

SECTION 01 57 23

TEMPORARY STORM WATER POLLUTION CONTROL

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Temporary stormwater pollution controls.

1.2 STORMWATER POLLUTION PREVENTION PLAN

- A. The Erosion Control Plan (ECP) Drawing is issued as part of the Contract Documents for use by the Contractor in developing the Stormwater Pollution Prevention Plan (SWPPP) for the Project, and obtaining all permits and authorizations required to begin and execute onsite construction required as part of the contract Scope of Work.
- B. The Stormwater Pollution Prevention Plan (SWPPP) developed by the Contractor shall comply with all EPA, state and local requirements governing the project. No exterior Work, including but not limited to roof demolition shall begin until all required permits and authorizations have been obtained and the temporary Storm Water Pollution Control System is in place and certified as meeting all requirements.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.
 - 1. Meet with Owner, Architect, General Contractor and temporary storm water pollution control contractor. The temporary storm water pollution control contractor superintendent shall be in attendance.
 - 2. Review requirements of the SWPPP, including permitting process, worker training, and inspection and maintenance requirements.

1.4 SUBMITTALS

- A. Stormwater Pollution Prevention Plan (SWPP): Within 15 days of date established for commencement of the work, submit completed SWPPP.
 - 1. Comply with terms of the EPA, state and local general permit for stormwater discharges from construction activities. Prepare SWPPP in accordance with EPA, state and local
 - 2. Include best management practices, general requirements, performance requirements, reporting requirements, and all other requirements whether or not required by the local authority.
 - 3. Copies of all reviews from the Authorities Having Jurisdiction for the Project, including final approval and permit including authorization to proceed with the Work.

4. Provide all inspection logs verifying daily visual inspections of the Temporary Stormwater Pollution Control system and that all components are maintained and repaired as required.
- B. Stormwater Pollution Prevention (SWPP) Training Log: Submit data for each individual performing work under the SWPPP.
- C. Preconstruction Photos: Submit preconstruction photographs and verify receipt by the Architect. All photographs shall be confirmed acceptable to the Architect prior to engaging any Work of this Section.
- D. Restoration Photographs: Submit restoration photographs to Architect no less than 30 days prior to Substantial Completion.
- E. Inspection reports from all required agencies, representatives and organizations.

1.5 QUALITY ASSURANCE

- A. Stormwater Pollution Prevention Plan (SWPPP) Coordinator: Individual or firm having minimum 5 years documented experience with a record of successful water pollution control management coordination of projects with similar requirements.
 1. SWPPP Coordinator shall complete and finalize all required SWPPP documents, forms and submittal content.
 2. SWPPP Coordinator shall be responsible for inspections and maintaining of all requirements of the SWPPP.
- B. Installers: Trained as indicated in the SWPPP.

PART 2 - PRODUCTS

2.1 TEMPORARY STORMWATER POLLUTION CONTROLS

- A. Provide Temporary Stormwater Pollution Controls as required by the SWPPP and in agreement with the ECP Documents.
- B. Preserve all site vegetation, trees, buffer beds and site improvements to the maximum extent practicable.
- C. Where site vegetation, trees, buffer beds and site improvements are damaged during construction, repair or replace such items at no additional cost to the Project or Owner.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Compile and submit SWPPP for review and approval by all Authorities Having Jurisdiction over the Project.

- B. Procure all required approvals and permits necessary to begin installation of the Temporary Storm Water Pollution Protection Control system components. If any variations are necessary due to unforeseen site conditions, resubmit to Authorities and gain approval for any and all such variations and deviations.

3.2 EXAMINATION

- A. Examine all areas where temporary storm water prevention control items are to be installed. Evaluate component installation requirements to achieve complete systems installation acceptable to the Authority Having Jurisdiction. Coordinate to provide any variations and adjustments necessary for items to remain and confirm the intended approach is acceptable to the Authority Having Jurisdiction.
- B. Preconstruction Photographs: Prior to disturbing any site related elements and installing any temporary storm water prevention control items, provide a sufficient number of preconstruction photographs to completely document the preexisting conditions, but no less than 50. All photographs shall be in compliance with Section 01 32 33 Photographic Documentation.
- C. Maintenance: Provide maintenance of all Temporary Stormwater Pollution Control components and make all necessary repairs or replacements to maintain pollution control for the duration of the Work. Execute daily visual reviews of the system and verify compliance, and record all conditions for the Project Record.

3.3 INSTALLATION

- A. Comply with best management practices, general requirements, performance requirements, reporting requirements, and all other requirements included in the SWPPP.
- B. Locate stormwater pollution controls in accordance with the SWPPP.
- C. Conduct construction as required to comply with the SWPPP and that minimize possible contamination or pollution or other undesirable effects.
 - 1. Inspect, repair, and maintain SWPPP controls during construction.
 - a. Inspect all SWPPP controls not less than every seven days, and after each occurrence of a storm event, as outlined in the SWPPP.
- D. Remove SWPPP controls at completion of construction and restore and stabilize areas disturbed during construction. Remedy all damage incurred during construction as part of the Base Bid Scope of Work.
- E. Restoration Photographs: Provide restoration photographs to Architect fully documenting all restoration and stabilization Work and all damage remedies taken to restore the site to an acceptable level. Take a sufficient number of photographs to completely document the remedied conditions but no less than 50. All photographs shall be in compliance with Section 01 32 33 Photographic Documentation.

END OF SECTION