

Storm Water Discharge Notification

Storm water discharges from DFW Airport (DFW) property are currently regulated under the Texas Pollutant Discharge Elimination System ("TPDES") and the National Pollutant Discharge Elimination System ("NPDES") Multi Sector General Permit for storm water discharges associated with industrial activity. DFW monitors its storm water outfalls to identify and quantify effluent pollutant concentrations in accordance with D/FW's NPDES multi-sector permit requirements.

The Environmental Affairs Department (EAD) at DFW requires all new and renovated facilities to be designed to: (1) minimize the impact of the intended use on the environment and (2) maximize the ability of the operator to comply with environmental laws and regulations and prevent contamination. As one example, all new and newly renovated facilities must be designed so as to eliminate contamination of storm water, or at a minimum, reduce contamination of storm water runoff below the federal discharge benchmarks by federal law (see 60 FR 50826 attached and any applicable subsequent federal regulations), as well as those in the TPDES storm water permit and any subsequent applicable state regulations. Specifically, EAD staff has observed that facilities where vehicles are parked, loaded/unloaded, idled, stored, maintained or any other non-moving activity is conducted need to directly address achieving at least the benchmark level for Oil and Grease (15 mg/l) through the implementation of both operational and structural Best Management Practices (BMP's). Typically, preventing oil and grease from contaminating storm water runoff requires the construction of infrastructure to provide for removal of oil and grease from first flush runoff from parking areas, including truck dock, loading/shipping operations, fleet/equipment parking and employee parking areas.

Prior to issuance of Construction Authorization, EAD expects to receive design drawings and engineer certifications that demonstrate that the storm water discharges from the entire project will meet the limitations specified in 60 FR 50826, as well as those in the TPDES multi-sector permit, or any subsequent applicable amendments or modifications or those permits. Operators may choose the method of compliance demonstration. Operators will be responsible for meeting the discharge limitations over the lifetime of the facility.

In the event that EAD determines that an Operator's method of compliance selected is not sufficiently effective to meet discharge requirements, an operator will be required to implement additional controls/methodologies to ensure compliance.

In addition, facilities may also be subject to Spill Prevention, Control and Countermeasure ("SPCC") requirements at 40 CFR 112. The design of any new/renovated facility must include a legal determination as to whether SPCC is required; and if so, the design must incorporate the measures specified at 40 CFR 112 or any subsequent applicable federal or state regulation.