

FACT SHEET

MONITORING & INSPECTION

Stormwater Discharge Benchmarks

The Salem Municipal Airport 1200Z permit holder, the City of Salem, conducts regular inspections locally of airport property and regionally, collecting samples from stormwater discharge points during rain events to determine if there are pollutants leaving the site. The City of Salem has specific limits for certain parameters, which can be found in the following table.

Salem Parameter	Limits	Regional Parameter	Limits	Source
Dissolved Copper	0.012 mg/L	Total Copper	0.020 mg/L	Asphalt sealcoating; equipment and vehicles; paint; pressure-treated wood; scrap metal
Dissolved Lead	0.022 mg/L	Total Lead	0.015 mg/L	Equipment and vehicles; paint; scrap metal
Dissolved Zinc	0.050 mg/L	Total Zinc	0.090 mg/L	Asphalt sealcoating; galvanized roofing, fences, or steel; hydraulic fluid spills; paint; scrap metal
pH	5.5–9.0 SU	pH	5.5–9.0 SU	Ammonia; battery acid; cleaners; degreasers; soaps and detergents; sulfur
TSS	100 mg/L	TSS	100 mg/L	Building and construction material; dust; erosion; pavement wear; vehicle exhaust and parts
Total Oil and Grease	10 mg/L	Total Oil and Grease	10 mg/L	Oil and fuel from equipment and vehicles
BOD	30 mg/L	BOD	N/A	Failing septic systems; soil, leaves, and woody debris
Dieldrin	.00024 mg/L	N/A	N/A	Pesticides

As a tenant of the airport, it falls on you to ensure implementation of good housekeeping and best management practices to stay within the City's monitoring requirements. Should an exceedance occur that is linked to your facility, the City of Salem will conduct a thorough inspection of the area where the exceedance occurred and will inform you in writing if there is something that needs to be addressed.



Monitoring and Inspection Schedule

The City of Salem does onsite inspections at least once a month, or more frequently during heavy-rain events. Outflow and stormwater monitoring is done according to the 1200Z permit requirements as outlined below.

Pollutant Category	Minimum Frequency
Applicable statewide benchmarks in Schedule A.9, and any applicable sector-specific benchmarks in Schedule E	<p>Four times per year</p> <p>Two samples on or before December 31 and two samples on or after January 1</p> <p><i>For example, for the 2017-18 monitoring year, two samples between July 1 and December 31, 2017 and two samples between January 1 and June 30, 2018</i></p>
Impairment pollutants, if applicable	<p>Two times per year</p> <p>One sample on or before December 31 and one sample on or after January 1</p> <p><i>For example, for the 2017-18 monitoring year, one sample between July 1 and December 31, 2017 and one sample between January 1 and June 30, 2018</i></p>

Source: 1200Z Permit, Schedule B #2, Table 5, Page 24



CITY OF *Salem*
AT YOUR SERVICE
Public Works Department

This fact sheet is meant to be a quick guide, and is not comprehensive. For information on all monitoring and inspections conducted by the City of Salem on airport property, contact

503-588-6311 or 1200Z@cityofsalem.net

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