BC Oil and Gas Commission

Incident Reporting
In British Columbia, oil and gas incidents are managed in accordance with the following legislation and regulations:

1. The Oil and Gas Activities Act

2. The Emergency Management Regulation
   - NOTE: CSA Z246.2 are adopted within the EMR.

3. The Spill Reporting Regulation

The Emergency Management Manual provides additional guidance on all aspects of the EMR and related regulation. Please see https://www.bcogc.ca/node/5767/download
Incident Reporting: Systems and Processes

- What is a reportable incident?
- What are the timelines for reporting?
- What are the differences in incident level?
- Emergency Management BC – Major incident reporting
- Kermit on-line incident reporting
- DGIR’s & Spill Product Information
- Incident Location Data
Incident Reporting: Systems and Processes

Reportable incidents

- Any release of a substance in amounts exceeding the thresholds defined in the Spill Reporting Regulation [see note]
- Any release of a substance into a lake, stream, river or ocean [in any volume]
- Any release of sour product where measurement of 10ppm or greater is found, 1 meter or more from the source.
- Any failure of an emergency or safety related system
- Damage to equipment, with or without release.
- Vandalism or security incident causing damage or interfering with a process control.
- Well incidents including seismic, loss of circulation, pit gains

NOTE: If spilled during loading or unloading from a vehicle (road or rail), federal thresholds may apply.
Incident Reporting: Systems and Processes

Reporting Timelines

- **Minor incidents** – Within 24 hours of discovery
  - Minor incidents are entered by the permit holder online
  - Incidents involving spills must first obtain a DGIR number by calling emergency Management BC (EMBC)

- **Emergency level incidents** – Within one hour of discovery
  - Reported to the Commission through EMBC
  - Initial incident information entered by Commission staff
Incident Reporting: Systems and Processes

Incident Levels

**Minor Incident:** Smaller incidents, confined to lease site or right-of-way, very unlikely to escalate, no health impact to people or environment. No significant impact on operations.

**Level 1 Emergency:** Potential or actual off-lease impact, very small possibility for escalation, some minor impact on operations, control of incident established or imminent. Emergency response is plan activated.

**Level 2 Emergency:** More significant incident, with off-lease impacts and escalation possible. Control of the incident may not be established but is expected in the short term. Emergency response is plan activated.

**Level 3 Emergency:** Most significant incident, with large scale impacts on and off lease, major equipment damage / failure, and potential life and safety impacts. Control and / or containment not likely in the short term. Emergency response is plan activated.
Incident Reporting: Systems and Processes

Determine Incident Level

Minor Incident Score of 1 or 2
- Spill Incident: Call EMBC for DGIR, Report on line
- No product spilled: Report online

Emergency Incident Score of 3 or greater: Call EMBC
- Spill Incident: Get DGIR from EMBC
  - Immediate Call to EMBC
  - Immediate Call to EMBC
- No product spilled: Immediate Call to EMBC

Level 1, 2 or 3 emergency
Incident Reporting: Systems and Processes

KERMIT Incident Reporting System

From the Commission’s website, select “Online Services”
Incident Reporting: Systems and Processes

KERMIT Incident Reporting System

Click on the KERMIT logo, then sign in and enter your incident information.

For detailed guidance on using KERMIT, please see https://www.bcogc.ca/node/11190/download

For information on setting up access to KERMIT, please see documentation at https://www.bcogc.ca/node/8173/download
Incident Reporting: Systems and Processes

Dangerous Goods Incident Report

Sample DGIR form created by Emergency Management BC.

Note the level of incident (Minor) and the risk score (1-2) provided as a range.
Incident Reporting: Systems and Processes

Geographic References

All incidents **MUST** be reported with a **UTM** location.

Pipeline incidents are also entered with NTS or DLS “**To** and **From**” locations, project and segment number, however the precise location of an incident must also be recorded.
Incident Reporting: Systems and Processes

Summary:

- All spills at or exceeding the thresholds noted in the Spill Reporting Regulation must have a Dangerous Goods Incident Report created. EMBC manages this process.

- Minor incidents are reported by the permit holder directly into the KERMIT system. For spills, a DGIR must be attached to the on-line report.

- All incidents must have a UTM location.

- All major incidents (Emergencies) are reported to EMBC. The Commission’s duty emergency officer will follow up with the permit holder to obtain more information.

- Failure to report a spill or other incident is a serious offence.

Questions? Please e-mail us a emp@bcogc.ca