**Revisions to Standard Specifications 107.25 and 208 - Water Quality Control and Erosion Control**

The purpose of this Bulletin is to provide information and instruction regarding revisions to Standard Specifications 107.25 and 208. Changes to the specifications were made to ensure compliance with the Colorado Department of Public Health and Environment’s (CDPHE) new Colorado Discharge Permit System General Permit for Stormwater Discharges Associated with Construction Activities (SCP) (COR400000). This permit was issued on October 31, 2018 and is effective on April 1, 2019. The revised specifications will be applied to all new projects advertised after Thursday, March 28, 2019.

To prepare for compliance with the new standard special provisions, the following is recommended prior to advertisement:

1) Add a Force Account item for stormwater sampling if your project discharges to an impaired waterbody. The CDPHE may require sampling of runoff from sites that discharge to impaired waters, and reserves the right to require sampling from any site with an active permit. A Force Account in the initial amount of $2,500.00 per discharge location per year of active construction is recommended.

2) The Resident Engineer (RE) will continue to be the individual signing the permit application on behalf of the Colorado Department of Transportation (CDOT). The RE is required to set up an account in the Colorado Environmental Online System (CEOS) at <https://ceos.colorado.gov/CO/CEOS/Public>, which is CDPHEs new electronic system for permit-related submittals. The site includes an on-line tutorial as well as the attached CEOS guide.

If the RE changes during the course of the construction project, the signature authority for the permit will need to be transferred to the new RE. Additional information on this process will be made available as it is received from the CDPHE.



There are four major changes to the 107.25 specification:

1. The SCP now requires co-permittees to be identified on the permit. Co-permittees will be the Owner and Operator of the construction project. Definitions for the terms Owner and Operator have been included in the specification, subsection 107.25(a) to clarify the permit signatory requirements. A separate Environmental Bulletin (Bulletin # 19-001)) has also been issued to further clarify the agencies SCP Owner and Operator.
2. Subsection 107.25(b)13 has been replaced to clarify that discharges to the ground of concrete washout water associated with the washing of concrete tools and concrete mixer chutes is only considered an allowable non-stormwater discharge under the new permit if washout water does not leave the site as surface runoff and does not enter State waters.
3. Information has been added to subsection 107.25(b)(8) to further clarify the allowable stormwater and non-stormwater discharges covered under the new permit. The most significant change to allowable discharges is that discharge of uncontaminated groundwater to land (from construction dewatering activities) is no longer covered under the new permit as this was always covered under CDPHE’s Low Risk Discharge Guidance Policy for Uncontaminated Groundwater to Land.
4. Subsection 107.25(c) has been replaced to ensure that CDOT’s requirements for obtaining a SCP align with the requirements of the new permit issued by CDPHE. This change will result in internal administrative changes but is not expected to impact the contractor’s working on CDOT construction projects. Note that a SCP is no longer automatically approved after 10 days. No work shall begin until written approval has been received from CDPHE.

The major changes to the 208 specification include:

1. The term “best management practices” has been replaced with “control measures” throughout the specification to reflect the terminology change in the SCP.
2. The specifications have been revised to be compliant with the new requirements and guidelines in the SCP including, but not limited to:
   1. Requirements for both structural and nonstructural control measures:
      1. Install outlets that withdraw water from at or near the surface when discharging from basins or impoundments;
      2. Maintain pre-existing vegetation or equivalent control measures for areas within 50 horizontal feet of receiving waters;
      3. Minimize soil compaction for areas that will receive final vegetative cover;
      4. Preserve topsoil unless infeasible; and
      5. Minimize amount of soil exposed during construction).
   2. Clarification was added that stormwater runoff from all disturbed areas and soil storage areas for which permanent or temporary stabilization is not implemented must flow to at least one control measure to minimize sediment in the discharge.
   3. Requirement to take corrective action for inadequate control measures.
3. In subsection 208.03(a), the time period for review of modifications to control measures or to the Stormwater Management Plan (SWMP) has been revised from 5 to 7 days, to allow time for adequate review of the proposed changes.
4. Specifications for several control measures (such as silt fence, erosion logs, concrete washout structures, etc.) have been revised and updated to better reflect industry standards.
5. Bid items have been added or expanded for the following control measures:
   1. Erosion Log (Type 3)
   2. Pre-Fabricated Concrete Washout Structure has been replaced with:
      1. Pre-Fabricated Concrete Washout Structure (Type 1)
      2. Pre-Fabricated Concrete Washout Structure (Type 2)

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Please download the complete *Revision of Section 107 – Water Quality Control* and *Revision of Section 208 – Erosion Control* for reference during your construction projects. These standard special provisions can be found on the Design and Construction Project Support web page at:

<https://www.codot.gov/business/designsupport/cdot-construction-specifications/2017-construction-standard-specs/rev-ssp>

When finalized, the new M-208-1 standard plans can be found at: <https://www.codot.gov/business/designsupport/standard-plans/copy_of_2012-m-standards-plans>

When finalized, the revised SWMP template for projects with one or more acres of disturbance can be found at: <https://www.codot.gov/programs/environmental/landscape-architecture>

Updates will be made to the CDOT Project Development Manual, Section 3.15 Environmental-Stormwater Management Plans and Section 3.17 Environmental-Water Quality, to reflect the new project requirements, as soon as all information is gathered from CDPHE.