



STORMWATER QUALITY PERMIT REVIEW CHECKLIST

PROJECT INFORMATION				
1. Project Name/ Applicant Name: _____	2. SWQP # (Reviewer to Complete): _____			
3. Location/Address: _____				
4. Submittal Date:	(1)	(2)	(3)	(4)
5. a. Total Lot Size or Project Size (Acres): _____			b. Total Disturbed Area (Acres): _____	
c. Horizontal Distance to waterway (feet): _____ (or zero if boring under waterway)				
6. Submitted by:	Firm: _____			
	Contact (name and email): _____			
	Phone: _____			
7. Qualified Stormwater Manager (name and email): _____ _____				
SUBMITTAL REQUIREMENTS				

1. General Information and Site Description

ITEM	Permittee to complete: Included (I), not included (NI) or not applicable (N/A)	MS4 Reviewer to complete: (I, NI, or N/A)
a. A completed Stormwater Quality Permit Application.		
b. Documentation of an application for a State CDPS stormwater construction general permit (SCP). (For sites over one acre or common plan of development)		
c. A description of the nature and type of construction activity (e.g., low density residential, shopping mall, highway, etc.).		
d. The proposed schedule and sequence for major construction activities and the planned implementation of control measures for each phase. (e.g., clearing, grading, utilities, vertical, etc.)		
e. Estimates of the total acreage of the site, and the acreage expected to be disturbed by clearing, excavation, grading, or any other construction activities. SCP requires construction limits and disturbance acreages be provided. If these are the same indicate as such.		
f. Existing data describing the soil types on the site and/or the potential for soil erosion.		
g. A description of the percent of existing vegetative ground cover relative to the entire site and the method for determining the percentage.		
h. A description of any allowable non-stormwater discharges at the site, including those being discharged under CDPS low risk discharge guidance policy.		

i.	A description of areas receiving discharge from the site. Including a description of the immediate source receiving the discharge. If the stormwater discharge is to a municipal separate storm sewer system, the name of the entity owning that system, the location of the storm sewer discharge, and the ultimate receiving water(s).		
j.	A description of all stream crossings located within the construction site boundary.		

2. SWMP Site Map Requirements

ITEM	Permittee to complete: Included (I), not included (NI) or not applicable (N/A)	MS4 Reviewer to complete: (I, NI, or N/A)
a.	Construction site boundaries	
b.	Limits of Disturbance. All areas of ground surface disturbance on the site including areas of borrow and fill. The SCP requires construction and disturbance limits be illustrated on the site maps. If they are the same indicate as such on the maps.	
c.	Flow arrows that depict stormwater flow directions on-site and runoff direction	
d.	Areas used for storage of soil	
e.	Locations of all waste accumulation areas, including areas for liquid, concrete, masonry, and asphalt. <i>These areas must be located away from watercourses, drainage ditches, field drains, or other stormwater conveyances to the extent feasible.</i>	
f.	Locations of dedicated asphalt, concrete batch plants, and masonry mixing stations.	
g.	The location of all structural controls, such as perimeter controls, sediment basins and vehicle tracking controls.	
h.	The location of all non-structural control measures, such as protection of existing vegetation, areas to be seeded after construction, and temporary stabilization areas. <i>Note: Temporary stabilization is anticipated to be redlined in the field.</i>	
i.	Locations of springs, streams, wetlands and other state waters, including areas that require pre-existing vegetation be maintained within 50 feet of a receiving water, where determined feasible in accordance with State SCP.	
j.	Locations of all stream crossings located within the construction site boundary	

3. Construction Stormwater Management Controls for Potential Pollutant Sources

ITEM	Permittee to complete: Included (I), not included (NI) or not applicable (NA)	MS4 Reviewer to complete: (I, NI, or NA)
A description of all potential pollution sources, including surface disturbing activities, vehicle fueling areas, fertilizer or chemical storage, concrete truck washouts, etc. (See below for minimal pollutants that must be evaluated):		
a.	All disturbed and stored soils	
b.	Vehicle tracking of sediments	
c.	Management of contaminated soils	
d.	Loading and unloading operations	
e.	Outdoor storage activities (erodible building materials, fertilizers, chemicals, etc.)	
f.	Vehicle and equipment maintenance and fueling	
g.	Significant dust or particulate generating processes (e.g., saw cutting material, including dust)	
h.	Routine maintenance activities involving fertilizers, pesticides, detergents, fuels, solvents, oils, etc.	

i.	On-site waste management practices (waste piles, liquid wastes, dumpsters, etc.)		
j.	Concrete truck/equipment washing, including the concrete truck chute and associated fixtures and equipment. Note there must be adequate buffering capacity for excavated washouts.		
k.	Dedicated asphalt, concrete batch plants, and masonry mixing stations		
l.	Non-industrial waste sources that may be significant such as worker trash and portable toilets		
m.	Other areas or procedures where potential spills can occur		
n.	Material handling: Does the SWMP describe and locate all control measures implemented at the site to minimize impacts from handling significant materials (e.g., paints, concrete, trash, etc.) that could contribute pollutants to runoff?		
o.	Spill Prevention and Response Plan - Does the SWMP have a spill prevention and response plan that includes providing secondary containment for 55 gallon or greater bulk storage of petroleum products and other liquid chemicals?		
p.	Implementation of Control Measures – Does the SWMP include design specifications that contain information on the implementation of the control measure in accordance with good engineering, hydrologic and pollution control practices; including as applicable drawings, dimensions, installation information, materials, implementation processes, control measure-specific inspection expectations, and maintenance requirements.		

4. Effluent Limitations

ITEM	Permittee to complete: Included (I), not included (NI) or not applicable (N/A)	MS4 Reviewer to complete: (I, NI, or N/A)
A description of effluent limitations (not already covered in other sections of this checklist).		
a.	Based on the SWMP narrative and maps, does all runoff from disturbed areas and soil storage areas for which permanent or temporary stabilization has not been implemented appear to flow to at least one control measures to minimize sediment?	
b.	If there is a sediment basin or other impoundment, does the outlet draw water from the top?	
c.	Soil compaction must be minimized for areas where final stabilization will be achieved through vegetative cover or an infiltration control, is this described in the SWMP?	
d.	Topsoil must be preserved for areas that will utilize vegetative cover for final stabilization unless infeasible. Is this addressed in the SWMP?	
e.	Disturbances must be minimized, especially on steep slopes. Is this stated in the SWMP?	
f.	Temporary stabilization must be implemented for earth disturbing activities on any portion of the site where ground disturbing construction activity has permanently ceased, or temporarily ceased for more than 14 calendar days. Is this addressed in the SWMP or an alternative schedule given?	

5. INSPECTION AND MAINTENANCE

ITEM	Permittee to complete: Included (I), not included (NI) or not applicable (N/A)	MS4 Reviewer to complete: (I, NI, or N/A)
a.	A description of inspection frequency and maintenance practices.	

6. Final Stabilization and Long-Term Stormwater Management

The SWMP must include the following information on post-construction stabilization and long-term stormwater management:

ITEM	Permittee to complete: Included (I), not included (NI) or not applicable (N/A)	MS4 Reviewer to complete: (I, NI, or N/A)
<p>a. A description of the practices that will be used to achieve final stabilization of all disturbed areas at the site, including, but not limited to:</p> <ul style="list-style-type: none"> • Seed mix selection and methods of seed application; • Soil preparation and amendments; • Soil stabilization methods (Straw, hydromulch, rolled erosion control products); • Use of topsoil if salvation was feasible and if not feasible, information why topsoil preservation was not possible; • Sediment control BMPs to be maintained until stabilization is achieved; • Non-erosive surfaces (such as asphalt, concrete, riprap, gravel, etc.); • Landscaping plans or other stabilization practices as applicable. <p><i>Sediment that collects within the site's drainage system and permanent water quality or quantity controls is considered unstabilized soil, and must be removed prior to the site being considered finally stabilized.</i></p>		
<p>b. A description of structural post-construction or permanent control measure practices to manage stormwater runoff once construction activities have been completed. The post-construction checklist must also be submitted for projects disturbing one acre or more within the urbanized area.</p> <p><i>The permanent control measures must meet design requirements of SDCM Section 1204. Certain projects such as stream stabilization or trail work may qualify for an exclusion from the requirement to implement structural post-construction control measures. Post construction control measures and drainage reports are reviewed separately and have separate requirements other than just being shown on the SWMP Maps and describe briefly in the SWMP. See Boulder County Post Construction Checklist for those requirements.</i></p>		

County Reviewer Comments:

Does the SWQP submittal meet the requirements of County regulations? _____

Date of review letter: _____

Reviewer's Name: _____

Reviewer's Signature (to be signed upon final review and acceptance):

Note: The Boulder County Public Works Department has reviewed the Construction Stormwater Management Plan (SWMP) as part of the above referenced Stormwater Quality Permit (SWQP) submittal. The SWMP was reviewed for local-level purposes, including conformance with Boulder County Land Use Code (LUC) pertaining to erosion and sediment control. Importantly, the SWMP was not reviewed for conformance with the Colorado Discharge Permit System (CDPS) general permit for *Stormwater Discharges Associated with Construction Activities* (state stormwater discharge permit); therefore, Boulder County's review does not ensure compliance with the state stormwater discharge permit or the required SWMP contents. Additional control measures may be requested in the field if the reviewed control measures are not adequate for field conditions.