

SECTION 01802

STORM WATER POLLUTION PREVENTION PLAN CONSTRUCTION ACTIVITY BEST MANAGEMENT PRACTICES

PART 1 GENERAL

1.01 DESCRIPTION AND SCOPE

The State Water Resources Control Board (SWRCB) has promulgated a General Construction Activity Stormwater Permit (Permit No. 99-08-DWQ) hereafter referred to as the General Permit. The General Permit authorizes the discharge of stormwater associated with construction activity from construction sites. The Contractor is required to obtain coverage under this permit. In order to obtain coverage under the General Permit, the Contractor shall submit a Notice of Intent (NOI) with a wet signature along with a site map and fee of \$700 to the Storm Water Unit in the SWRCB. A copy of the NOI is attached to the General Permit (Order No. 99-08-DWQ). Information can be requested of the SWRCB at (916) 341-5537. Under these requirements, the Contractor shall develop a Storm Water Pollution Prevention Plan (SWPPP) that addresses all of the required elements as stated in the General Permit, and outlined in this specification. Complete instructions on complying with the General Permit can be found at the SWRCB's Water Quality website, <http://www.swrcb.ca.gov/stormwtr/construction.html>.

B. The Contractor shall comply with the following prohibitions, limitations, and general requirements contained in the General Permit:

1. Prohibitions:

The General Permit authorizes the discharge of storm water to surface waters from construction activities that result in the disturbance of one or more acres of land. It prohibits the discharge of materials other than storm water and authorized non-storm water discharges and all discharges which contain a hazardous substance in excess of reportable quantities established at 40 Code of Federal Regulations (CFR) 117.3 or 40 CFR 302.4 unless a separate NPDES Permit has been issued to regulate those discharges. In addition, the General Permit contains provisions that uphold discharge prohibitions contained in water quality control plans, as implemented through the nine Regional Water Quality Control Boards (RWQCB).

2. Storm Water Pollution Prevention Plan (SWPPP) Requirements:

The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP should contain a site map(s) which shows the construction site perimeter, existing and proposed buildings, lots, roadways, stormwater collection and discharge points, general topography both before and after construction, and drainage patterns across the project. The SWPPP must list Best Management Practices (BMPs) the discharger will use to protect storm water runoff and the placement of BMPs. Additionally, the SWPPP must contain a visual monitoring program; a chemical monitoring program for 'non-

visible” pollutants to be implemented if there is a failure of BMPs; and a sediment monitoring plan if the site discharges directly to a water body listed on the 303(d) list for sediment. Section A of the Construction General Permit describes the elements that must be contained in a SWPPP. Contractor shall pay all fees.

1.02 SUBMITTALS

The Contractor is required to submit per Section 01300 for approval a Storm Water Pollution Prevention Plan (SWPPP) detailing the placement of physical BMPs required for installation and the methods used to comply with those BMPs directed at operational procedures. A copy of the SWPPP must be submitted to the SWRCB prior to conducting any Construction Activity.

The SWPPP shall be in place before construction activity may start. In order to establish verification of delivery, Contractor shall send the NOI with a receipt request to the SWRCB. The NOI should be sent at least two weeks prior to the start of construction to allow processing of the NOI and assignment of a Waste Discharge Identification Number (WDID No.).

- B. The Contractor must submit a Wet Weather Erosion Control Plan (WWECP) to the SWRCB if any portion of the construction schedule and area of soil disturbance occurs between November 1 and April 15.
- C. The Contractor shall provide the Owner/City/District with a copy of the SWPPP, NOI, WDID No. and WWECP.

1.03 REFERENCES

- A. Numerous guidance documents and references are available for developing a SWPPP or for evaluating and selecting approved BMPs. The Contractor is strongly urged to consult these resources, or other appropriate resources for preparing the SWPPP and selecting BMPs. Templates for producing a SWPPP specifically for Construction Activities, guidance documents, and BMP handbooks are all available electronically from the following agencies and web sites:
 - 1. The State Water Resources Control Board General Construction Storm Water Permit at: <http://www.swrcb.ca.gov/stormwtr/construction.html>
 - 2. The California Storm Water Association web site at: <http://www.cabmphandbooks.com/>
- B. California Department of Transportation (Caltrans) at: <http://www.dot.ca.gov/hq/construc/stormwater/stormwater1.htm>
- C. National Storm Water Best Management Practices (BMP) Database at: <http://www.bmpdatabase.org/>

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