

Subsection Z - Sector Z-Leather Tanning and Finishing

Z.1 Covered Stormwater Discharges.

The requirements in Subsection Z apply to stormwater discharges associated with industrial activity from leather tanning and finishing facilities as identified by the Activity Code specified under Sector Z in Table D-1 of Appendix D of the permit.

Z.2 Industrial Activities Covered by Sector Z.

Permittees under Sector Z are primarily engaged are leather tanning, currying, and finishing activities.

Z.3 Stormwater Pollution Prevention Plan (SWPPP) Requirements.

In addition to the following requirements, you must also comply with the requirements listed in Part 2 of the permit.

Z.3.1 Drainage Area Site Map. (See also Part 2.1.2) Identify where any of the following may be exposed to precipitation or surface runoff: processing and storage areas of the beamhouse, tanyard, and re-tan wet finishing and dry finishing operations; and haul roads, access roads, and rail spurs.

Z.3.2 Potential Pollutant Sources. (See also Part 2.1.4) At a minimum, describe the following additional sources and activities that have potential pollutants associated with them (as appropriate): temporary or permanent storage of fresh and brine-cured hides; extraneous hide substances and hair; leather dust, scraps, trimmings, and shavings; chemical drums, bags, containers, and above-ground tanks; empty chemical containers and bags; spent solvents; floor sweepings and washings; refuse, waste piles, and sludge; and significant dust/particulate generating processes (e.g., buffing).

Z.3.3 Good Housekeeping Measures. (See also Part 2.1.5.1)

Z.3.3.1 Storage Areas for Raw, Semiprocessed, or Finished Tannery By-products. Pallets and bales of raw, semiprocessed, or finished tannery by-products (e.g., splits, trimmings, shavings) should be stored indoors or protected by polyethylene wrapping, tarpaulins, roofed storage, etc. Consider placing materials on an impermeable surface and enclosing or putting berms (or equivalent measures) around the area to prevent stormwater runoff and runoff.

Z.3.3.2 Material Storage Areas. Label storage containers of all materials (e.g., specific chemicals, hazardous materials, spent solvents, waste materials). Describe and implement measures that prevent or minimize contact with stormwater.

Z.3.3.3 Buffing and Shaving Areas. Describe and implement measures that prevent or minimize contamination of stormwater runoff with leather dust from buffing

and shaving areas. Consider dust collection enclosures, preventive inspection and maintenance programs, or other appropriate preventive measures.

Z.3.3.4 Receiving, Unloading, and Storage Areas. Describe and implement measures that prevent or minimize contamination of stormwater runoff from receiving, unloading, and storage areas. If these areas are exposed, consider the following (or their equivalents): covering all hides and chemical supplies, diverting drainage to the process sewer, or grade berming or curbing the area to prevent stormwater runoff.

Z.3.3.5 Outdoor Storage of Contaminated Equipment. Describe and implement measures that prevent or minimize contact of stormwater with contaminated equipment. Consider the following (or their equivalents): covering equipment, diverting drainage to the process sewer, and cleaning thoroughly prior to storage.

Z.3.3.6 Waste Management. Describe and implement measures that prevent or minimize contamination of stormwater runoff from waste storage areas. Consider the following (or their equivalents): establishing inspection and maintenance programs for leaking containers or spills, covering dumpsters, moving waste management activities indoors, covering waste piles with temporary covering material such as tarpaulins or polyethylene, and minimizing stormwater runoff by enclosing the area or building berms around the area.

Z.4 Monitoring and Reporting Requirements. (See also Part 3 of the permit.)

Table Z-1. Sector-specific Numeric Effluent Limitations and Benchmark Monitoring			
Subsector (Discharges may be subject to requirements for more than one sector/subsector)	Parameter	Benchmark Monitoring Concentration¹	Effluent Limit Guidelines
Leather Tanning and Finishing (SIC 3111)	Total Suspended Solids (TSS)	100 mg/L	--

¹You 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).