

## **Kaybob Area Incident – September 28, 2018 Update**

Actions taken between June 30, 2018 and September 28, 2018 to remediate the release included:

- **Sampling and Monitoring:**
  - Continued water sampling activities and field screening from selected areas as required
  - Obtained soil samples from fixed soil monitoring points to evaluate the remediation progress.
  - Continued water sampling and monitoring from the extraction locations.
  - Continued groundwater sampling from monitoring wells
  - Completed monthly low risk activity sampling events within the unnamed tributary
  - Conducted electromagnetic survey to monitor changes of apparent conductivity values in the release area
  - Completed summer groundwater sampling event
  - Completed summer sampling event at soil monitoring points within the spill area
  - Completed EM 31 and EM 38 surveys of the spill area
- **Minimal Disturbance Remediation:**
  - Freshwater surface and subsurface flushing of the release area
  - Disposal of recovered leachate
  - Installed drive point wells to increase the effectiveness of soil flushing and recovery
- **Wildlife Monitoring:**
  - Continued monitoring for wildlife sightings
  - Checked and maintained wildlife deterrents
  - Snow fencing around the perimeter was no longer required and was decommissioned
- **Water Control and Containment:**
  - Conducted ongoing inspection of water levels in the creek, trenches and bell holes and maintenance of terrestrial barriers
  - Diverted and pumped freshwater off site as needed
  - Began replacing aqua dams along the southern diversion barrier

Subject to weather conditions, actions planned commencing October, 2018 include:

- Monitor and maintain containment barriers and trenches
- Conduct surface water, groundwater, and soil sampling and field screening from selected areas
- Actively control surface water infiltration to the site
- Continue to monitor for wildlife activity and maintain wildlife deterrents
- Continue to execute the approved remediation action plan for residual impacts