excluding construction equipment and foot traffic. Control erosion and avoid introducing sediment from surrounding land uses onto permeable pavements.

* 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 (TSD)
* BMP C231: Brush Barrier
* BMP C233: Silt Fence
* BMP C234: Vegetated Strip

By signing below, you are acknowledging receipt of the 13 Element Checklist Handout and understand you must consider all of the 13 Elements listed above.

 Date Signature of Contractor

Printed Name of Contractor