



CDOT SWMP Preparer and Reviewer Checklist

Project Name: _____
 Subaccount No.: _____
 Region: _____
 Project Type: _____
 SWMP Preparer Name: _____
 SWMP Preparer Cert. No.: _____
 SWMP Review Date: _____
 SWMP Reviewer Name: _____
 SWMP Reviewer Cert. No.: _____

The CDOT SWMP Checklist focuses on required Project SWMP materials included in Project Narratives (Tab 1), SWMP Maps (Tab 2), Standard Specifications and Project Special Provisions (Tab 3), M-Standards (Tab 4), Existing Vegetation (Tab 17), and Permanent Water Quality Plan Sheets (Tab 18). CDOT compiles information for these five SWMP sections before a Design-Bid-Build project goes to advertisement (AD). Design-Build Contractors are responsible for compiling this information in project SWMP notebooks prior to CDOT SWMP review.

The CDOT SWMP review verifies that the items listed below are included in the Project SWMP materials. The Project SWMP materials are the SWMP package prepared for AD or the Design-Build Contractor's SWMP prepared for CDOT review in advance of submitting notification for coverage under the Colorado Discharge Permit System – Stormwater Construction Permit (CDPS-SCP).

Item No.	SWMP Preparer		SWMP Reviewer		Required SWMP Component
	Yes	No	Yes	No	
SWMP Plan Sheet Requirements					
1					The Project Site Description accurately describes the location and types of construction activities planned <i>Notes: 208.03(d)1</i>
2					The summary of approximate quantities matches SWMP Template Tabulation of Quantities <i>Notes: 109.01</i>
3					The SWMP includes proposed sequencing for major construction activities and planned implementation of control measures for each phase <i>Notes: SWMP describes the major sequencing of construction activities with attention to how the project may impact water quality.</i>

CDOT SWMP Checklist (August 23, 2019)

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4					<p>Areas of Disturbance are identified</p> <p>Notes: 107.25(a)1. Locations where any activity has altered the existing soil cover or topography, including vegetative and non-vegetative activities during construction.</p>
5					<p>Existing soil data is included</p> <p>Notes: The SWMP includes at least one of the 12 USDA soil texture classifications and soil potential for erosion</p>
6					<p>Existing vegetation, including percent cover, and transect locations (with pre-construction percent cover at each site)</p> <p>Notes: The SWMP identifies who is responsible for completing the vegetative transect. The SWMP must include the percent cover and pictures of the completed transects. Images shall demonstrate that transect(s) was completed in accordance to section 4.11.2 of the Erosion Control and Stormwater Quality Guide. Photographs should include the following record: project number, project code, name of person who took the picture, date and time stamp, and location and approximate station or mile marker.</p> <p>CDOT Erosion Control and Stormwater Quality Guide, Chapter 4 - A minimum of at least one 50-foot transect of pre-construction and post-construction cover shall be conducted for every 5 acres that is cleared, graded, or excavated. The environmental specialists shall determine the number of transects required for large construction projects (>20 acres).</p>
7					<p>Temporary control measures to control run-on and run-off are identified and appropriate.</p> <p>Notes: Run-on and run-off must be factored into the selection of temporary control measures</p>
8					<p>All receiving water(s) are identified</p> <p>1. Outfall locations: plans or a table identify all pipes, ditches, if project is in an MS4 and if in an MS4 the name of the MS4. 2. Names of receiving water(s) on site 3. Ultimate receiving water for discharges from the project site. 4. Horizontal distance nearest water of the state is from project.</p>
9					<p>Environmental Impacts are identified and characterized including description of any allowable non-stormwater discharges</p> <p>Notes: The SWMP has a completed Wetland Impacts, Stream Impacts and Threatened and Endangered Species section. The SWMP Reviewer will work with the Region's biologist to ensure that the project has obtained all applicable permits.</p>
10					<p>The SWMP includes a description of all stream crossings located within the construction site boundary, as applicable</p> <p>Notes: The SWMP has identified and described all stream crossings</p>
Required SWMP Site Map Components					
11					<p>Construction Site Boundary/Limits of Construction (LOC)</p> <p>Notes: 107.25(a)2. The Project Area defined by the Stormwater Construction Permit</p>

CDOT SWMP Checklist (August 23, 2019)

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12	All areas of ground surface disturbance Notes: <i>The SWMP will identify where all areas of ground surface disturbance appear in the plans.</i>				
13	Areas of cut and fill Notes: <i>The SWMP will identify where areas of cut and fill appear in the plans.</i>				
14	Flow Arrows (existing preconstruction conditions) Notes: <i>Are flow arrows inserted in enough quantity that the regulators can tell where on-site and runoff water is flowing?</i>				
15	The location of all structural control measures Notes: <i>The SWMP will identify where locations of all structural control measures appear in the plans.</i>				
16	The location of all non-structural control measures, as appropriate Notes: <i>The SWMP will identify where locations of all non-structural control measures appear in the plans.</i>				
17	Springs, streams, wetlands and other surface water including locations of all stream crossings Notes: <i>The SWMP will identify where springs, streams, wetlands, and other surface water(s) appear in the plans.</i>				
18	Protection of trees, shrubs, cultural resources and mature vegetation and 50-foot waterway buffer, if feasible Notes: <i>The SWMP will identify where trees, shrubs, cultural resources and existing mature vegetation to protect appear(s) in the plans.</i>				
Stormwater Management Controls, First (Initial) Construction Activities					
19	Narratives Notes: <i>The SWMP shall have a narrative for each Control Measure designed into the SWMP and identified in the Control Measure Matrix. Each narrative shall clearly describe the relationship between the phases of construction and the implementation of each additional Control Measure. The narrative shall include what, when, where and why each Control Measure is used.</i> <i>If the SWMP identifies a Non-Standard Control Measure, the SWMP shall contain a Non-Standard Control Measure Specification and Narrative.</i>				
20	Control Measure Matrix Notes: <i>Each of the applicable boxes will be marked in the Control Measure matrix, including an "X" for each non-standard control measure, an "X" if the control measure will be located by the SWMP Administrator and an "X or P" for each phase that will employ each control measure.</i>				
21	Tabulation of Stormwater Quantities Notes: <i>The Tabulation of Stormwater Quantities will be complete for the SWMP design, including labor hour, equipment horsepower, and pay items. The SWMP shall not include pay items not applicable to the SWMP design. Quantities should include a safety factor for unforeseen conditions and life expectancy.</i>				
22	Vehicle Tracking pad (initial access to site as determined in design or note: to be located by SWMP Admin for Construction) Notes: <i>M-208-1 Vehicle Tracking Pad and Standard Specifications Subsection 208.02(k) – includes minimum dimensions of 12' wide, 70' long and 6" deep at all vehicle ingress and egress points</i>				

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	Yes	No	Yes	No	
23					Clean water/stream diversions/temporary stream crossings <i>Notes: CDOT Standard Specifications for Road and Bridge Construction,</i>
Specifications and Reviews					
24					Project Special Provisions that modify subsection 107.25 and Sections 207, 208, 212, 213, 216, and, if applicable, 101 and 214. <i>Notes:</i>
25					Documentation that the Standards and Specifications Unit (SSU) and the MS4 Construction Program Manager (MCPM) reviewed and accepted Project Special Provisions that modify subsection 107.25 and sections 208, 213, and 216 (CDOT's water quality specifications). <i>Notes: refer to CDOT's MS4 Construction Program Manual, SOP D2</i>
26					A CDOT Hydraulic Engineer reviewed all permanent ditch checks, check dams, run-downs and water quality structures, and was given the option to review temporary ditch checks, check dams, run-downs and water quality structures <i>Notes: M-208-1 Rock Check Dam, CDOT Standard Specifications for Road and Bridge Construction, subsection 208.02(f), M-615-1 and M-615-2, and https://www.codot.gov/programs/environmental/water-quality/documents/cdot-drainage-design-manual-water-quality-section.pdf</i>
Format					
27					The SWMP uses the current CDOT SWMP Template <i>Notes:</i>
28					The Microstation file is set up with CDOT Border, or local agency border as appropriate, using correct nomenclature including all project numbers, information, and other required project information <i>Notes:</i>
Additional Design-Build SWMP Requirements					
29					Current M-208-1 Standards <i>Notes:</i>
30					Current Standard Specifications subsection 107.25 and Sections 207, 208, 212, 213, 216, and, if applicable, 101 and 214 <i>Notes:</i>

