

Bulletin 2025-16

May 5, 2025

Monitoring and Preparing for Overland Flooding

In Alberta, flooding risk increases in May and June due to precipitation and snowmelt but can happen anytime from early spring to late fall. Flooding events can have a serious impact on industrial sites, affecting soils, damaging on-site structures and equipment, and pipeline crossings within watercourses or water bodies. Licensees should have procedures in place for monitoring flood advisories, storm forecasts, runoff, and snowmelt.

We remind licensees of their responsibility to take appropriate precautions to ensure public safety and environmental protection by minimizing potential operational impacts because of flooding hazards.

Licensees should be aware of the potential for site and equipment damage from flooding and be prepared to physically inspect and assess any sites and equipment that have or may potentially be affected. Under [*Directive 071: Emergency Preparedness and Response*](#), duty holders who are required to have an emergency response plan (ERP) must create and maintain one at a level of detail proportionate to its operations. The ERP must also address hazards and potential consequences of the emergency scenarios that its operations pose to the public and the environment.

Please refer to the following information sources:

- [Alberta River Basins](#) for streamflow advisories and water emergency conditions
 - [Alberta Rivers](#) mobile app (Google Play)
 - [Alberta Rivers](#) mobile app (Apple Store)
- [Alberta Weather Conditions and Forecast by Location](#)
- [Alberta Emergency Alert](#)
 - [Alberta Emergency Alert](#) mobile app (Google Play or Apple Store)
- [Flood Hazard Identification Program](#)
- [Flood Awareness Map Application](#)

- [Alberta Flood Services and Information](#)
- [Alberta Emergency Preparedness](#) for information on hazard preparedness

For more information on this bulletin or questions, contact our Customer Contact Centre by phone at 403-297-8311 (1-855-297-8311 toll free) or by email at inquiries@aer.ca.