

# IRIS Incident Reporting Enhancement

Ministry of Energy and Resources  
Energy Regulation Division

[saskatchewan.ca](http://saskatchewan.ca)

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# Agenda

- Miscellaneous IRIS Enhancement
- Incident Reporting Updates – Initial and 90 Day Detail
- Incident Management Reporting
- Incident Closure

# Terminology and Status Changes

- Incident Version:
  - Legacy (Pre-IRIS Nov 2015)
  - Legacy 2025 (IRIS Nov 2015 to Jan 21, 2026)
  - Current (Jan 21, 2026 go forward)
- Incident Statuses
  - Open Pending 90 Day Incident Detail
  - Long Term Management
  - Vegetation Establishment
  - Closed
  - Closed-Pending Rec/Rem at Final Abandonment

# Incident Obligations

## Existing:

- 90 day detailed incident information required
- Manual

## New

- **Submit Pipeline Incident Investigation Report**
  - Required on all Pipeline, Licence Flowline or Unlicensed Flowline incidents
  - Due 90 days from the obligation creation date
- **Submit Annual Incident Report**
  - Required for all incidents that are within the Long Term Management status
  - Due 1 year from the obligation creation date
  - Obligations will continue to be added after every fulfillment of the previous until an incident moves out of the Long Term Management status
- **Submit Incident Root Cause Analysis Report**
  - Manually added to incidents by Ministry when required

# Attachment Types

## Standard Attachments





- 90 Day Report
- Legacy Incident
- Misc
- Other Report
- Photo
- Pipeline Investigation Report
- Root Cause Analysis
- Site Sketch

## Incident Management Attachments

- Long-Term Management Report
- Vegetation Establishment Report
- Closure Report

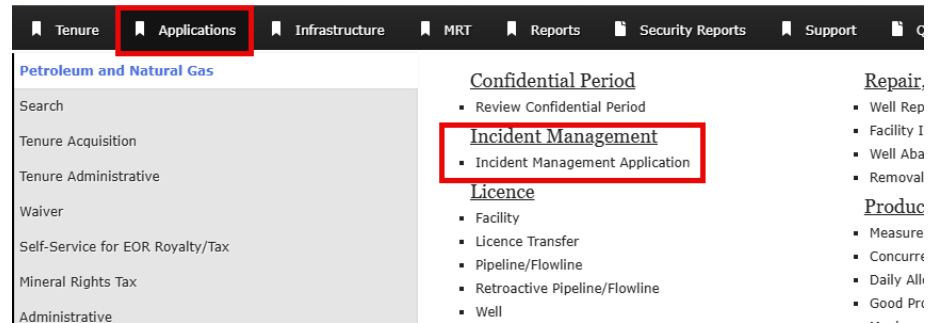
# Incident Search

- Incident search results now displays:
  - Responsible BA
  - Incident Version – Replacing Legacy Incident
  - Source Type – Replacing Source Licence Type

<b>Id</b>	<b>Submission Date</b>	<b>Responsible BA</b>	<b>Status Type</b>	<b>Incident Version</b>	<b>Source Type</b>	<b>Source Licence #</b>	<b>Source Segment Id</b>	<b>Incident Surface Location</b>	<b>Actions</b>
51747	2026-01-09	<a href="#">12948 - CENOVUS ENERGY INC.</a>	Long Term Management	Current	Well	12K249		01-27-051-25W3	
51744	2026-01-08	<a href="#">12948 - CENOVUS ENERGY INC.</a>	Long Term Management	Current	Facility	3541		07-30-049-27W3	
51735	2026-01-07	<a href="#">12948 - CENOVUS ENERGY INC.</a>	Long Term Management	Current	Other			16-35-046-20W3	
51726	2026-01-07	<a href="#">12948 - CENOVUS ENERGY INC.</a>	Long Term Management	Current	Facility	5869		16-01-048-19W3	

# Incident Management Application

- New generic application to facilitate authorization required to leave impacts in place as per Directive PNG014 or for any other application associated with an incident. The authorization is used in the closure process of incidents.
- Requires an incident ID and application document.
- Authorizations can now be associated to an incident.



# General Info – Initial and Detailed

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Initial Incident Next →

**General Info**

**Initial Incident Information**

Reporting Business Associate **12248 - CENOVUS ENERGY INC.** <sup>4</sup>

Ministry of Energy and Resources Field Office \*

Date Occurred  
[yyyy-mm-dd]

Date Found \*  
[yyyy-mm-dd]

Incident Type \*

Emergency Response Plan (ERP) Initiated? \*  Yes  No

Have you called the appropriate ER Field office via the Ministry's Emergency Support Line or contacted the field office directly? \*  Yes  No

**Are you required to contact other impacted stakeholders as per Directive PNG014? \***  Yes  No

Has any Substance been spilled or released? \*  Yes  No

Did this incident result in the release of a reportable concentration of H2S? \*  Yes  No

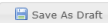
Has there been a public complaint related to H2S regarding this incident? \*  Yes  No

**Is this incident exempt from the 90 day written reporting requirements as per Directive PNG014? \***  Yes  No

[Link to Directive PNG014](#)

**Description**  Do you need to submit a Reclamation Report as per Incident Report Requirements Directive? \*  Yes  No

Please briefly describe Incident \*

 Next →

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# Contact Info – Initial and Detailed

Initial Incident

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Submission Number: 398724

General Info

Contact Info

Surface Info

Substance Info

Source Info

Review and Submit Info

Contact Information \*

Contact Name *	Job Title	Business Phone *	Email Address *	
1				X

Add Contact

Stakeholder Contact Information

Contact Name *	Job Title *	Business Phone *	Email Address	Successful Contact
No Stakeholder Contact Information found				

Add Stakeholder Contact

Previous Delete Draft Save As Draft Next

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Stakeholder Contact Information

Contact Name *	Job Title *	Business Phone *	Email Address	Successful Contact	
1				<input type="checkbox"/>	X

# Surface Info – Initial and Detailed

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Initial Incident

General Info

Contact Info

Surface Info

Substance Info

Source Info

Review and Submit Info

Previous Submission Number: 398724 Next

Surface Information

Surface Location Information

LSD \* SEC \* TWP \* RGE \* Meridian M \* Direction

Coordinates of the Origin of the Incident

Datum  
NAD83 (CSRS)

Latitude (DD) \*  
0° 0' 0.00000" Enter Degree

Longitude (DD) \*  
0° 0' 0.00000" Enter Degree

Was any surface water impacted? \*  Yes  No

Will this incident impact migratory birds? \*  Yes  No

Will this incident impact any other wildlife? \*  Yes  No

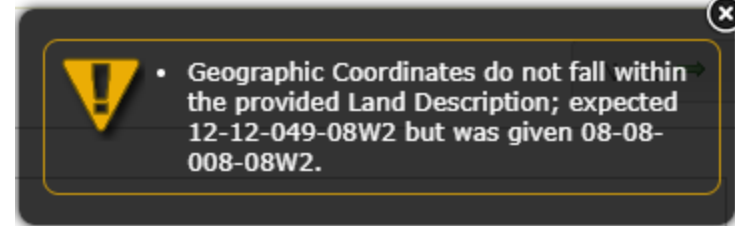
Will this incident impact an environmentally sensitive area? \*  Yes  No

Previous Delete Draft Save As Draft Next

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# Surface Info – Coordinate Validation

- The coordinates entered are now validated against the surface location entered
- Surface Location Information must be the LLD of the origin of the incident, and the coordinate must fall within that LLD.



# Substance Info – Initial and Detailed

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Initial Incident

General Info Contact Info Surface Info **Substance Info** Source Info Review and Submit Info

Previous Submission Number: 398724 Next

Impacted Surface Information

Size of Impacted Area \*  
 m<sup>2</sup>

% Off-Lease \*    % Off-Operating Area \*  
   

% On-Lease    % On-Operating Area  
   

Substance Information \*

Substance *	Spilled / Released Amount (m <sup>3</sup> )	Recovered Amount (m <sup>3</sup> )	Lost Amount (m <sup>3</sup> )	Concentration of H2S (ppm)
1 <input type="text"/>				
Totals		0.000	0.000	0.000

Emulsion must be reported in Oil/Condensate and Produced Water amounts individually.

[Add a spilled substance](#)

Other Materials as part of Recovery

m<sup>3</sup>

Of

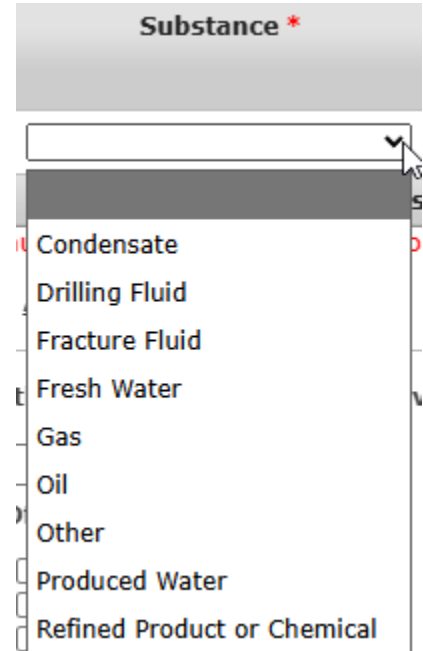
Snow  
 Soil  
 Vegetation  
 Water

Previous Delete Draft Save As Draft Next

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# Substance Info – New Substance Types

- To assist with accuracy of reporting substance types, new options have been added based on Industry's use of the Other source type.
- Natural Gas updated to Gas
- Water updated to Produced and Fresh Water
- New Types: Condensate, Drilling Fluid, Fracture Fluid



# Source Info – Initial and Detailed

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Initial Incident

General Info

Contact Info

Surface Info

Substance Info

Source Info

Review and Submit Info

Previous Submission Number: 398724 Next

Source Information

Source

Well

Well Licence Identifier  Search...

Incident Causes

- Blowout
- Corrosion
- Damage to Equipment
- Extreme Temperatures or Weather
- Fire
- Flare Stack
- Human Error
- Hydraulic Fracturing Wellbore Communication
- Kick
- Mechanical Or Equipment Failure
- Surface Casing Vent
- Tank Failure
- Truck or Transportation
- Other

Previous Delete Draft Save As Draft Next

# Source Info – Causes

- Incident Causes have been enhanced to allow for further detail by adding appropriate sub-causes to each cause type.
- Users are still able to enter multiple causes for an incident, and may enter multiple sub causes from different primary causes.

▼ Mechanical Or Equipment Failure

- Defect
- Fitting
- Gauge
- Improper Installation
- Joint
- Packing Failure
- Stuffing Box
- Valve
- Weld
- Other

# Pipeline and Flowline – Corrective and Preventative Actions

**Corrective and Preventive Actions**

Corrective actions: Actions taken at the incident site to restore pipeline to original conditions and/or eliminate or reduce the risk of hazards that can lead to similar a failure.  
Preventive actions: System or program level actions or changes made to prevent conditions that can lead to failure at similar sites, pipeline systems and/or company wide.  
**NOTE:** For guidance on selecting action categories, please refer to ERs Safety and Loss Management Protocol which provides descriptions and references to requirements within CSA Z662.

**Corrective Actions \***

- Repair
- Replacement
- No actions taken
- Other

Description of Corrective Actions Taken \*

**Preventive Actions \***

- Audits
- Communications and engagement
- Construction and installation
- Design and materials
- Discontinuation and abandonment
- Documents, records and data management
- Emergency preparedness and response
- Engineering assessments
- Incident management
- Management of change
- Management review
- Operational controls
- Operations and maintenance
- Organizational roles and responsibilities
- Performance monitoring
- Policy and leadership commitment
- Procurement and contractor management
- Recommendations and conformance management
- Risk management
- Training and competency
- No actions taken
- Other

Description of Preventive Actions Taken \*

# 90 Day Detail Info

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Detailed Incident

General Info Incident #: 51696, Incident Status: Open Pending 90 Day Incident Detail, Reported On: 2026-01-05, Well Licence #: 50F018

Contact Info

Surface Info

Substance Info

Source Info

90 Day Detail Info

Attachment Info

Review and Submit Info

90 Day Detail Information

Is there any associated remediation/reclamation, root cause analysis or investigation report expected to go beyond 90 days?  Yes  No

What is the status of the incident as of the submission of the 90 day details? \*

Long Term Management  
Vegetation Establishment

Save Next

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When written reporting is required, the new 90 Day Report must be attached before submission

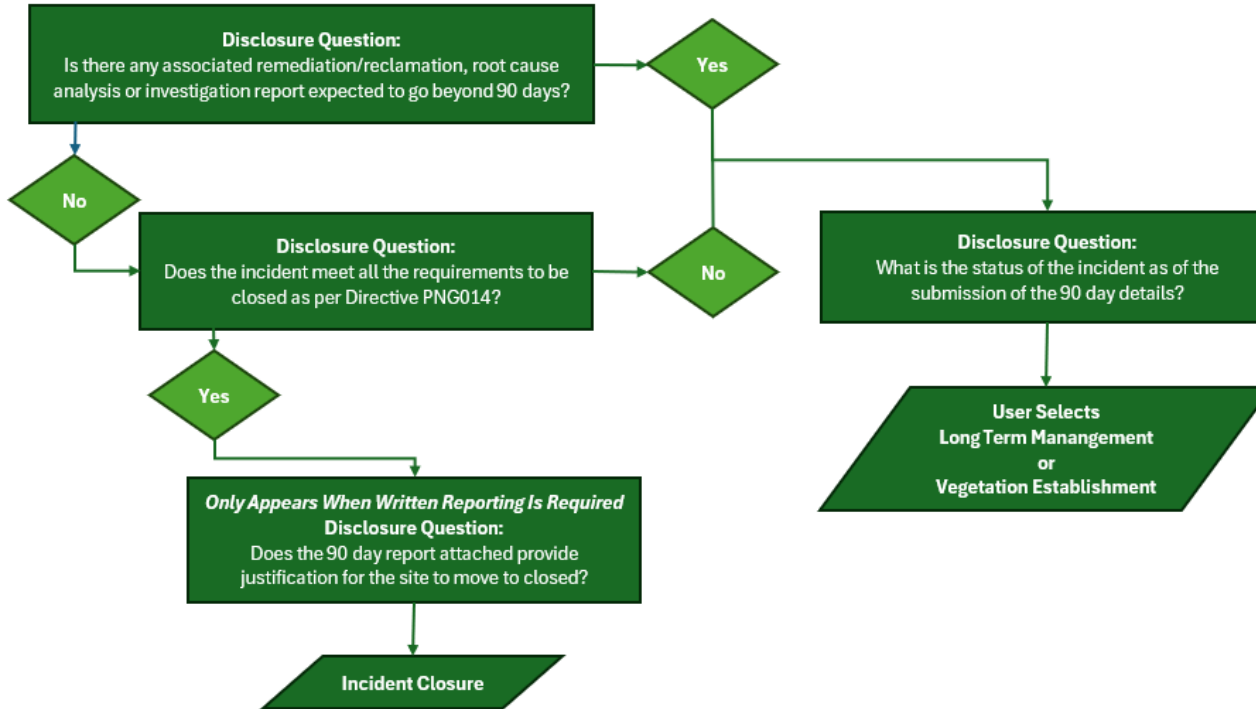
Attachments

Confidential Help

	File *	Document Type *	Is Confidential	Comments	Date *	
1	test.docx	90 Day Report	<input type="checkbox"/>		2026-01-06 11:20:15	X

Add Attachments

# 90 Day Detail Info



# Incident Management

- To enter incident management, users will now select the pencil icon like detailed reporting
- All incident management information is now entered through this new section

## Incident Search

Search Criteria									
Showing 1 results									
Id	Submission Date	Responsible BA	Status Type	Incident Version	Source Type	Source Licence #	Source Segment Id	Incident Surface Location	Actions
51696	2026-01-05	<a href="#">12948 - CENOVUS ENERGY INC.</a>	Long Term Management	Current	Well	50F018		12-12-049-08W2	

# Incident Management

## Long Term Management

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Detailed Incident

General Info

Contact Info

Surface Info

Substance Info

Source Info


90 Day Detail Info

Attachment Info

Incident Management Info

Summary

← Previous **Incident #: 51696, Incident Status: Long Term Management, Reported On: 2026-01-05, Well Licence #: 50F018** Next →

Long Term Management 

Confidential Help

File *	Document Type *	Is Confidential	Comments	Date *
No Attachments				

Does the site require long-term management?  Yes

← Previous

Next →

**Edit Long Term Management Documents**

Long Term Management Documents

Confidential Help

File *	Document Type *	Is Confidential	Comments	Date *
No attachments				

➕ Add Attachments

Has the long-term management of the site been completed? \*  Yes  No

Discard Changes Save

**Long Term Management Documents**

Confidential Help

	File *	Document Type *	Is Confidential	Comments	Date *	
1	test.docx	Long-Term Management Report	<input type="checkbox"/>		2026-01-06 11:53:55	✕

➕ Add Attachments

Has the long-term management of the site been completed? \*  Yes  No

Is there additional vegetation establishment and/or monitoring work required? \*  Yes  No

# Incident Management

## Vegetation Establishment

Tenure Applications Infrastructure MRT Reports Security Reports Support Quick Search Map Viewer Data Import Menu Search

Detailed Incident

General Info Contact Info Surface Info Substance Info Source Info 90 Day Detail Info Attachment Info Incident Management Info Summary


Incident #: 51696, Incident Status: Vegetation Establishment, Reported On: 2026-01-05, Well Licence #: 50F018

Long Term Management

File *	Document Type *	Is Confidential	Comments	Date *
test.docx	Long-Term Management Report	<input type="checkbox"/>		2026-01-06 13:46:38

Does the site require long-term management?  Yes

Long term Management Completed Date

Vegetation Establishment Management 

File *	Document Type *	Is Confidential	Comments	Date *
No Attachments				

Is vegetation establishment and/or monitoring work required?  Yes

Discard Changes Save

Next

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Edit Vegetation Establishment Management Documents

Vegetation Establishment Management Documents

File *	Document Type *	Is Confidential	Comments	Date *
No attachments				

Add Attachments

Has vegetation establishment and/or monitoring been completed? \*  Yes  No

Discard Changes Save

Has vegetation establishment and/or monitoring been completed? \*  Yes  No

Is additional rec/rem work required? Status will be reverted back to long term management. \*  Yes  No

# Incident Closure

Detailed Incident

General Info

Contact Info

Surface Info

Substance Info

Source Info

90 Day Detail Info

Attachment Info

Review and Submit Info

← Previous

**Incident #: 51658, Incident Status: Open Pending 90 Day Incident Detail, Rep**

## 90 Day Detail Information

Is there any associated remediation/reclamation, root cause analysis or investigation report expected to go beyond 90 days? \*  Yes  No

Does the incident meet all the requirements to be closed as per Directive PNG014? \*  Yes  No

Does the 90 day report attached provide justification for the incident to be closed? \*  Yes  No

## Incident Closure

Has all remediation and reclamation for the incident closure been completed (i.e., no impacts remain in place)? \*  Yes  No

← Previous

Incident closure appears at different locations depending on when the incident is closing. All questions remain the same.

## Edit Long Term Management Documents

### Long Term Management Documents

[Confidential Help](#)

File *	Document Type *	Is Confidential	Comments	Date *
No attachments				

+ Add Attachments

Has the long-term management of the site been completed? \*  Yes  No

Is there additional vegetation establishment and/or monitoring work required? \*  Yes  No

### Incident Closure

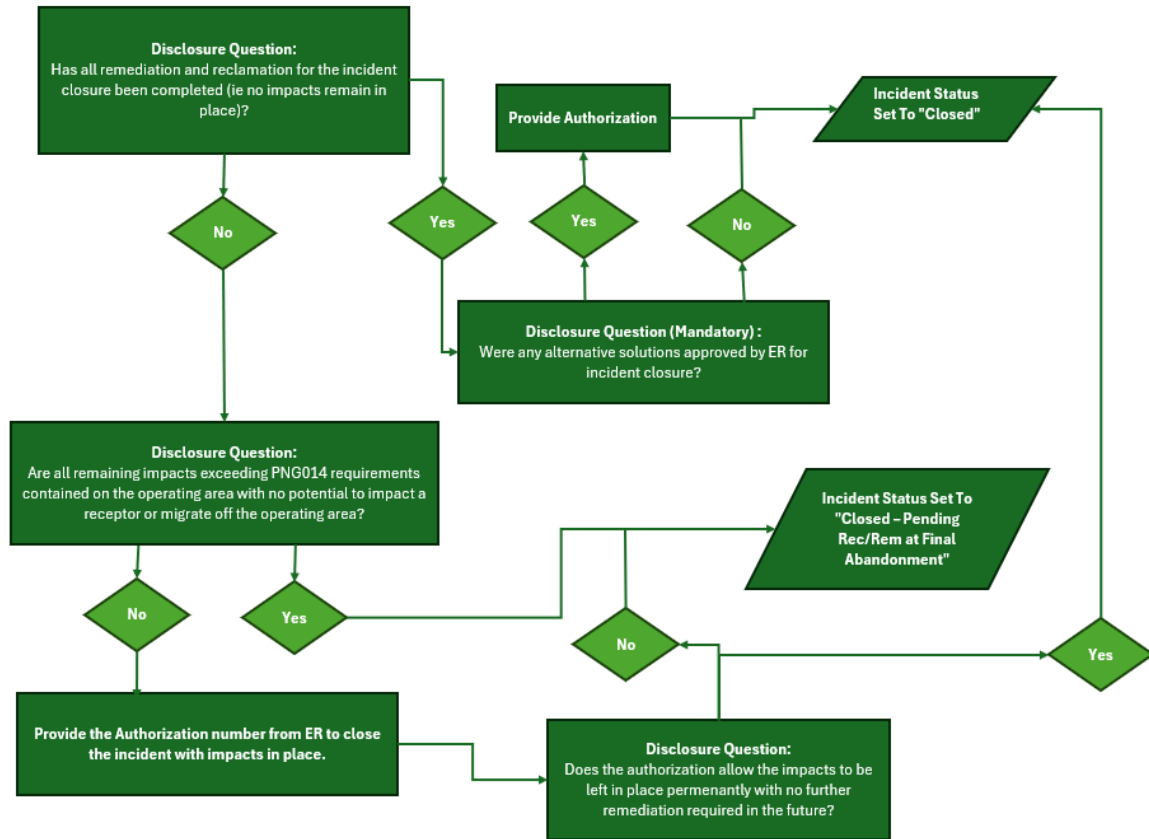
Has all remediation and reclamation for the incident closure been completed (i.e., no impacts remain in place)? \*  Yes  No

Discard Changes

Save

# Incident Closure

- If authorizations were obtained to leave impacts in place, the authorization will be provided through the closure process to close the incident.



# Questions?

Please contact ER Service Desk at [er.servicedesk@gov.sk.ca](mailto:er.servicedesk@gov.sk.ca)