

## **PREFACE**

### **Purpose and Description of Document**

The Texas Commission on Environmental Quality (TCEQ) has been granted permission from the Environmental Protection Agency (EPA), Region 6, to establish a permitting program patterned after the National Pollutant Discharge Elimination System (NPDES). This permitting program is identified as the Texas Pollutant Discharge Elimination System (TPDES).

On August 14, 2006, the TCEQ signed and published the final version of the TPDES Storm Water Multi-Sector General Permit (TPDES MS General Permit) for discharges from 30 types of industrial activities. This TPDES MS General Permit (TXR050000) includes activities located at air transportation facilities and requires permittee(s) to submit a Notice of Intent (NOI) for coverage. The NOI signifies that the permittee(s) intend to comply with the TPDES MS General Permit conditions as specified by the TCEQ. Provisions include the elimination of non-storm water discharges to the regulated facility's drainage system, establishment of an annual storm water monitoring program, and development and implementation of a Storm Water Pollution Prevention Plan (SWPPP).

The major objectives of the SWPPP are:

- To identify sources of pollution potentially affecting the quality of storm water discharging from the facility,
- To describe and implement practices to minimize and control pollutants in storm water discharges from the facility, and
- To comply with the terms and conditions of the TPDES MS General Permit for storm water discharges.

Dallas Love Field Airport (DAL) is a commercial and general aviation airport located within the territorial jurisdiction of the City of Dallas, Texas. The airport hosts several major carriers that fly within Texas and into its bordering states, serving approximately 5 million passengers annually.

DAL, as well as its tenants engaging in certain specified industrial activities, is required to obtain permits for storm water discharges from their area of operation. Airport tenants are responsible for ensuring coordination and compliance of their subtenants' and contractors' activities with the SWPPP and any

notification requirements, if applicable. This permit covers only storm water discharges associated with industrial activities. Tenants may need to obtain other environmental permits applicable to their activities.

Each co-permittee at DAL has filed a NOI with the TCEQ. Copies of certifications as required by the TPDES MS General Permit may be found in *Appendix G*. The TPDES permit number assigned under the TPDES MS General Permit and date of the NOI for DAL is as follows:

<u>Permit Number</u>	<u>Date</u>
TXR05V383	6/25/2007

This document describes the SWPPP for DAL, which is under the jurisdiction of the City of Dallas, DOA. It complies with the TPDES MS General Permit requirements and follows the format established by the general permit. DAL will comply with the requirements of the TPDES MS General Permit under a co-located facility status. This category of application means there will be multiple facilities located within the boundaries of the Airport. These facilities will have shared responsibilities and will be guided by one inclusive SWPPP.

This SWPPP provides a framework of Best Management Practices (BMPs) to prevent or minimize the contamination of storm water prior to discharge into the receiving stream. BMPs include non-structural controls, which are practices that improve water quality by preventing pollution at its source, and structural controls, which are facilities to physically treat or handle storm water in order to reduce pollutant loads.

This SWPPP also describes the means by which pollution control measures will be implemented. A Pollution Prevention Team (PPT) consisting of DOA and tenant representatives will be responsible for implementation of the SWPPP and development of any future revisions or updates to the SWPPP. This team structure and members is shown in table 2.1.

#### **List of Co-Permittees**

The co-permittees on the DOA TPDES MS General Permit for DAL are listed on the Pollution Prevention Team in Table 2.1.

### **Requirements to Become a Co-Permittee**

1. Read and understand the conditions of the TPDES MS General Permit.
2. Read and understand the SWPPP.
3. Read and understand the NOI form.
4. Identify:
  - a. Sources of potential pollution affecting the quality of storm water associated with industrial activity in your lease area.
  - b. Outfalls, inlets, and any floor drains to verify the utility connection (i.e., sanitary sewer, storm sewer).
5. Inform the DOA of your findings.
6. Implement all measures of the SWPPP designed to “minimize and control pollutants in storm water discharges.”
7. Sign the certification page of the SWPPP.
8. File NOI with the TCEQ; include the applicable fees.
9. Provide the DOA with a copy of the TCEQ permit identification number, when issued.
10. If your facility is required to develop a Spill Prevention Control and Countermeasures (SPCC) or de-icing plan, provide copies of these documents to the DOA for review and approval.
11. If your facility maintains a separate SWPPP, provide a copy to the DOA.

### **Requirements to Remain Co-permittee**

1. Review the SWPPP periodically.
2. Maintain records in your SWPPP Addendum of:
  - a. Employee training
  - b. Periodic inspections
  - c. Leaks, spills and other discharges of significant materials.
3. Inform DOA, in writing, of any leasehold improvements.
4. Inform DOA, in writing, of changes to the site map located in *Appendix I* of the SWPPP.
5. Notify DOA, in writing, of deicing activities including anti-icing of pavement and sidewalks.
6. Follow the requirements of the SWPPP.
7. Comply with other local, state and federal permits.

### **Requirements to Voluntarily Be Removed From Co-Permittee Status**

A tenant may be removed from co-permittee status if either of the following situations has occurred:

1. The tenant has ceased operations at the facility, which will eliminate storm water discharges associated with industrial activity.
2. A new owner has assumed responsibility for the facility.

The tenant must then:

1. Read, understand and complete the Notice of Termination (NOT) form.
2. Deliver a copy of the NOT to the DOA.
3. Submit the NOT to the TCEQ.

### **DOA Responsibilities**

A summary of actions and items required of DOA by the SWPPP is provided below. For more detail, please see the appropriate section of the SWPPP.

1. DOA shall appoint people to participate in the PPT, which shall meet in an official session once a year. PPT members have been identified in Section II. DOA is responsible for appointing people to fill vacancies. (Section II)
2. DOA PPT members shall perform annual inspections of all industrial facilities. (Section II & V)
3. DOA shall conduct dry weather evaluations of the major storm water outfalls where storm water leaves airport property on an annual basis and fill out the Dry Weather Evaluation Checklist. Once within the permit term the DOA will certify the discharge points on the Non-Storm Water Discharge Assessment and Certification form. If DOA is unable to certify a discharge point, it is required to submit a Notice of Deficiency to the TCEQ within 180 days after the NOI is submitted. Retain copy in the SWPPP. (Section III)
4. DOA is responsible for updating its inventory of chemicals and site map(s) of non-leased areas within 30 days of a significant change in material management that may affect the exposure of materials to precipitation or runoff. (Section IV)
5. Any spills occurring in DOA areas of 1 gallon or more of fuel or a reportable quantity of any other chemical shall be reported to DOA Operations and to the proper regulatory agency. These spills shall be documented using the Spill Reporting Form in *Appendix A*. A Spill History Log of

6. DOA shall conduct annual wet-weather metals monitoring. Results should be recorded on Discharge Monitoring Reports (DMRs) and kept in *Appendix G*. (Section IV)
7. Follow applicable BMPs. (Section V)
8. When construction activity at airport non-leased areas involves five or more acres, a SWPPP must be developed and a Construction General Permit NOI form must be submitted to the TCEQ. For one or more acres but less than five acres, a SWPPP must be developed and a construction site notice must be submitted to the downstream municipal separate storm sewer system (MS4) operator. A copy of the SWPPP and NOI or construction site notice shall be submitted to DOA. All other terms of the Construction General Permit shall be followed. (Section V)
9. Inspections shall be performed in DOA areas using *Checklists 1* through *7* located in *Appendix A*. During deicing activities, self-inspections shall be performed weekly. Deicing reports shall be filed weekly with DOA and completed inspection forms shall be kept for three years.
10. DOA is required to periodically evaluate present operating procedures for runway deicing/anti-icing operation, and periodically update its snow plan. (Section V)
11. Annual training of DOA personnel (for compliance with the SWPPP) is required. New hires shall be trained within 60 days of their start date. DOA shall document employee training using the forms in *Appendix A*. Training records shall be kept for three years. (Section V)
12. DOA shall conduct quarterly visual inspections of selected airport outfalls on *Checklist 4*. Outfall numbers 10, 16, & 18 drain the non industrial areas and the areas under control of the DOA that have the highest potential to affect storm water; such as the DOA Field Maintenance, the DOA Fueling Station, the Fire Stations, the DOA deicing fluid storage area, and the rental car facilities. Visual inspection results should be retained. (Section V) In addition, quarterly visuals for outfalls affected by industrial activities are being monitored by the tenants via their Storm Water Monitoring Locations (SWMLs) and recorded on *Checklist 3*. The SWMLs are identified on the site maps and in the SWPPP and their placements are intended to allow the facilities to observe the water quality as discharge enters and leaves the industrial facility.
13. DOA shall visually inspect hazardous material storage areas, maintenance areas, painting areas and fueling systems for DOA areas on a weekly basis. (Section V)

14. DOA shall conduct quarterly inspections on structural controls and perform maintenance on these controls as necessary. (Section V)
15. Once all DOA deficiencies that were identified in the Annual Site Compliance Evaluations have been corrected, DOA shall certify compliance for DOA areas with the SWPPP for the Annual Report. (Section VI)

## Tenant Responsibilities

A summary of actions and items required of tenants by the SWPPP is provided below. For more detail, please see the appropriate section of the SWPPP.

1. Tenants are responsible for the actions of their sub-tenants and contractors. Tenants are required to monitor the work of sub-tenants and contractors for compliance with the SWPPP. (Section II)
2. This permit does not authorize any non-storm water discharges. Operators of non-storm water discharges must obtain coverage under a separate TPDES permit and provide a copy of that permit to the DOA. (Section III)
3. Tenants are responsible for updating their inventory of chemicals and site map(s) within 30 days of a significant change in material management that may affect the exposure of materials to precipitation or runoff. Notify the DOA in writing of any such change. (Section IV)
4. Any spills occurring in tenant (leased) areas of 1 gallon or more of fuel or a reportable quantity of any other chemical shall be reported to DOA Operations and to the proper regulatory agency when applicable. These spills shall be documented using the Spill Reporting Form. A Spill History Log of spills occurring on the airport shall be kept for at least five years. This log must be updated quarterly. (Section IV)
5. Follow applicable BMPs. (Section V)
6. If a tenant is required by the EPA to have a SPCC plan, the plan shall be on file with the DOA. (Section V)
7. Co-permittees that are involved are not required to have an SPCC plan, shall have a Spill Prevention and Response Plan on file with the DOA and update it as necessary. (Section V)
8. Tenants are required to perform self-inspections using *Checklists 1 through 7* located in *Appendix A*. During deicing activities, self-inspections shall be performed weekly. Deicing reports shall be filed weekly with DOA and completed tenant inspection forms shall be kept for three years.
9. Visually inspect hazardous material storage areas, maintenance areas, painting areas and fueling systems on a weekly basis. (Section V)
10. Train employees (for compliance with the SWPPP) annually. New hires shall be trained within 60 days of their start date. Tenants shall provide DOA with a copy of the training agenda using

11. Tenants shall file a Deicing Plan, if required, with DOA. Update copy on file with DOA as necessary. (Section V)
12. If found to be in non-compliance in the “Annual Report,” a tenant shall complete all necessary actions to achieve compliance within twelve weeks of the evaluation. (Section VI)
13. Once all tenant deficiencies that were identified in the Annual Site Compliance Evaluations have been corrected, the tenant shall certify compliance with the SWPPP for the Annual Report. (Section VI)
14. When construction activity at airport tenant (leased) areas involves five or more acres, the contractor must develop a SWPPP and submit a Construction General Permit NOI form to the TCEQ. For one or more acres but less than five acres, a SWPPP must be developed and a construction site notice must be submitted to the downstream MS4 operator. A copy of the SWPPP and NOI or construction site notice shall be submitted to DOA. All other terms of the Construction General Permit shall be followed. (Section V)
15. Tenants shall conduct quarterly visual inspections of their Storm Water Monitoring Locations (SWMLs) on *Checklist 3*. The SWMLs are identified on the site maps and their placements are intended to allow the facilities to observe the water quality as discharge enters and leaves the facility. Visual inspection results should be retained. (Section V)