

Kaybob Area Incident – December 21, 2018 Update

Actions taken between September 28, 2018 and December 20, 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
 - Completed monthly low risk activity sampling events within the unnamed tributary
 - Conducted electromagnetic (EM) 31 and (EM) 38 surveys to monitor changes of apparent conductivity values in the release area
 - Completed fall groundwater sampling event
 - Completed fall sampling event at soil monitoring points within 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
- 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
 - Monitored aqua dams along the southern diversion barrier

Subject to weather conditions, actions planned January 2019 through March 2019 include:

- Monitor and maintain containment barriers and trenches
- Continue to monitor for wildlife activity and maintain wildlife deterrents
- Continue to execute the approved remediation action plan for residual impacts