

Construction SWPPP/Erosion and Sediment Control Plan Review Checklist

SECTION A: Complete if the site requires an Erosion and Sediment Control Plan or SWPPP per University Building Standards 31 25 00 Table 1.

Project Name: _____ Project Number: _____
 Project Location: _____ Disturbed Area: _____
 UMN Project Manager (Owner): _____ Net New Impervious Area: _____
 General Contractor (Operator): _____ SWPPP/Plan Date: _____
 SWPPP/Plan Preparer Name: _____ Checklist Completion Date: _____

SECTION B: Complete if the site requires an Erosion and Sediment Control Plan or SWPPP per University Building Standards 31 25 00 Table 1.

UMN REVIEWER	DESCRIPTION OF CONTENT TO BE INCLUDED IN EROSION AND SEDIMENT CONTROL PLAN OR SWPPP	MPCA PERMIT	PLAN PREPARER TO COMPLETE	
			CHECK IF CONTENT INCLUDED	CONTENT LOCATION (EX: PLAN SHEET, SPEC PAGE, DRAIN. REPORT)
<input type="checkbox"/>	A brief Narrative describing the construction activity and potential for sediment and other pollutant discharges from the site.	5.4	<input type="checkbox"/>	
<input type="checkbox"/>	The number of acres of existing and proposed impervious surface.	5.8	<input type="checkbox"/>	
<input type="checkbox"/>	Estimated quantities of all BMPs to be used for the life of the project.	5.7	<input type="checkbox"/>	
<input type="checkbox"/>	Include map showing the location of all surface waters, surface waters that are special or impaired for construction related parameters, existing wetlands, and stormwater ponds or basins within 1 mile (aerial radius measurement) from the project site boundaries. Use the UMN Stormwater Planning Map at this link: https://z.umn.edu/UMN_SpecialImpairedWaters	5.10 5.19	<input type="checkbox"/>	
<input type="checkbox"/>	Grading and drainage plan showing:	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Existing and final grades	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Direction of flow	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Discharge points where stormwater leaves the site and/or enters surface water	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Location of steep slopes	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Impervious surfaces	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Potential pollutant-generating activities (such as building products, pesticides, herbicides, fertilizer, treatment chemicals, hazardous materials, solid waste, portable toilets, etc.)	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Location and type of temporary and permanent erosion and sediment control BMPs to be utilized at the site	5.5	<input type="checkbox"/>	
<input type="checkbox"/>	• Areas not to be disturbed on the site, including the location of any required buffer zones	5.12	<input type="checkbox"/>	
<input type="checkbox"/>	• Construction Activity areas that are adjacent to and drain to Public Waters for which the DNR has promulgated "work in water restrictions" during specified fish spawning time frames (if applicable)	5.11	<input type="checkbox"/>	
<input type="checkbox"/>	Describe stabilization methods for permanent cover of all exposed soils.	5.17	<input type="checkbox"/>	
<input type="checkbox"/>	Description of any permanent BMPs (if applicable).	5.4	<input type="checkbox"/>	
<input type="checkbox"/>	Design specifications for permanent stormwater management systems (if applicable).	5.6	<input type="checkbox"/>	
<input type="checkbox"/>	Calculations for permanent stormwater management systems (if applicable). Include the percentage of actual water quality volume treated compared to required water volume treated.	5.6	<input type="checkbox"/>	
<input type="checkbox"/>	Identify the person(s), organizations, or entities responsible for long-term operation and maintenance of permanent stormwater treatment systems (if applicable).	5.23	<input type="checkbox"/>	
<input type="checkbox"/>	Identify site dewatering practices (if applicable).	10.1	<input type="checkbox"/>	
<input type="checkbox"/>	Standard plates and specifications of permanent and temporary BMPs.	5.5	<input type="checkbox"/>	

SECTION C: Complete ONLY if the site requires a SWPPP and MPCA Permit per University Building Standards 31 25 00 Table 1.

UMN REVIEWER	DESCRIPTION OF CONTENT TO BE INCLUDED IN SWPPP	MPCA PERMIT	PLAN PREPARER TO COMPLETE	
			CHECK IF CONTENT INCLUDED	CONTENT LOCATION (EX: PLAN SHEET, SPEC PAGE, DRAIN. REPORT)
<input type="checkbox"/>	Documentation of name, date of training, training instructor and entity providing training, and content of training course for all individuals performing the following:	5.20 5.21	<input type="checkbox"/>	
<input type="checkbox"/>	• Preparing the SWPPP	5.20	<input type="checkbox"/>	
<input type="checkbox"/>	• Overseeing the implementation of the SWPPP	5.20	<input type="checkbox"/>	
<input type="checkbox"/>	• Performing or supervising the installation of BMPs	5.20	<input type="checkbox"/>	
<input type="checkbox"/>	Grading and drainage plan showing (in addition to Section B):	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Drainage boundary (sub-watersheds by catchment area)	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	• Soil types	5.9	<input type="checkbox"/>	
<input type="checkbox"/>	Timing for installation of all erosion and sediment control construction BMPs.	5.4	<input type="checkbox"/>	
<input type="checkbox"/>	Procedures to establish additional BMPs as necessary.	5.5	<input type="checkbox"/>	
<input type="checkbox"/>	Describe methods to minimize soil compaction and preserve top soil at the site where applicable.	5.24	<input type="checkbox"/>	
<input type="checkbox"/>	Locations of areas to be phased to minimize duration of exposed soils.	5.18	<input type="checkbox"/>	
<input type="checkbox"/>	Identify basin draining practices (if applicable).	10.1	<input type="checkbox"/>	
<input type="checkbox"/>	Include any site assessments for groundwater or soil contamination.	5.25	<input type="checkbox"/>	
<input type="checkbox"/>	Methods for proper use of sediment treatment chemicals (polymers, flocculants, etc.) (if applicable).	5.22	<input type="checkbox"/>	
<input type="checkbox"/>	Stormwater pollution mitigation measures to be utilized as a result of an environmental review for TSS / TP (if applicable).	5.16	<input type="checkbox"/>	
<input type="checkbox"/>	Identify temporary sediment basins, if more than 10 acres are disturbed and drain to a single point of discharge (if applicable).	14.2	<input type="checkbox"/>	
<input type="checkbox"/>	Stormwater design specifications and calculations for temporary sedimentation basins (if applicable).	5.6	<input type="checkbox"/>	
<input type="checkbox"/>	Documentation for why certain design requirements of SWPPP components are not feasible (as allowed in the MPCA permit) and the method that will be substituted to comply with the permit.	5.13 5.14 5.15	<input type="checkbox"/>	
<input type="checkbox"/>	Identify inspection and maintenance practices of all BMPs.	11.1	<input type="checkbox"/>	
<input type="checkbox"/>	Provide a strategy for retaining records, including records of rainfall events.	11.11	<input type="checkbox"/>	
<input type="checkbox"/>	Provide a strategy for documenting SWPPP modifications during construction.	6.1	<input type="checkbox"/>	
<input type="checkbox"/>	Describe overall erosion prevention practices to be carried out on site.	8.1	<input type="checkbox"/>	
<input type="checkbox"/>	Describe overall sediment prevention practices to be carried out on site.	9.1	<input type="checkbox"/>	
<input type="checkbox"/>	Identify pollution prevention management measures to be carried out on site.	12.1	<input type="checkbox"/>	
<input type="checkbox"/>	Requirements for permit termination.	13.1	<input type="checkbox"/>	
<input type="checkbox"/>	UMD Addendums (if applicable).		<input type="checkbox"/>	
<input type="checkbox"/>	Statement that a copy of MPCA Construction Permit will be kept onsite with the SWPPP.		<input type="checkbox"/>	

SECTION D: UMN REVIEWER TO COMPLETE

UMN REVIEWER NAME: _____ DATE REVIEWED: _____

CIRCLE: YES / NO MPCA PERMIT IS REQUIRED?

CIRCLE: YES / NO UMN GRADING PERMIT IS REQUIRED?

COMMENTS: