



## MS4 Stormwater Pollution Plan Review

Permit #		Date Received:		SWPPP Reviewer:		
Project Name:	Site Size:	acres				
	Area of Disturbance:	acres				
Address / Location:	Existing Impervious:	acres				
	Proposed Impervious:	acres				
<b>Notes:</b>						
1. A completed checklist shall be provided for all projects requiring the development of a stormwater management plan in the city.						
2. Provide a comment for any item checked with a no.						
<b>Permits</b>						
				Yes ✓	No ✓	NA ✓
Has an NPDES Construction General Permit been obtained?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are Wetlands shown on plans and has wetland permitting been completed?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is any work being proposed within a DNR Public Water? If yes, have all applicable permits been obtained?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are any other permits necessary and have they been obtained?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>						
<b>Plan Details</b>						
				Yes ✓	No ✓	NA ✓
A description of the construction activities and the potential for sediment and other pollutant discharges from the site.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maps showing the locations of all surface waters, including wetlands, stormwater ponds or basins within one mile of the site.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Areas of the site that will drain to a public water the Department of Natural Resources has promulgated "work in water restrictions" for fish spawning timeframes.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A determination whether surface waters within one mile of the site are special or impaired for one of the construction-related parameters and additional or enhanced BMPs that will be utilized to address the special or impaired waters.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater pollution mitigation measures to be utilized as a result of an environmental review.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Additional measures needed at the site to address karst or drinking water supply management areas.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Training documentation for all individuals required to be trained in associated duties in regard to the SWPPP.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A site map showing both the existing and final grades, including direction of flow and pre and post drainage area divides. The site map must also include locations of steep slopes, impervious surfaces, soil types, and pollutant-generating activities (building products, pesticides, herbicides, fertilizer, treatment chemicals, hazardous materials, solid waste, portable toilets, etc.).				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Estimated quantities of all erosion prevention and sediment control BMPs to be used for the life of the project.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timing of installation for all erosion prevention and sediment control BMPs and permanent stormwater management systems.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Location and type of all permanent and temporary erosion prevention and sediment control BMPs to be installed at the site along with procedures to establish additional BMPs as necessary.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A description of methods to be used for site dewatering and basin draining.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Areas not to be disturbed on the site, including the location of buffer zones.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Locations of areas to be phased to minimize duration of exposed soils.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methods to minimize soil compaction and preserve top soil at the site.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methods used to achieve final stabilization.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timing of installation for all erosion prevention and sediment control BMPs and permanent stormwater management systems.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A description of pollution prevention measures for storage, handling and disposal of hazardous materials, solid waste, concrete and equipment wash water, portable toilets, construction products and materials.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A description of inspection and maintenance activities and record keeping.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Procedures for terminating permit coverage.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>						

Temporary Erosion Control BMPs			
	Yes ✓	No ✓	NA ✓
Does the plan show the location of erosion control measures (with standard detail plates and maintenance information for each)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are temporary rock entrances/exits for all vehicle access points shown on plan (provide detail)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the perimeter silt fence shown? Silt fence and/or rock checks should also be placed along swales or slopes greater than 50 feet in length (flare ends of silt fence up slope).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the type of each storm sewer inlet protection and location graphically shown?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are temporary sediment basins shown?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the plan provide temporary stabilization measures to stabilize the soils no later than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased, and no later than seven (7) days after construction activity in that portion of the site has temporarily or permanently ceased when discharge points on the project are within one mile of a special or impaired water and flows to that special or impaired water? Options for temporary or permanent stabilization may include: erosion control mat, fiber blankets, netting, temporary seed, or temporary mulch.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are soil stockpile areas (indicate temporary stabilization measures) shown?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is street sweeping required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the plan include a note indicating that all adjacent streets will be swept daily, or as directed by the City, to remove all accumulated materials? Failure to perform any street sweeping within six hours of notice by the City will result in the work being performed by the City and all associated costs billed. The City also requires removal of accumulated materials on streets during winter.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the SWPPP include an erosion and sediment control inspection schedule along with a person responsible for conducting inspections and ensuring maintenance is being performed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>			
Stormwater Management Plan			
	Yes ✓	No ✓	NA ✓
Has a subwatershed delineation map been provided for the existing and proposed conditions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have modeling calculations been provided comparing the existing and proposed runoff conditions for the 1-year, 10-year, and 100-year 24-hour storm event using Atlas 14?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the directly connected impervious been modeled separately (Composite CN Approach)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has off-site drainage been included and accounted for with modeling calculations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are skimmer structures being proposed on the outlets of all ponds?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has a maintenance plan been provided to satisfy the requirements of the City's maintenance agreement?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>			
Volume Control			
	Yes ✓	No ✓	NA ✓
Does the plan provide volume control?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
What is the required volume?			
What is the proposed volume?			
Soil Borings: a. Do the design infiltration rates match the soil conditions? b. Is there at least three feet of separation to seasonally high groundwater or bedrock?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has pretreatment been provided for prior to the discharge to all proposed infiltration/filtration features?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>			
Water Quality			
	Yes ✓	No ✓	NA ✓
Is volume control provided? If yes, then water quality requirements satisfied.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If volume control is not provided does the plan have the required total phosphorus removal from runoff leaving new development and redevelopment projects that exceed one acre of land disturbance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>			
Final Stabilization			
	Yes ✓	No ✓	NA ✓
For new resident construction, is required vegetated stabilization from the front curb line to the back of the structure for the entire width of the lot present? Show seeding and/or turf establishment locations and specifications, including: type of seeding (permanent, temporary, dormant); seed type and application rate; fertilizer type and application rate; mulch type, application rate, and method of anchoring; specifications for installation and maintenance of erosion control mats, blankets, or netting; note requiring seeding/restoration to be completed within 48 hours of final grading; location of all areas to be vegetated.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Comments:</b>			