

## **DOCUMENT 01410**

### **TPDES REQUIREMENTS**

#### **PART I: GENERAL**

##### **1.1 GENERAL REQUIREMENTS**

- A. Documentation to be prepared and signed by the Contractor before conducting construction operations, in accordance with the Texas Pollutant Discharge Elimination system (TPDES) Construction General Permit Number TXR-150000 issued March 5, 2003 (the Construction General Permit).
- B. Implementation, maintenance inspection, and termination of storm water pollution prevention control measures including, but not limited to, erosion and sediment controls, storm water management plans, waste collection and disposal, off-site vehicle tracking, and other appropriate practices shown on the Drawings or specified elsewhere in the Contract Documents.
- C. Review of the Storm Water Pollution Prevention Plan (SWP3) implementation in a meeting with the Project Manager prior to start of construction.

##### **1.2 DEFINITIONS**

- A. Commencement of Construction Activities: The exposure of soil resulting from activities such as clearing, grading, and excavating.
- B. Large Construction Activity Project that:
  - 1. Disturbs five acres (5 Ac) or more, or
  - 2. disturbs less than five acres (5 Ac) but is part of a larger common plan of development that will disturb five acres (5 Ac) or more of land.
- C. Small Construction Activity Project that:
  - 1. Disturbs one or more acres (1+ Ac) but less than five acres (5 Ac), or
  - 2. disturbs less than one acre (1 Ac) but is part of a larger common plan of development that will ultimately disturb one or more acres (1+ Ac) but less than five acres (5 Ac).

D. TPDES Operator:

1. The person or persons who have day-to-day operational control of the construction activities which are necessary to ensure compliance with the SWP3 for the site or other Construction General Permit conditions.

1.3 REFERENCES

A. CFCO – City of Friendswood Code of Ordinances.

1. Ordinance 2005-01.

B. CFTS – City of Friendswood Technical Specifications.

1. Document 01411 – TPDES Notice of Intent (NOI).
2. Document 01412 – TPDES Construction Site Notice.
3. Document 01413 – TPDES Operator’s Information Form.
4. Document 01414 – TPDES Contractors/Subcontractors Certification.
5. Document 01415 – NPDES Construction Inspection Form.
6. Document 01416 – COF Construction Site Inspection Report.
7. Document 01417 – COF SWPPP Monthly and Event Site Report.
8. Document 01418 – TPDES Notice of Termination

C. TCEQ – Texas Commission on Environmental Quality.

1. Texas Pollutant Discharge Elimination system (TPDES) Construction General Permit Number TXR-150000

**PART II: PRODUCTS – NOT USED.**

**PARTIII: EXECUTION**

**3.1 SITE SPECIFIC STORM WATER POLLUTION PREVENTION PLAN (SWP3)**

- A. Prepare a SWP3 following Part III of the Construction General Permit in accordance with City Ordinance 2005-01.
- B. Update or revise the SWP3 as needed during the construction following Part III, Section E of the Construction General Permit.
- C. Submit the SWP3 and any updates or revisions to the Project Manager for review and address comments prior to commencing, or continuing, construction activities.

**3.2 NOTICE OF INTENT (NOI) For Large Construction Activity**

- A. Fill out, sign, and date TCEQ Form 20022 (02103) Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity under the TPDES Construction General Permit (TXR 150000), Document 01411.
- B. Transmit the signed Contractor's copy of TCEQ Form 20022 (02103), along with a Three Hundred Twenty-Five Dollars (\$325.00) check, made out to Texas Commission on Environmental Quality, and the completed Payment Submittal Form to Project Manager.
- C. The Project Manager shall complete a separate TCEQ Form 20022 (02103) for the City's Notice of Intent, and shall submit both Notices, along with checks for application fees, to the TCEQ.
- D. Submission of the Notice of Intent form by both the City and the Contractor to TCEQ is required a minimum of two (2) days before Commencement of Construction Activities.

**3.2 CONSTRUCTION SITE NOTICE FOR SMALL CONSTRUCTION ACTIVITY**

- A. Fill out, sign, and date the Construction Site Notice, Document 01412, TPDES General Permit TXR 150000 "Construction Site Notice".
- B. Transmit the signed Construction Site Notice to the Project Manager at least seven days (7 D) prior to Commencement of Construction Activity.

**3.4 CERTIFICATION REQUIREMENTS**

- A. Fill out TPDES Operator's Information form, Document 01413, including the Contractor's name, address, and telephone number, and the names

of persons or firms responsible for maintenance and inspection of the erosion and sediment control measures. Use multiple copies as required to document full information.

- B. The Contractor and Subcontractors shall sign and date the Contractor's/Subcontractor's Certification for TPDES Permitting, Document 01414, Include this certification with other Project certification forms.
- C. Submit properly completed certification forms to the Project Manager for review before beginning construction operations.
- D. Conduct inspections in accordance with TCEQ requirements. Ensure the persons or the firms responsible for maintenance and inspection of the erosion and sediment control measures read, fill out, sign, and date the Erosion Control Contractor's Certification for Inspection and Maintenance. Use the EPA NPDES Construction Inspection Form, Document 01415; Document 01416 – City of Friendswood Construction Site Inspection Report and Document 01417 – Monthly and Event Site Report to record maintenance inspections and repairs.

### 3.5 RETENTION OF RECORDS

- A. Keep a copy of this document and the SWP3 in a readily accessible location at the construction site from Commencement of Construction Activity until the submission of the Notice of Termination (NOT) for Storm Water Discharges Associated with Construction Activity under TPDES Construction General Permit (TXR 150000). The Contractors with day-to-day operational control over SWP3 implementation shall have a copy of the SWP3 available at a central location, on-site, for the use of all operators and those identified as having responsibilities under the SWP3. Upon submission of the NOT, submit all required forms and a copy of the SWP3 with all revisions to the Project Manager.

### 3.6 REQUIRED NOTICES

- A. Post the following notices from the effective date of the SWP3 until the date of final site stabilization as defined in the Construction General Permit:
  - 1. Post the TPDES permit number for Large Construction Activity or a signed TCEQ Construction Site Notice for Small Construction Activity. Signed copies of the City's and the Contractor's NOI must also be posted.
  - 2. Post notices near the main entrance of the construction site in a prominent place for public viewing. Post name and telephone

number of the Contractor's local contact person, brief project description and location of the SWP3.

- a. If posting near a main entrance is not feasible due to safety concerns, coordinate posting of notice with the Project Manager to conform to requirements of the Construction General Permit.
- b. If the Project is a linear construction project (e.g.: road, utilities, etc.), post notice in a publicly accessible location near active construction. Move notice as necessary.
- C. Post a notice to equipment and vehicles operators, instructing them to stop, check, and clean tires of debris and mud before driving onto traffic lanes. Post at each stabilized construction exit area.
- D. Post a notice of waste disposal procedures in a readily visible location on site.

### **3.7 ON-SITE WASTE MATERIAL STORAGE**

- A. On-site waste material storage shall be self-contained and shall satisfy appropriate local, state, and federal rules and regulations.
- B. Prepare list of waste material to be stored on-site. Update list as necessary to include up-to-date information. Keep a copy of updated list with the SWP3.
- C. Prepare description of controls to reduce pollutants generated from on-site storage. Include storage practices necessary to minimize exposure of materials to storm water, and spill prevention and response measures consistent with best management practices. Keep a copy of the description with the SWP3.

### **3.8 NOTICE OF TERMINATION**

- A. Submit a Notice of Termination (NOT), Document 01418, to the Project Manager within thirty days (30 D) after:
  1. Final stabilization has been achieved on all portions of the site that are the responsibility of the Contractor; or
  2. Another operator has assumed control over all areas of the site that have not been stabilized; and
  3. All silt fences and other temporary erosion controls have been

removed, scheduled to be removed as defined in the SWP3, or transferred to a new operator if the new operator has sought permit coverage.

- B. The Project Manager shall complete the City's NOT and submit the Contractors and the City's notices to the TCEQ and MS4 entities.

**END OF DOCUMENT**

