



Checklist 3: Construction SWPPP Drawings and Report

Per ECDC 18.30, all Category 1 and 2 projects must comply with Minimum Requirements No. 1 Stormwater Site Plans, which includes preparation of a Construction Stormwater Pollution Prevention Plan (Construction SWPPP) to comply with Minimum Requirement No. 2, Construction Stormwater Pollution Prevention.

Construction SWPPPs shall be prepared in accordance with Chapter 3 of Volume I of the Department of Ecology's Stormwater Management Manual for Western Washington (SWMMWW), ECDC 18.30, and the requirements in the Edmonds Stormwater Addendum (Addendum). Because the SWMMWW does not include clear itemization of project submittal requirements, the City of Edmonds developed the following checklist to aid project proponents and plan reviewers in complying with the applicable SWMMWW requirements. In addition, City-specific requirements (i.e., requirements presented in ECDC 18.30 and the Addendum that are not included in the SWMMWW) are also included in the checklist. For clarity, the checklist headings and subheadings are generally organized according to the SWMMWW structure, though some requirements specific to ECDC 18.30 and the Addendum are included under the SWMMWW headings.

This checklist reflects most, but not necessarily all of the items that will be reviewed by the Engineering Division. It is intended to be used as an aid for developers and plan reviewers by providing a foundation for clear and consistent review of development work in the City of Edmonds. However, all items may not be applicable to every project, and all items of concern to this office may not be covered on this checklist. Last, the structure and organization of project submittals can vary depending on the project. The headings outlined below represent the City's preferred organization of submittal information, though variations are acceptable as long as all of the required information is provided in a clear submittal package.

Applicant:

Application #:

Within each blank cell, enter comment codes as follows:	
C = Complete	R = Revise (i.e., make corrections)
N/A = Not Applicable	M = Missing (i.e., please include)
IC = Incomplete	
CONSTRUCTION SWPPP NARRATIVE REPORT (SWMMWW Volume II, Section 3.2.1)	
Cover Sheet	
1	Project name.
2	Applicant's name, address, telephone number, and e-mail address.
3	Project engineer's name (if applicable), address telephone number, and e-mail address.
4	Date of submittal.
5	Contact's name, address telephone number, and e-mail address.
6	Contractor's name, address telephone number, and e-mail address, if known.
Project Engineer's Certification	
7	For Category 2 Stormwater Site Plans and Category 1 Stormwater Site Plans with engineered elements, the Construction SWPPP is stamped by a professional engineer licensed in the State of Washington in civil engineering.
8	If required, the SWPPP Report contains a page with the project engineer's seal with the following statement: <i>"I hereby state that this Construction Stormwater Pollution Prevention Plan for _____ (name of project) has been prepared by me or under my supervision and meets the standard of care and expertise which is usual and customary in this community for professional engineers. I understand that Pierce County does not and will not assume liability for the sufficiency, suitability, or performance of Construction SWPPP BMPs prepared by me."</i>
Table of Contents	
9	Shows the page number for each section of the report and the appendices.
Certified Erosion and Sediment Control Lead	
10	For project sites that will disturb 1 acre or more and that discharge stormwater to surface waters of the State, a Certified Erosion and Sediment Control Lead (CESCL) is identified in the Construction SWPPP and shall be on site or on-call at all times.
General Information on the Existing Site and Project	
11	Nature and purpose of the construction project.
12	Total size of the area; any increase in existing impervious area; the total area expected to be disturbed by clearing, grading, excavation or other construction activities, including off-site borrow and fill areas; and the volumes of grading cut-and-fill that are proposed.
13	Existing topography, vegetation, and drainage.
14	Any structures or development on the parcel including the area of existing impervious surfaces.
15	Adjacent areas, including streams, lakes, wetlands, residential areas, and roads that might be affected by the construction project.
16	Describes how upstream drainage areas may affect the site.
17	Describes downstream drainage leading from the site to the receiving body of water.

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18	Areas on or adjacent to the site that are classified as critical areas.
19	Critical areas that receive runoff from the site up to one-quarter mile away.
20	Special requirements and provisions for working near or within these areas.
21	Soil on the site, giving such information as soil names, mapping unit, erodibility, ability to settle, permeability, depth, texture, and soil structure.
22	Areas on the site that have potential erosion problems.
Thirteen Elements	
23	Describes how the Construction SWPPP addresses each of the 13 required elements.
24	Type and location of BMPs used to satisfy the required element.
25	If an element is not applicable to a project, a written justification for why it is not necessary.
26	Includes description of construction-phase BMP protection techniques specific to categories of LID BMPs (e.g., infiltration and dispersion) as well as <i>specific</i> LID BMPs (permeable pavement, bioretention areas/rain gardens, and vegetated roofs per Addendum Section 6.1 [related to Element No. 13]).
Construction Phasing	
27	Provides intended sequence and timing of construction activities and any proposed construction phasing (including construction restraints for environmentally sensitive areas). See also the sequencing requirements in Addendum Section 6.1.
28	Includes construction schedule, including the activities that will continue during the wet season and how the transport of sediment from the construction site to receiving waters will be prevented.
Financial/Ownership Responsibilities	
29	Description of ownership and obligations for the project, including financial responsibility for environmental liabilities associated with construction.
Engineering Calculations	
30	All calculations made for the design of such items as sediment ponds, diversions, and waterways, as well as calculations for runoff and stormwater detention design are attached (if applicable).
CONSTRUCTION SWPPP DRAWINGS (SWMMWW Volume II, Section 3.2.2)	
31	Refer to the general Drawing Requirements in SWMMWW Volume I, Chapter 3; Addendum Checklist 1: Category 1 Stormwater Site Plans, and Addendum Checklist 2: Category 2 Stormwater Site Plans.
Vicinity Map	
32	Provides a map with enough detail to identify the location of the construction site, adjacent roads, and receiving waters.
Site Map	
33	Legal description of the property boundaries or an illustration of property lines (including distances) on the drawings.

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34	North arrow.
35	Existing structures and roads.
36	Boundaries and identification of different soil types.
37	Areas of potential erosion problems.
38	Any on-site and adjacent surface waters, critical areas, buffers, flood plain boundaries, and Shoreline Management boundaries.
39	Existing contours and drainage basins and the direction of flow for the different drainage areas.
40	Where feasible, contours extend a minimum of 25 feet beyond property lines and extend sufficiently to depict existing conditions.
41	Final and interim grade contours as appropriate, drainage basins, and the direction of stormwater flow during and upon completion of construction.
42	Areas of soil disturbance, including all areas affected by clearing, grading, and excavation.
43	Locations where stormwater will discharge to surface waters during and upon completion of construction.
44	Existing unique or valuable vegetation and vegetation to be preserved.
45	Cut-and-fill slopes indicating top and bottom of slope catch lines.
46	Total cut-and-fill quantities and the method of disposal for excess material.
48	Stockpile; waste storage; and vehicle storage, maintenance, and washdown areas.
	Temporary and Permanent Conveyance Systems
49	Locations for temporary and permanent swales, interceptor trenches, or ditches.
50	Drainage pipes, ditches, or cut-off trenches associated with erosion and sediment control and stormwater management.
51	Temporary and permanent pipe inverts and minimum slopes and cover.
52	Grades, dimensions, and direction of flow in all ditches and swales, culverts, and pipes.
53	Details for bypassing off-site runoff around disturbed areas.
54	Locations and outlets of any dewatering systems.
	Temporary and Permanent Treatment and Detention BMPs
55	Locations of temporary and permanent stormwater treatment and/or flow control BMPs.
	Temporary and Permanent Erosion and Sediment Control BMPs
56	Shows on the site map and includes details for all structural and nonstructural ESC BMPs (including, but not limited to, silt fences, construction entrances, sedimentation facilities, etc.).
57	Shows on maps and includes details for any construction-phase BMPs or techniques used for LID BMP protection.

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	Other Pollutant BMPs
58	Identifies location of BMPs to be used for the control of pollutants other than sediment. This can include designated concrete washout area, refueling sites, or other BMPs for pollutant control.
	Monitoring Locations
59	Identifies any required water quality sampling locations (sites greater than 1 acre). Sampling stations are located in accordance with applicable permit requirements.
	Standard Notes
60	Notes addressing construction phasing and scheduling are included on the drawings. (Standard Notes are suggested in SWMMWW Appendix II-A.)

Reviewer: _____

Review Date: _____

Reviewer Phone #: _____

Reviewer Comments: