

## SECTION 02240

### STORM WATER POLLUTION PREVENTION PLAN

#### **PART 1 - GENERAL**

##### **1.1 RELATED DOCUMENTS**

- A. Drawings**, General Conditions of the Contract for Construction, Supplementary Conditions of the Contract for Construction including Specification Sections, apply to this Section.

##### **1.2 SUMMARY**

- A. Description** – A Storm Water Pollution Prevention Plan (referred to in this Section as the “Plan”) shall be prepared for this Project by the Contractor. The following section is intended as a proposed scope of work only. The Contractor shall also be responsible for the management of storm water leaving the site. Should the Contractor note any errors or require the addition of management practice to the SWPPP, it shall be the responsibility of the Contractor to convey such concerns to the Architect in writing by submitting proposed changes to the Plan.
- B. Notice of Intent** to obtain a National Pollution Discharge Elimination System (NPDES) permit shall be filed by the Architect after the Architect has approved the plan.
- C. Permit** - A permit application will also need to be filed by the Contractor. The Plan is applicable to work performed under this Contract.
- D. Architect Responsibilities** - The Architect will observe the implementation of the Plan and will be the authority to receive all records and reports.
- E. Contractor Responsibilities:**
1. The Contractor is responsible for the management of storm water runoff from the site in accordance with the SWPPP developed for the Contractor by a Professional Engineer licensed to practice Environmental Engineering in the State of Louisiana. The Contractor is responsible for supplying, installing and paying for all products or materials that will be needed to control storm water runoff.
  2. In addition to any other permits, the Contractor will comply with LDEQ’s requirements for LPDES Notice of Intent (NOI) to Discharge Storm Water Associated with Construction Activities, form CSW-G (09-00) and pay all associated fees and renewal fees. At the completion of the project the Contractor will submit a LPDES Notice of Termination (NOT) of Coverage Under LPDES General Permit for Storm Water Discharges Associated with Construction Activities, form CSW-T (09-00) or current form.
  3. Execute the Plan’s certification statement before performing any service identified in the Plan and have a statement from all subcontractors stating that they will abide by the requirements of the SWPPP.
  4. Provide day-to-day on-site implementation of the Plan.

5. Submit amendments to the Plan to the Architect if a change occurs in design, construction, or maintenance, and such change or event was not addressed in the Plan.
6. Submit amendments to the Plan to the Architect if the Plan proves ineffective in eliminating or significantly minimizing pollutants.
7. Post and display a copy of the NOI or other indication that storm water discharges from site are approved under NPDES permit and a brief description of the work being performed under the Contract. Information shall be posted at the site in a prominent place for public viewing.

## **PART 2 - PRODUCTS**

### **2.1 GENERAL**

- A. **All materials and products** used to ensure storm water management will meet or exceed the standards dictated in the SWPPP. Should the Contractor wish to utilize substitute products or materials, the Contractor will be required to document that the replacement materials will meet or exceed products specified in the SWPPP. New products are not to be used until written authorization has been granted by the Owner or Owner's Representative.

### **2.2 HAY BALES**

- A. **Hay bales** shall be constructed of straw materials. Each bale shall be a minimum of 14 inches wide by 18 inches in height by 36 inches in length and have a mass of at least 50 pounds. The bale shall be composed entirely of vegetative matter, except for the binding material. The installation of hay bales shall conform to the LaDOTD Standard Drawing No. EC-01, as indicated on the Drawings.

### **2.3 SILT FENCING**

- A. **The installation of silt fencing** around drainage structures and the construction limits shall conform to the LaDOTD Standard Drawing No. EC-01, as indicated on the Drawings.

## **PART 3 - EXECUTION**

### **3.1 IMPLEMENTATION**

- A. **General** - The following brief description shall outline procedures the Contractor shall follow to implement the Plan.
- B. **Controls** -
  1. Housekeeping:
    - a. Keep equipment in good working order.
    - b. Routinely clear undisturbed areas and ditches of tall grass and weeds.
    - c. Store materials properly, and inspect storage areas.
    - d. Involve employees in good housekeeping measures.
    - e. Preventive maintenance.
    - f. Regularly inspect equipment.
    - g. Maintain regular maintenance schedule.

- h. Replace equipment when necessary.
- 2. Inspections:
  - a. Perform routine preventive maintenance inspections.
  - b. Regularly inspect surfaces for sheens and discolorations.
  - c. Keep accurate records of inspections.
- 3. Spill Prevention Response:
  - a. Identify potential spill and contamination areas.
  - b. Maintain spill response equipment and procedures.
- 4. Sediment and Erosion Control
  - a. Provide and maintain structural controls to manage drainage flow and erosion.
  - b. Maintain grassy (or undisturbed) areas to control erosion.

**C. Management Approval and Reporting -**

- 1. Report all Reportable Quantity (RQ) spills and leaks to the National Response Center.
- 2. Review and update after any spills or leaks.
- 3. Review and update plan on a yearly basis.
- 4. Complete inspection forms and keep on file.

**D. Employee Training:** Provide training, safety/pollution meeting, and/or posted notices to ensure that all employees understand the components and goals of the Plan and are proficient in preventing storm water contamination. Contractor shall keep records of training sessions. Employee training or posted notices shall include the following:

- 1. Good housekeeping.
- 2. Spill prevention and response.
- 3. Materials handling and storage.
- 4. Site inspection and report certification.

END OF SECTION