

## **Subsection P - Sector P-Land Transportation and Warehousing**

### **P.1 Covered Stormwater Discharges.**

The requirements in Subsection P apply to stormwater discharges associated with industrial activity from Land Transportation and Warehousing facilities as identified by the SIC Codes in Major Groups 40, 41, 42, 43 and SIC 5171, as specified under Sector P in Table D-1 of Appendix D of the permit, namely motor freight transportation facilities (SIC 4212-4231); passenger transportation facilities (SIC 4111-4173); petroleum bulk oil stations and terminals (SIC 5171); rail transportation facilities (SIC 4011, 4013); and United States Postal Service facilities (SIC 4311).

### **P.2 Industrial Activities Covered by This Permit.**

The types of activities that Land Transportation and Warehousing facilities are primarily engaged in are vehicle and equipment fluid changes; mechanical repairs; parts cleaning; Sanding, refinishing and painting; fueling and lubrication; locomotive sanding (loading sand for traction); storage of vehicles and equipment waiting for repair or maintenance; storage of the related materials and waste materials, such as oil, fuel, batteries, tires, or oil filters; and equipment cleaning operations, including areas where the following types of activities take place: vehicle exterior wash down; interior trailer washouts; tank washouts; rinsing of transfer equipment.

### **P.3 Limitation on Coverage**

P.3.1 Prohibited Discharges (see also Part 1.3.4 and P.4.6) This permit does not authorize the discharge of vehicle/equipment/surface washwater, including tank cleaning operations. Such discharges must be authorized under a separate NPDES permit, discharged to a sanitary sewer in accordance with applicable industrial pretreatment requirements, or recycled on-site.

### **P.4 Stormwater Pollution Prevention Plan (SWPPP) Requirements.**

In addition to the requirements contained in Part 2 of the permit, the following specific elements must be included in any SWPPP for a land transportation or warehousing facility authorized under this permit:

P.4.1 Drainage Area Site Map. (See also Part 2.1.2) The site map must also identify the following areas of the facility and indicate whether activities occurring there may be exposed to precipitation/surface runoff: Fueling stations; vehicle/equipment maintenance or cleaning areas; storage areas for vehicle/equipment with actual or potential fluid leaks; loading/unloading areas; areas where treatment, storage or disposal of wastes occur; liquid storage tanks; processing areas; and storage areas.

P.4.2 Potential Pollutant Sources. (See also Part 2.1.4) Describe and assess the potential for the following activities and facility areas to contribute pollutants to stormwater discharges: Onsite waste storage or disposal; dirt/gravel parking areas for vehicles awaiting

maintenance; illicit plumbing connections between shop floor drains and the stormwater conveyance system(s); and fueling areas.

P.4.3 Good Housekeeping Measures. (See also Part 2.1.5.1) The SWPPP must describe the specific good housekeeping control measures used in each of the following facility areas. Recommended measures are discussed as indicated:

P.4.3.1 Vehicle and Equipment Storage Areas. Confine the storage of leaky or leak-prone vehicles/equipment awaiting maintenance to designated areas. Consider the following (or other equivalent measures): The use of drip pans under vehicles/equipment, indoor storage of vehicles and equipment, installation of berms or dikes, use of absorbents, roofing or covering storage areas, and cleaning pavement surfaces to remove oil and grease. Note: The discharge of vehicle and equipment washwater, including tank cleaning operations, are not authorized by this permit and must be covered under a separate NPDES permit or discharged to a sanitary sewer in accordance with applicable industrial pretreatment requirements.

P.4.3.2 Fueling Areas. Implement and describe measures that prevent or minimize contamination of stormwater runoff from fueling areas. Consider the following (or other equivalent measures): Covering the fueling area; using spill/overflow protection and cleanup equipment; minimizing stormwater runoff to the fueling area; using dry cleanup methods; and treating and/or recycling collected stormwater runoff.

P.4.3.3 Material Storage Areas. Maintain all material storage vessels (e.g., for used oil/oil filters, spent solvents, paint wastes, hydraulic fluids) to prevent contamination of stormwater and plainly label them (e.g., "Used Oil," "Spent Solvents," etc.). Consider the following (or other equivalent measures): storing the materials indoors; installing berms/dikes around the areas; minimizing runoff of stormwater to the areas; using dry cleanup methods; and treating and/or recycling collected stormwater runoff.

P.4.3.4 Vehicle and Equipment Cleaning Areas. Implement and describe measures that prevent or minimize contamination of stormwater runoff from all areas used for vehicle/equipment cleaning. Consider the following (or other equivalent measures): performing all cleaning operations indoors; covering the cleaning operation, ensuring that all washwater drains to a proper collection system (i.e., not the stormwater drainage system unless NPDES permitted); treating and/or recycling collected stormwater runoff, or other equivalent measures.

P.4.3.5 Vehicle and Equipment Maintenance Areas. Implement and describe measures that prevent or minimize contamination of stormwater runoff from all areas used for vehicle/equipment maintenance. Consider the following (or other equivalent measures): performing maintenance activities indoors; using drip pans; keeping an organized inventory of materials used in the shop; draining all parts of fluid

prior to disposal; prohibiting wet clean up practices if these practices would result in the discharge of pollutants to stormwater drainage systems; using dry cleanup methods; treating and/or recycling collected stormwater runoff, minimizing run on/runoff of stormwater to maintenance areas.

P.4.3.6 Locomotive Sanding (Loading Sand for Traction) Areas. Consider the following (or other equivalent measures): covering sanding areas; minimizing stormwater run on/runoff; or appropriate sediment removal practices to minimize the offsite transport of sanding material by stormwater.

P.4.4 Inspections. (See also Part 2.1.5.6) Inspect all the following areas/activities: storage areas for vehicles/equipment awaiting maintenance, fueling areas, indoor and outdoor vehicle/equipment maintenance areas, material storage areas, vehicle/equipment cleaning areas and loading/unloading areas.

P.4.5 Employee Training. (See also Part 2.1.5.7) Train personnel at least once a year and address the following activities, as applicable: used oil and spent solvent management; fueling procedures; general good housekeeping practices; proper painting procedures; and used battery management.

P.4.6 Vehicle and Equipment Washwater Requirements. Attach to or reference in your SWPPP, a copy of the NPDES permit issued for vehicle/equipment washwater or, if an NPDES permit has not been issued, a copy of the pending application. If an industrial user permit is issued under a local pretreatment program, attach a copy to your SWPPP. In any case, describe and implement all non-stormwater discharge permit conditions or pretreatment conditions in your SWPPP. If washwater is handled in another manner (e.g., hauled offsite), describe the disposal method and attach all pertinent documentation/information (e.g., frequency, volume, destination, etc.) in the plan.

**P.5 Monitoring and Reporting Requirements. (See also Part 3 of the permit.)**

<b>Table P-1. Sector-specific Numeric Effluent Limitations and Benchmark Monitoring</b>			
<b>Subsector (Discharges may be subject to requirements for more than one sector/subsector)</b>	<b>Parameter</b>	<b>Benchmark Monitoring Concentration<sup>1</sup></b>	<b>Effluent Limit Guidelines</b>
Land Transportation and Warehousing (SIC 4011, 4013, 4111-4173, 4212-4231, 4311, 5171)	Total Suspended Solids (TSS)	100 mg/L	--

<sup>1</sup>You must monitor quarterly in the first year of your coverage for each benchmark parameter (see Part 3.2.2.1). For each parameter, no additional benchmark monitoring is required if the average of your 4 monitoring values does not exceed the benchmark (see Part 3.2.2.3). However, for each parameter there are additional requirements if the average of your four monitoring values exceeds the benchmark (see Part 3.2.2.4).