



**Canadian Natural**

CANADIAN NATURAL RESOURCES LIMITED

## HELMET FIELD

### SUPPLEMENTAL EMERGENCY RESPONSE PLAN *to Corporate (Core) Emergency Response Plan*

#### DISCLAIMER:

In accordance with federal guidelines, portions of this Emergency Response Plan have been redacted as per the following:

- Canada Energy Regulator Order AO-001-MO-006-2016 s. 1.a.i.:  
*personal information*
- Canada Energy Regulator Order AO-001-MO-006-2016, s. 1.a.ii.:  
*facility / pipeline technical data, disclosure of which would risk security*

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**March 31, 2025**

**Canadian Natural Resources Limited**  
**24 Hour Emergency Number**

**1-888-878-3700**



# EMERGENCY RESPONSE PLAN

## HELMET FIELD

Revision 0-0 | April 3, 2025

24-Hour Emergency 1-888-878-3700

### AMENDMENT RECORD

Date (YYYY/MM/DD) ERP Planner	Rev	Revision Details	Annual Update (Y / N)	Date inserted in ERP (YYYY/MM/DD)	Inserted / Replaced by (Name & Signature)
2025/04/03 [Redacted]	0-0	<p><b>ERP Restructure:</b></p> <ul style="list-style-type: none"> <li>• New ERP to merge four Site Specific ERPs due to common resources under same Foreman.</li> <li>• This ERP includes the following existing assets: <ul style="list-style-type: none"> <li>- Adsett</li> <li>- Helmet / Horn River / Elleh</li> <li>- Jedney / Buckinghorse / Bubbles</li> <li>- Shekilie / Pesh Creek</li> </ul> </li> <li>• All assets and contact information updated and combined where applicable</li> <li>• Maps revised to reflect changes</li> </ul>	Y		

### MANAGEMENT OF CHANGE PROTOCOL

Annual updates are indicated by a full, consecutive 'revision' number before the dash (e.g. 7-0) while other revisions (non-annual update) will trigger a consecutive number change after the dash (e.g. 7-1).

Notification of errors and / or suggestions for improvement will be reviewed, addressed according to significance and considered for the next update by the EM Team. These notifications should include a) the ERP name, b) section(s) and page number(s) affected and c) the rationale for change and directed to:

#### CANADIAN NATURAL RESOURCES LIMITED

Email: [Redacted]

*Canadian Natural is committed to the continuous improvement of its documentation. For full details on Canadian Natural's Management of Change protocols, refer to Section 7 of the Corporate (Core) Emergency Response Plan.*

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The Helmet Field is Supplemental to Canadian Natural’s Corporate (Core) Emergency Response Plan and covers the following:

AREA NAME	LOCATION	DESCRIPTION	REGULATOR ERP ID
Pesh Creek		CER regulated pipeline	
Shekillie		CER regulated pipeline (Shut-In/suspended)	

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### ALL HAZARDS IDENTIFICATION TABLE

*Completed By: Area Field Operations & Emergency Management Tech*

POTENTIAL HAZARD	HAZARD IMPACTS:				RANK HAZARD IMPACT <i>(Low / Med / High)</i>	MITIGATION MEASURES AVAILABLE	
	PUBLIC	ENVIRONMENT		COMPANY ASSETS		<i>Fundamental Reference Materials as utilized in these management systems: • Emergency Management • Integrity • Security • Environmental Protection • Damage Prevention</i>	
		LAND USE AREAS	WILDLIFE / LIVESTOCK			Additional mitigations listed below, specific to potential hazard	
<input checked="" type="checkbox"/> Hydrogen Sulphide (H <sub>2</sub> S) Release	YES	YES	YES	YES	LOW	<b>CONTROLS / EQUIPMENT / RESOURCES</b> <input checked="" type="checkbox"/> Personal Gas Monitor <input checked="" type="checkbox"/> Portable Gas Detector <input checked="" type="checkbox"/> SCBA <input type="checkbox"/> SABA <input checked="" type="checkbox"/> ESD Procedures <input checked="" type="checkbox"/> Emergency Planning Zone(s) <input checked="" type="checkbox"/> Ignition Resources – Equipment (third party ignition) <input checked="" type="checkbox"/> Ignition Resources – Service Provider <input checked="" type="checkbox"/> Roadblock Kit(s) <input checked="" type="checkbox"/> Communication Plans – Public / Media <input type="checkbox"/> SCADA ESD <input type="checkbox"/> Other:	
<input type="checkbox"/> High Vapour Pressure (HVP) Pipeline Release  <i>(pipelines that convey hydrocarbon mixtures in the liquid or quasi-liquid state with a vapour pressure of greater than 110 kPa absolute at 38°C)</i>	n/a	n/a	n/a	n/a	n/a	<input type="checkbox"/> SCADA ESD <input type="checkbox"/> Evacuation Procedures <input type="checkbox"/> Roadblock Kit(s) <input type="checkbox"/> Communication Plans – Public / Media <input type="checkbox"/> Emergency Response Plan <input type="checkbox"/> ESD Procedures <input type="checkbox"/> Emergency Planning Zone(s) <input type="checkbox"/> Ignition Resources – Equipment <input type="checkbox"/> Ignition Resources – Service Provider <input type="checkbox"/> Fire Extinguishers <input type="checkbox"/> Firefighting Equipment – e.g. shovels, axes, picks, water packs <input type="checkbox"/> Other:	



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POTENTIAL HAZARD	HAZARD IMPACTS:				RANK HAZARD IMPACT <i>Low / Med / High</i>	MITIGATION MEASURES AVAILABLE	
	PUBLIC	ENVIRONMENT		COMPANY ASSETS		<i>Fundamental Reference Materials as utilized in these management systems: • Emergency Management • Integrity • Security • Environmental Protection • Damage Prevention</i>	
		LAND USE AREAS	WILDLIFE / LIVESTOCK			Additional mitigations listed below, specific to potential hazard	
<b>CONTROLS / EQUIPMENT / RESOURCES</b>							
<input type="checkbox"/> Large Chemical Storage Hazards (CEPA – E2)  <input type="checkbox"/> (large active storage vessels for NGLs, LPGs, LNGs, condensate, crude oil, hydrochloric acid, pentanes, etc.)	n/a	n/a	n/a	n/a	n/a	<div style="background-color: #f2f2f2; text-align: center; padding: 2px;"><b>ACTIVE MITIGATIONS</b></div> <input type="checkbox"/> Firefighting Equipment – e.g. shovels, axes, picks, water packs <input type="checkbox"/> Fire Extinguishers <input type="checkbox"/> Industrial Firefighters <input type="checkbox"/> Roadblock Kit(s) <input type="checkbox"/> Communication Plans – Public / Media <input type="checkbox"/> Ignition Resources – Equipment <input type="checkbox"/> Ignition Resources – Service Provider <input type="checkbox"/> Evacuation Zone <input type="checkbox"/> Evacuation Procedures <input type="checkbox"/> ESD (Automatic Valves) Procedures <input type="checkbox"/> SCADA ESD <div style="background-color: #f2f2f2; text-align: center; padding: 2px;"><b>PASSIVE MITIGATIONS</b></div> <input type="checkbox"/> Secondary Containment – e.g. earth berms, dikes <input type="checkbox"/> Separator / Surface Water Collection System <input type="checkbox"/> Vessel Protection Systems – e.g. PSVs, high level alarm	
<input checked="" type="checkbox"/> Petroleum Release / Spill  <input checked="" type="checkbox"/> (on land or in water, includes all types of petroleum spills, gas releases, flammable vapours releases)	NO	YES	YES	YES	LOW	<input checked="" type="checkbox"/> SCADA ESD <input checked="" type="checkbox"/> CiNQ – Environment Conventional – Thermal Intranet Site: <i>spill reporting procedures / docs</i> <input checked="" type="checkbox"/> TDG / LPG Emergency Responsibilities (Guideline 10, Corporate ERP) <input checked="" type="checkbox"/> WCSS / Other Spill Cooperative Manual <input checked="" type="checkbox"/> WCSS / Other Water Control Point Location(s) <input type="checkbox"/> Boom(s) <input checked="" type="checkbox"/> Absorbent Material <input checked="" type="checkbox"/> Roadblock Kit(s) <input checked="" type="checkbox"/> Proper PPE <input checked="" type="checkbox"/> Communication Plans – Public / Media <input type="checkbox"/> Other:	





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	PUBLIC	ENVIRONMENT		COMPANY ASSETS		Fundamental Reference Materials as utilized in these management systems: • Emergency Management • Integrity • Security • Environmental Protection • Damage Prevention	
		LAND USE AREAS	WILDLIFE / LIVESTOCK			Additional mitigations listed below, specific to potential hazard	
							CONTROLS / EQUIPMENT / RESOURCES
<input checked="" type="checkbox"/> Asset Fire	YES	YES	YES	YES	LOW	<input checked="" type="checkbox"/> Firefighting Equipment – e.g. shovels, axes, picks, water packs <input checked="" type="checkbox"/> Fire Extinguishers <input checked="" type="checkbox"/> Fire Detection System (facilities) <input checked="" type="checkbox"/> Roadblock Kit(s) <input checked="" type="checkbox"/> Communication Plans – Public / Media <input checked="" type="checkbox"/> Evacuation Procedures <input checked="" type="checkbox"/> ESD Procedures <input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> Wildfire <i>(can include grassfires, forest fires)</i>	n/a <small>(municipal / provincial jurisdiction)</small>	n/a <small>(municipal / provincial jurisdiction)</small>	n/a <small>(municipal / provincial jurisdiction)</small>	YES	HIGH <small>(SMS Procedure 22.06 )</small>	<input checked="" type="checkbox"/> ESD Procedures <input checked="" type="checkbox"/> Firefighting Equipment – e.g. shovels, axes, picks, water packs <input checked="" type="checkbox"/> Fire Extinguishers <input checked="" type="checkbox"/> Site Specific Wildfire Plans <input checked="" type="checkbox"/> Evacuation Procedures <input checked="" type="checkbox"/> Transportation Available <input checked="" type="checkbox"/> Provincial Wildfire Reporting Contact Numbers	
<input checked="" type="checkbox"/> On-Site Chemicals / Fuels	n/a <small>(hazards contained within lease boundaries)</small>	n/a <small>(hazards contained within lease boundaries)</small>	n/a <small>(hazards contained within lease boundaries)</small>	YES	LOW	<input checked="" type="checkbox"/> Spill Reporting Procedures <input checked="" type="checkbox"/> SDS Inventory – accessible via online database <input checked="" type="checkbox"/> Fire Extinguishers <input checked="" type="checkbox"/> Absorbent Materials <input checked="" type="checkbox"/> Proper Storage <input checked="" type="checkbox"/> Proper PPE <input checked="" type="checkbox"/> SMS COP: <i>Chemical Management and WHMIS 2015</i>	
<input checked="" type="checkbox"/> Company Facility Isolation <i>(if access roads closed)</i>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	YES	LOW	<input checked="" type="checkbox"/> Shelter / Evacuation Procedures <input type="checkbox"/> Other Transportation Available – e.g. snowmobile, ATV, helicopter, boat, etc. <input checked="" type="checkbox"/> Area Work Alone Procedures <input checked="" type="checkbox"/> Communication Plans <input checked="" type="checkbox"/> Other:	



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	PUBLIC	ENVIRONMENT		COMPANY ASSETS		Fundamental Reference Materials as utilized in these management systems: • Emergency Management • Integrity • Security • Environmental Protection • Damage Prevention	
		LAND USE	WILDLIFE / LIVESTOCK			Additional mitigations listed below, specific to potential hazard	
						CONTROLS / EQUIPMENT / RESOURCES	
<input checked="" type="checkbox"/> Communications Failure	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	YES	LOW	<input checked="" type="checkbox"/> Landlines	<input checked="" type="checkbox"/> Cell phones
						<input checked="" type="checkbox"/> 2-Way Radios	<input checked="" type="checkbox"/> 2-Way Radios – Service Provider
						<input checked="" type="checkbox"/> Internal Communication / Notification System	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Power Outages	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	YES	LOW	<input type="checkbox"/> Back-up generator(s)	<input checked="" type="checkbox"/> Communication systems
						<input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> Severe Weather / Natural Disasters <i>(includes severe storms, blizzards, tornadoes, earthquakes, floods, landslides)</i>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	YES	LOW	<input checked="" type="checkbox"/> Communication Advisory	<input checked="" type="checkbox"/> ESD Procedures
						<input checked="" type="checkbox"/> Area Working Alone Procedures	<input checked="" type="checkbox"/> Shelter / Evacuation Procedures
						<input type="checkbox"/> Pumps	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Pandemic <i>(reduced workforce)</i>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	YES	LOW	<input checked="" type="checkbox"/> Back-Up Resources for Continued Operations	<input checked="" type="checkbox"/> Internal Communication / Notification System
						<input checked="" type="checkbox"/> Canadian Natural Pandemic Protocols – <i>Human Resources</i>	
<input checked="" type="checkbox"/> Security Threats <i>(theft / vandalism / violence / terrorism)</i>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	n/a <small>(not EPZ related)</small>	YES	LOW	<input checked="" type="checkbox"/> Internal Communication / Notification System	<input checked="" type="checkbox"/> Roadblock Kits
						<input checked="" type="checkbox"/> Communication Plans – Public / Media	<input checked="" type="checkbox"/> Evacuation Procedures
						<input checked="" type="checkbox"/> Information Systems: <i>Disaster Recovery Principles</i>	
<input type="checkbox"/> Other						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

### 1 SITE-SPECIFIC DISTRIBUTION LIST

#### 1.1 INTERNAL COPIES

COPY	RECIPIENT	POSITION	LOCATION	*CONFIDENTIAL INFORMATION INCLUDED (✓)
1		Foreman	Fort Nelson	✓
2		Assistant Foreman	Helmet Office	✓
3		Facility		
4		Facility		
5		Facility		
6		Area Superintendent	FSJ Office	✓
7		Manager, Fort St. John Field Operations	Calgary Office	
Electronic (CiNQ)		Safety & Compliance Coordinator	Fort St. John Office	
8		Surface Landman	Fort St. John Office	✓
9		Surface Landman	Fort St. John Office	✓
10	Calgary Emergency Operations Centre (EOC)	Calgary Emergency Operations Centre (EOC)	Calgary Office	✓
*(x2)	ERP Map(s) for Roadblock Kits			
*(x2)				
*				
*				
*				
*				

\* As per the Personal Information Protection and Electronic Documents Act (PIPEDA), confidential information must be kept in a securely locked location



# EMERGENCY RESPONSE PLAN HELMET FIELD

## 1.2 EXTERNAL COPIES

COPY #	RECIPIENT	ORGANIZATION	LOCATION
11	CER – Hard Copy	Canada Energy Regulator	517 – 10 <sup>th</sup> Avenue SW Calgary, AB T2R 0A8
Flashdrive	CER – Electronic Copy		
12	Emergency Response and Safety Inspector	British Columbia Energy Regulator	<b>COURIER:</b> 6534-100 <sup>th</sup> Avenue Fort St. John BC V1J 8C5
eSubmission	British Columbia Energy Regulator	British Columbia Energy Regulator	[REDACTED]
Email	Fire Services Assistant	Northern Rockies Regional Municipality	[REDACTED]
Email	Protective Services Manager	Peace River Regional District	[REDACTED]
Email	Chief Administrative Officer/DEM	Mackenzie County	[REDACTED]
Email	Director, Environmental Public Health	Alberta Health Services - North Zone	[REDACTED]

Flashdrive	Electronic copy on flashdrive
eSubmission	Electronic copy submitted via British Columbia Energy Regulator's online submission portal
Email	Electronic copy provided by email

### CONFIDENTIALITY DISCLAIMER

Site-specific ERPs are forwarded electronically if specifically requested in writing by an external party and will exclude confidential information. An electronic version of the Corporate ERP, excluding confidential information, can be found here: <https://www.cnrl.com/sustainability/workplace-process-safety/emergency-management>

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The following stakeholders who are impacted by an Emergency Planning Zone have been offered an information package as part of the consultation process if applicable:

- Local Indigenous Nations
- Residents / Businesses
- Public Facilities
- Local Airport Operators
- Registered Trappers / Guide Outfitters
- Grazing Lease Holders
- Grazing Reserves
- Forestry Management Areas
- Rights Holders

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## 2 GENERAL INFORMATION

### 2.1 INTRODUCTION AND SUMMARY

#### 2.1.1 FACILITY - GENERAL INFORMATION LOCATION

FACILITY LOCATION		
PHONE NUMBERS	NUMBER	DESCRIPTION
		Control Room

DISTRICT OFFICE LOCATION	Fort St. John	
PHONE NUMBERS	NUMBER	DESCRIPTION
		Office
		Fax
		On-Call Phone

#### 2.1.2 INCIDENT COMMAND POST (ICP) / EMERGENCY OPERATIONS CENTRE (EOC)

OFFICE LOCATION	Fort St. John District Office	
STREET ADDRESS	6744 100 Avenue Fort St. John BC V1J 4H9	
MAILING ADDRESS	Bag 6450 6744 100 Avenue Fort St. John BC V1J 4H9	
PHONE NUMBERS		Business
		Fax
		On-Call Phone

#### 2.1.3 SAFE LOCATIONS

On-Site Safe Location (Muster Area):	Upwind side of incident
Off-Site Safe Location (Staging Area):	To be determined at time of incident



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### 2.1.4 GENERAL LAND USE AND POPULATION DENSITY

<b>Local Municipality</b>	<div style="background-color: #cccccc; width: 100px; height: 15px; margin-bottom: 5px;"></div> (BC) <div style="background-color: #cccccc; width: 100px; height: 15px; margin-bottom: 5px;"></div> (AB)
<b>Area Land Use</b>	Oil & Gas Operations, Grazing, Hunting, Trapping and ranching

POPULATION DENSITY (WITHIN EPZ)		
NUMBER	TYPE	DESCRIPTION
0	Residences	N/A, see Section 4
0	Businesses / Organizations	N/A, see Section 4
0	Public Facilities / Recreational Areas	N/A, see Section 4
16	Trappers / Guide Outfitters	See Section 4
1	Grazing Leases / Reserves	See Section 4
1	Forest Management Areas	See Section 4
4	First Nations	See Section 4
17	Lakes / Rivers	<div style="background-color: #cccccc; width: 100px; height: 15px;"></div>
2	Public Highways	<div style="background-color: #cccccc; width: 100px; height: 15px;"></div>
2	Other (Railway, logging, etc.)	See Section 4 Special Considerations: - <div style="background-color: #cccccc; width: 100px; height: 15px;"></div> - Additional Personnel (if needed)

### 2.1.5 EMERGENCY & ROADBLOCK EQUIPMENT

#### 2.1.5.1 Emergency Equipment

TYPE	QUANTITY	LOCATION / NOTES
Burn Kit	3	[REDACTED]
Eye Wash Station – 1 litre bottle	3	[REDACTED]
Eye Wash Station – 15 min flow	1	[REDACTED]
First Aid Kit	2	All personnel carry one
First Aid Room	2	[REDACTED]
First Aid Station	3	[REDACTED]
Fire Blanket		
Firefighting Hand Tools ( <i>e.g. shovels, axes, picks, hand pump water packs, etc</i> ) - <b>minimum requirements in place for different provinces</b> (see Corp ERP, Section 2.2.4)	1	Each Operator's truck
Handheld Fire Extinguisher	3	[REDACTED]
Ignition Equipment		If required included in roadblock kit.
Personal Gas Monitor		All personnel carry one
Portable Gas Detector		All personnel carry one
Portable Spill Response Kit	0	
Self-Contained Breathing Apparatus (SCBA)	1	Located at [REDACTED]
Spill Response Trailer		<b>Nearest Canadian Natural trailer(s):</b> - 40 Ft Spill Response Seacan - 16 Ft Emergency Spill Trailer @ [REDACTED]
Supplied Air Breathing Apparatus (SABA)	0	



### 2.1.5.2 Roadblock (EPZ Isolation) Equipment

Roadblock locations will be determined at the time of an incident. Contents may be replaced with similar devices / equipment or may have additional items.

Refer to Corporate (Core) Emergency Response Plan – Public Protection Measures for isolation procedures.

ROADBLOCK KIT CONTENTS	QUANTITY	LOCATION
3 triangular flare / reflector kits 1 traffic vest (mesh with reflective striping) 1 Stop / Slow paddle 3 traffic cones 1 30-minute flare with spike 1 flare gun with flares 1 6-volt flashlight with spare battery 1 12-volt spotlight 1 roll of Caution tape 1 windsock and stand - clipboard, pencils, paper - ERP map(s)	8	2 Roadblock Kits stored at: _____ Base Camp  2 Roadblock Kits stored at _____  1 Roadblock Kit stored at _____  1 Roadblock Kit stored at _____  1 Roadblock Kit stored at _____  1 Roadblock Kit stored at _____

### 2.1.6 EXTERNAL EMERGENCY RESPONSE PLANS / MUTUAL AID

Canadian Natural maintains emergency response support / mutual aid understandings with local authorities impacted by this ERP and information from these understandings are included in the sections below. These understandings are maintained by annual consultations; consultation forms are filed separately with the Emergency Management group and are not included in this plan. Consultation forms are used to:

- Collect contact information for emergency notification and updating purposes
- Inform government / agency / emergency responder of Canadian Natural practices and procedure to be followed
- Make available relevant information consistent with that which is specified in our Emergency Response Plan (ERP) to the government / agency / emergency responder
- Clarify roles, responsibilities and capabilities of both parties, including support and / or additional aid from agency
- Inform the government / agency / emergency responder of the potential hazards of Canadian Natural facilities
- Inform government / agency / emergency responder of Canadian Natural's risk controls and mitigation activities
- Collect the authorization signature of the relevant agency representative

#### 2.1.6.1 External Emergency Response Plans - Local Municipalities

##### 2.1.6.1.1 Peace River Regional District - BC

The Peace River Regional District (PRRD) will be notified at any time an emergency occurs that involves the evacuation of residents. It is essential that Canadian Natural's Incident Commander or designate maintain communication with PRRD's Protective Services Manager to ensure that responses are coordinated.

The PRRD has a formal Emergency Management Plan, which outlines the measures and sources of assistance that can be obtained to support emergency response efforts, within their jurisdictional boundaries. Upon request from the BC Energy Regulator (BCER), the Regional District may address emergency response capabilities, expectations and preparedness. If required or requested, the Regional District may activate their emergency plan in order to achieve any of the following:

- Work with the BCER's Emergency Operation Centre (EOC) if established
  - With remote support as a cooperating agency through the BCER Liaison Officer and/or,
  - In the BCER operations section as an assisting agency
- Provide support and assistance to ensure notifications of endangered area residents
  - Mass Alerting
  - Notifications
- Provide support to coordinate the delivery of Emergency Support Services (ESS) to evacuated or effected residents
- If necessary, declaration of a State of Local Emergency to enact legislative powers including but not limited to:
  - Issuance of Evacuation Alerts, Orders and Rescinds (persons, livestock, and animals)
  - Acquire or use any land or personal property considered necessary to prevent, respond or alleviate the effects of an event (following BCEMS Model); and
  - Control or Prohibit Travel in the region for safety
- Assist in a public information service (joint, BCER, Industry and local government)
- Assist with the provision of building re-entry procedures jointly with utility providers, industry, Northern Health, and Technical Safety BC.

#### Emergency Services / Equipment:

**Fire Services** – The PRRD provides enhanced 9-1-1 Emergency Services to all municipalities and electoral areas of the Regional District. The 9-1-1 Emergency Services also includes fire / rescue radio dispatch for eleven fire departments throughout the region; the fire dispatch center is located on Vancouver Island

**Road Maintenance** – All Road maintenance in the PRRD is the responsibility of the Ministry of Transportation and Infrastructure (MOTI) North and South Peace District.

**Personnel** – PRRD Facilities crews are available only to assist with PRRD -owned solid waste sites as well as water and Sewer systems

**Equipment** – None

### Local Law Enforcement

**County Enforcement Services** - All Police Services in the PRRD are under the responsibility of the local RCMP detachments, and available via 911

**Community Peace Officers / Bylaw Officers:** None

### 2.1.6.1.2 Northern Rockies Regional Municipality – BC

- In the event of a major emergency in the Northern Rockies Regional Municipality, the Emergency Response Plan (ERP) and the Emergency Operations Centre (EOC) will be activated.
- The EOC will be established in order to facilitate and manage coordinated response and recovery operations and to support emergency response personnel in the field.
- It is the EOC where coordination and decisions are facilitated and where all official communications regarding the emergency will originate.

### 2.1.6.1.3 Mackenzie County - AB

- During an emergency, Mackenzie County will open its own Emergency Operations Centre (EOC) if deemed necessary. The County will be responsible for any state of local emergency declaration if required. Mackenzie County will send a representative to the impacted area if needed.

### Emergency Services / Equipment:

**Fire Services:** There are three volunteer Fire Departments in Mackenzie County. They are located in La Crete (includes Tompkins area), Fort Vermilion and Zama City. The rural area of High Level is served under an inter-municipal agreement with the Town of High Level.

### Local RCMP Detachments

The local RCMP detachments of Northern Rockies (BC) and Chateh (AB)

- May assist with initial area isolation, evacuation and / or assistance with closure of roads
- Provides security, traffic and crowd control
- May assist in search and rescue activities
- Maintains law and order

### 2.1.6 EXTERNAL EMERGENCY RESPONSE PLANS / MUTUAL AID (CONTINUED)

#### 2.1.6.2 External Emergency Response Plans: Local Health Services

##### 2.1.6.2.1 Alberta Health Services

#### ENVIRONMENTAL PUBLIC HEALTH ROLES AND RESPONSIBILITIES

Alberta Health Services (AHS) – Environmental Public Health (EPH) roles and responsibilities in public health emergency preparedness and response to the oil and gas industry are outlined below. The provision of services during an emergency depends upon our assessment of legislative responsibilities, impact to services and business continuity.

#### EPH will endeavor to:

- Participate with the Licensee in the development of their Emergency Response Plans as it relates to the Environmental Public Health Program's role and responsibility.
- Provide the AHS Zone Single-Point-of-Contact (SPOC) emergency phone number to enable the Licensee to notify and alert the Zone of an emergency. From the initial notification or alert, AHS emergency response will fan out to and coordinate with other AHS programs and facilities as necessary. 9-1-1 EMS services remain independent of the Zone SPOC notification / alert process.
- Participate with stakeholders in preparedness training and exercises associated with a Licensee's simulated activation of an Emergency Response Plan in which EPH has a role and responsibility.
- Participate in public information sessions during the Licensee's Emergency Response Plan development process when appropriate and as resources allow.
- Provide guidance to stakeholders and local municipal authorities in identifying sites suitable for establishing and operating an evacuation Centre and / or Reception Centre, including operational requirements.
- Provide guidance to stakeholders on substances that may affect public health in consultation with the Zone Medical Officer of Health (MOH), including Alberta Health Acute Exposure Health Effects for Hydrogen Sulphide and Sulphur Dioxide.
- Conduct assessments, inspections and give regulatory direction, when appropriate, to ensure the requirements of provincial legislation and EPH program areas of responsibilities for public health protection and disease prevention are maintained.
- Notify the Zone Medical Officer of Health of any incident affecting or potentially affecting other AHS programs or facilities. The Zone MOH will notify and coordinate emergency response in other program areas and facilities as necessary.
- Establish EPH emergency management operations, when appropriate, to support regional response efforts and liaise with the Government Emergency Operations Centre, Municipal Emergency Operations Centre and / or Industry Emergency Operations Centre, if needed.
- Assist the Zone Medical Officer of Health, local municipal authority and Public Information / Communication Officers in the development, issuance and rescinding of public health, public evacuation and shelter-in-place advisories.
- Provide guidance to stakeholders on matters relating to evacuation of the public and / or public facilities and the re-occupancy of those evacuated areas or facilities.
- Record and respond to health complaints or concerns from the public during and following an incident.
- Participate in stakeholder debriefings as necessary.

### 2.1.6 EXTERNAL EMERGENCY RESPONSE PLANS / MUTUAL AID (CONTINUED)

#### 2.1.6.2 External Emergency Response Plans: Local Health Services (continued)

##### 2.1.6.2.2 HEMBC / Northern Health (NH)

###### Health Emergency Management BC, North (HEMBC)

HEMBC is a program under the Provincial Health Services Authority (PHSA). HEMBC provides the expertise, education, tools, and support specifically for the BC Health Sector to effectively mitigate, prepare for, respond to, and recover from the impacts of emergency events; ensuring the continuity of health services. There is a HEMBC team in each BC health authority. HEMBC-North deals specifically with Northern Health.

###### **Roles and responsibilities:**

- Maintain a 24-hour emergency/on call contact number for notification and activation of the health system in Northern BC
- Notify/activate the appropriate Northern Health programs (i.e. Public Health, Acute Care, etc.) based on the nature of the incident/emergency event

###### **Northern Health (NH)**

Northern Health is the regional health authority responsible for providing health services to 300,000 people over an area of 600,000 square kilometers in the province of British Columbia. Services include:

- Acute (hospital) Care
- Public Health (Protection, Preventive and Population Health services)
- Mental Health and Addictions
- Home and Community Care

In the event of a major emergency/disaster, Northern Health will provide health care services within its capacity, and will activate its emergency response management plan(s).

###### **Roles & Responsibilities - PREPAREDNESS (PRE-EVENT):**

- Participate with industry, local authority and other partners in the development of their Emergency Response Plans as it relates to health authority roles and responsibilities;
- Participate in stakeholder training and exercises associated with activation of an Emergency Response Plan, in which Northern Health or HEMBC have a role and responsibility (as resources allow);

###### **Roles & Responsibilities - RESPONSE:**

- Activate internal health emergency management plans related to ongoing provision of services (listed above);
- Provide acute care and emergency services at existing Northern Health hospitals/health centres;
- Work with BC Emergency Health Services (Ambulance) and the BC Patient Transfer Network to transport patients to the appropriate levels of care;
- Apply and enforce the Public Health Act, and associated regulations;
- Provide advice/information to the stakeholders on the existing or potential public health effects of an incident (including drinking water safety, air quality, environmental contaminants, communicable disease prevention, re-occupancy of evacuated areas, etc.);
- Provide advice/information on the best methods for monitoring health effects from an incident;
- Assist in development of (joint) messaging for public information on emergency incidents;
- Provide guidance to stakeholders and local authorities on public health considerations in operating reception and evacuation centres, and group lodging facilities



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### 2.1.6.3 Mutual Aid Agreements

Canadian Natural does not currently participate in any formal mutual aid agreements for this ERP; however, reciprocal emergency response assistance on a service level to other industrial operators may be possible in the event of an emergency, depending on equipment / personnel resources and availability.

### 2.1.6.4 Mutual Aid Understandings

#### 2.1.6.4.1 Canadian Natural Operated Third Party Assets

In an emergency involving another licensee whose assets are operated by Canadian Natural as listed below, Canadian Natural would provide First Responder and other actions as needed to implement a safe and efficient emergency response, with an immediate notification to these well or pipeline licensees to activate their ERP / participate in a joint response.

THIRD PARTY LICENSEE	ERP NAME	24 HR EMERGENCY #
Canadian Natural does not contract operate any third party assets in this area		

#### 2.1.6.4.2 Third Party Operated Canadian Natural Assets

In an emergency involving Canadian Natural assets that are operated by third parties listed below, third party operations would provide First Responder and other actions as needed to implement a safe and efficient emergency response, with an immediate notification to Canadian Natural.

THIRD PARTY OPERATOR	ERP NAME	24 HR EMERGENCY #
Canadian Natural does not have any third party operated assets in this area		

#### 2.1.6.4.3 Non-Operated Third Party Tie In Assets

Where third party assets are tied into this plan's facility(ies) but not operated by Canadian Natural as listed below, the licensee will have their own ERP and would be responsible for emergency response actions involving their assets. Canadian Natural may assist depending on resource availability at the time.

THIRD PARTY LICENSEE & OPERATOR	ERP NAME	24 HR EMERGENCY #
Enbridge		1-866-763-5427

### 2.1.7 DRIVING DIRECTIONS AND MAP

#### 2.1.7.1 Driving Route

**CER PIPELINES:** Driving directions to staging area location will be determined by field operations at time of incident.

From

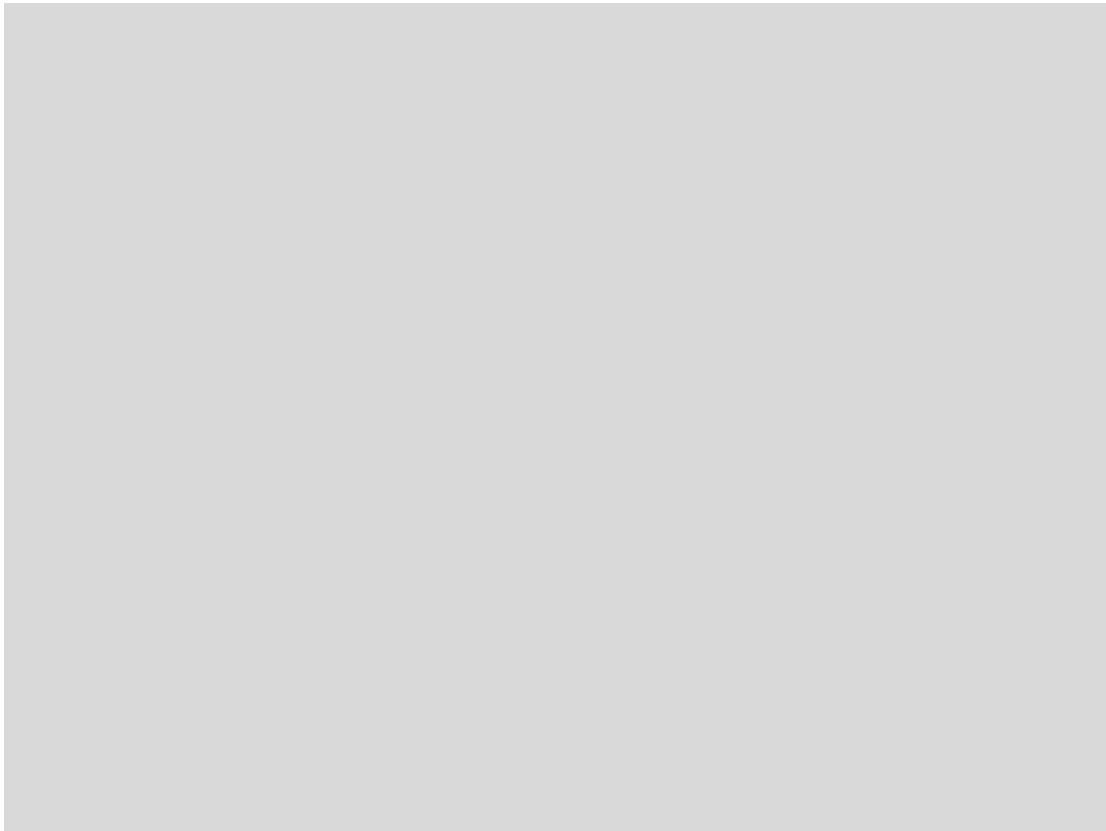
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

#### 2.1.7.2 Proximity To Nearest Urban Centre

- [Redacted]

#### 2.1.7.3 Latitude and Longitude Coordinates

FACILITY	LATITUDE (N)	LONGITUDE (W)
[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]



### 2.2 EMERGENCY DETECTION, NOTIFICATION AND CONFIRMATION SYSTEMS

PRESENT AT	PRESENT AT	PRESENT AT	PRESENT AT	TYPE	DESCRIPTION
Y	Y	Y	Y	24-Hour Emergency Phone Number	A 24-hour emergency number is posted at all facilities and pipeline crossings. Any operator, landowner or citizen can call to notify Canadian Natural of an emergency situation. On-call Canadian Natural personnel will take appropriate actions to manage the emergency.
N	Y	N	N	SCADA System	<b>Supervisory Control and Data Acquisition (SCADA)</b> – Electronic monitoring equipment on wells throughout the gathering system will transmit signals to a central control panel. SCADA systems trigger alarm and call-out systems and may have ESD capabilities.
Y	Y	N	N	Alarm & Call-Out Process	System monitoring equipment throughout facilities will trigger an alarm to an answering service that will use a call-out system to notify applicable operators.
N	Y	N	N	Aerial Surveillance	Pipelines may be surveyed on a regular basis to detect leaks.
Y	Y	Y	N	Landowner Complaint System	Landowners with concerns, or who have identified potential problems, can call the facility directly or the 24-hour emergency number.
Y	Y	N	N	Operator Inspections	Operators do regular inspections of pipelines, wells and facilities and will report any abnormality they detect.
Y	N	N	N	24-Hour Manned Stations	Some Canadian Natural facilities are monitored 24 hours a day.
Y	Y	N	N	H <sub>2</sub> S Monitors – Continuous	Continuous H <sub>2</sub> S monitoring equipment is strategically located at all sour facilities. Monitors are calibrated at regular intervals and are designed to activate a call-out procedure to operational personnel if H <sub>2</sub> S levels are detected at the facility. If H <sub>2</sub> S levels reach a predetermined level, the system is designed to activate the Emergency Shutdown (ESD) and shut down the facility.
Y	Y	Y	Y	Gas Monitors – Handheld	Canadian Natural personnel are equipped with personal monitors for early detection.
Y	Y	N	N	Gas Detection Equipment	Continuous <b>Combustible Gas Detectors</b> are located throughout the facility. The detectors alarm at 20% lower explosion limit (LEL). At 40% LEL, the detectors engage a facility shut down.
N	Y	N	N	Fire Detection Equipment	An ultraviolet fire detection system, “Fire Eyes,” may be installed throughout facilities.
N	N	N	N	Leak Detection System	Continuous monitoring systems are installed on several pipeline systems, including but not limited to water injection, oil emulsion and ESD risers. These systems can be based on different methodologies such as pipeline or differential pressure, pressure rate of change (ROC), flow rate imbalance, ROW monitoring, etc.





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### 2.3 COMMUNICATIONS

The primary means of communications between the Emergency Response Team personnel and the various Operations Centers / Command Posts will be by cellular telephone. Portable radios will be utilized if practical. Applicable radio frequencies are listed below.

#### 2.3.1 COMMUNICATION EQUIPMENT

EQUIPMENT	COMMENT
Cell Phone	Each operator has a cellular phone. Cell coverage in the area is reliable; however some dead spots may occur in lower lying area. In these cases, signals can be re-established by moving to higher ground.
Two-Way Radios	Two-way radios are installed in all operator trucks. If more portable radios are required, contact service providers listed in Contract Services – Communications Rental Equipment
Land Line	There is a land line at the facility – see Section 2.1.1

#### 2.3.2 ROAD RADIO CHANNEL

The B.C. government recommends that those that use mobile radios on provincial natural resource roads have the full bank of standard resource road radio channels, programmed in the standard format by commercial radio technicians. It is discouraged to have select channels programmed into mobile radios as channel assignment may change without notice.


### 2.4 SPILL RESPONSE

Canadian Natural has implemented company spill response trailers to supplement WCSS equipment caches and / or developed additional water control points for spill mitigation. Company and / or WCSS equipment and spill contingency plans will guide initial emergency response actions while long term spill containment and recovery activities will be performed by established spill response consultants / providers contracted and directed by Canadian Natural. A list of these providers can be found in Contract Services in Section 3.

**NOTE:** WCSS does not provide human resources for spill response however other neighboring industrial operators or other WCSS members may be of assistance.

**For spill response, consult with Environmental Coordinator and applicable WCSS Spill Contingency manual.** Also refer to CiNQ:

Corporate > Environmental Conventional-Thermal > Job Instructions > [Spill Response Equipment and Contact List](#)

For full spill response procedures, guidelines and methods see applicable WCSS Spill Contingency manual (recommended) or Procedure 5: Hazardous Product Release / Spill Control (SMS 22.05) on CiNQ or in purple tabbed Hazard Response Procedures section in the Corporate ERP.

### SECTION 3: CONTACTS AND TELEPHONE LISTS

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### 3 CONTACTS AND TELEPHONE LISTS

#### 3.1 COMPANY EMERGENCY CONTACTS

POSITION	NAME	CELL	OFFICE
Area Foreman			
Assistant Foreman			
Operations Superintendent			
Safety & Compliance Coordinator			
Environmental Field Coordinator			
Surface Landman			
Surface Landman			
Manager, Emergency Management			
Emergency Management Lead			
Manager, Fort St. John Field Operations			
VP, West Field Operations			
Calgary EOC – Bankers Hall East (BHE)			



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## 3.2 MANDATORY NOTIFICATIONS (SEE EMERGENCY NOTIFICATION DETAILS CHART)

<b>FOR CER PIPELINE INCIDENTS ONLY, CONTACT:</b>  <b>Transportation Safety Board (TSB)</b> <b>*TSB will contact CER</b>  <i>See Forms &amp; Guidelines section, Corporate ERP: Guideline 8: CER Event Reporting Guidelines</i>  <b>NOTE:</b> CER = Canada Energy Regulator OERS = CER's Online Event Reporting System	<b>For "Immediately Reportable Events" within three (3) hours of discovery:</b> a) call TSB 24-Hour Reporting Hotline <b>and</b> b) report via OERS	24-Hour	1-819-997-7887
		<a href="https://apps.cer-rec.gc.ca/ers">https://apps.cer-rec.gc.ca/ers</a>	
	<b>For all other events, within 24 hours of discovery:</b> a) report via OERS <i>If OERS is unavailable, report by calling TSB 24-Hour Reporting Hotline</i>	<a href="https://apps.cer-rec.gc.ca/ers">https://apps.cer-rec.gc.ca/ers</a>	

## AND APPLICABLE PROVINCIAL MANDATORY NOTIFICATIONS:

NAME	LOCATION	TELEPHONE	
<b>BRITISH COLUMBIA</b>			
Emergency Management and Climate Readiness (EMCR) <i>EMCR will contact BC Energy Regulator (BCER)</i> <b>If applicable, use this number to also verbally report an E2 Emergency</b> ----- <ul style="list-style-type: none"> <li>• <i>Written notice (Schedule 8) made via SWIM * ASAP by Environmental Coordinator in conjunction with EM Team</i></li> <li>• <i>Environment Canada notified by EMCR</i></li> </ul>	Province-Wide	<b>For all emergencies 24-Hour Incident Reporting</b>	<b>1-800-663-3456</b>
		<b>* For E2 Emergency Reporting only: Single Window Information Management (SWIM) <a href="https://ec.ss.ec.gc.ca">https://ec.ss.ec.gc.ca</a></b>	
Northern Rockies Regional Municipality	Fort Nelson BC	24-Hour	9-1-1
		Office	250-774-2541
Peace River Regional District	Dawson Creek BC	Toll-free	1-800-670-7773
Health Emergency Management BC (HEMBC) <b>* contact only if 5 or more injured persons</b>	Northern BC	<b>24-Hour Emergency On-Call</b>	
RCMP	Province-Wide	24-Hour	9-1-1

NAME	LOCATION	TELEPHONE	
<b>ALBERTA</b>			
<b>Energy &amp; Environmental Response Line</b> <i>Alberta Environment / Alberta Energy Regulator (AER)</i> <b>If applicable, use this number to also verbally report an Environmental Emergency (E2)</b> ----- <ul style="list-style-type: none"> <li>• <i>Written notice (Schedule 8) made via SWIM * ASAP by Environmental Coordinator in conjunction with EM Team</i></li> <li>• <i>Environment Canada notified by AER</i></li> </ul>	Province-Wide	<b>For all emergencies 24-Hour Incident Reporting</b>	<b>1-800-222-6514</b>
		<b>* For E2 Emergency Reporting only: Single Window Information Management (SWIM) <a href="https://ec.ss.ec.gc.ca">https://ec.ss.ec.gc.ca</a></b>	



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NAME	LOCATION	TELEPHONE	
<b>ALBERTA</b>			
Mackenzie County	Fort Vermillion AB	24-Hour	780-846-2929
Alberta Health Services • ask for "Emergency Disaster Management" on call	Province-Wide	24-Hour	[REDACTED]
		Email	[REDACTED]
RCMP	Province-Wide		9-1-1

### 3.3 ROAD CLOSURE CONTACTS

Dispatch Roadblocks immediately and notify the following (no Closure Orders required for emergencies):

	ROAD TYPE	AGENCY	TELEPHONE	
BC	Provincial Highway / Roads (highways with 1, 2, 3 digits or local names)	1. <b>RCMP / Local Police</b> – advise of situation / request presence & roadblocks	24-Hour	9-1-1
		2. <b>Traffic Management Centre BC</b> – advise of situation / pending roadblocks	24-Hour	1 866 707-7862
		3. <b>Highway Maintenance Contractor</b> – advise of situation / roadblock locations	Argo Road Maint	1-800-663-7623
	Dawson Road Maint		1-800-842-4122	
Petroleum Development Roads (PDRS)  Forestry Roads	1. <b>RCMP / local police</b> – advise of situation / roadblock locations; request presence	24-Hour	9-1-1	
	2. <b>Notify of closures as needed:</b> - for PDRs, notify BC Energy Regulator (BCER) directly - for forestry roads, notify Ministry of Forests, LNRORD Resource District office <b>SEE PROVINCIAL GOVERNMENT CONTACTS TABLE BELOW</b>			
AB	- for major highways (1, 2 or 3 digit highways)	<b>RCMP</b> – advise of situation / request presence & roadblocks	24-Hour Emergency	9-1-1
	- for other licensee PDRs and / or forestry roads	<b>AER / Alberta Environment &amp; Parks</b>	24-Hour	1-800-222-6514

### 3.4 WATER INTAKE CLOSURE CONTACTS

\*\* NOT APPLICABLE \*\*

### 3.5 PROVINCIAL GOVERNMENT CONTACTS

NAME	LOCATION / DESCRIPTION	TELEPHONE
<b>BRITISH COLUMBIA</b>		
<b>BC Ambulance Service</b>	Emergency	9-1-1
	Areas where 9-1-1 is not available	1 800 461-9911
	Cellphone / SAT Phone / Outside BC	250 374-5937
<b>British Columbia Boiler Safety Association</b>	Report an Incident or Hazard (online reporting) <a href="https://portal.technicalafetybc.ca/report-incident/incident-reporting-form">https://portal.technicalafetybc.ca/report-incident/incident-reporting-form</a>	1 866 566-7233



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NAME	LOCATION / DESCRIPTION		TELEPHONE
<b>BRITISH COLUMBIA</b>			
<b>British Columbia Energy Regulator (BCER)</b>	Emergency Coordination Centre		1 800 663-3456
<b>Emergency Management and Climate Readiness (EMCR)</b>			
<b>Environment and Climate Change Strategy, Ministry of</b>	Spills or Environmental Emergencies		1 800 663-3456
	Report All Poachers and Polluters (RAPP)		1 877 952-7277
<b>Forests, Ministry of (Natural Resource Districts)</b>			
Mackenzie Natural Resource District (DMK)	Mackenzie	Main	250 997-2200
Peace Natural Resource District (DPC)	Dawson Creek	Main	250 784-1200
Prince George Natural Resource District (DPG)	Prince George	Main	250 614-7400
<b>Health Emergency Management BC (HEMBC)</b> <i>* contact only if 5 or more injured persons</i>	Northern BC	24-Hr Emergency On Call	
<b>Ministry of Public Safety &amp; Solicitor General</b>	Public Safety & Emergency Services Wildfire Reporting		1 800 663-5555 Cell: *5555
<b>WorkSafe BC</b> <i>(applicable BU/Group Safety Lead)</i>	Province-Wide	Worksite Emergency 24-Hr	1-888-621-7233

NAME	LOCATION	TELEPHONE	
<b>ALBERTA</b>			
<b>Alberta Boilers Safety Association (ABSA)</b> <i>Report an Incident (online reporting)</i>	<a href="https://www.absa.ca/unsafe-condition-accident-fire-reporting/report-an-incident/">https://www.absa.ca/unsafe-condition-accident-fire-reporting/report-an-incident/</a>		
<b>Alberta EDGE – Center for TDG</b> <i>(Environmental and Dangerous Goods Emergencies)</i>	Province-Wide	24-Hour	1-800-272-9600
<b>Alberta Emergency Management Agency (AEMA)</b> <i>Provincial Operations Centre (POC)</i>	Province-Wide	24-Hour	1-866-618- 2362
<b>Alberta Energy Regulator (AER)</b> <i>* notify when blocking petroleum development and / or forestry roads</i>	Energy & Environmental Emergency or Complaint	24- Hour	1-800-222-6514
<b>Alberta Environment and Protected Areas</b> <i>* notify when blocking roads through or adjacent to Crown Land</i>			
<b>Alberta Environment and Protected Areas</b> <i>Parks Fish and Wildlife Land Water</i>	Report a Poacher	24-Hour	1-800-642-3800
		Telus Mobile	#3800
	Report a Wildfire	24-Hour	310- 3473 (FIRE)
<b>Alberta Health Services</b> <i>* ask for "Emergency Disaster Management" on call</i>	Province-Wide	24-Hour	
		Email	
<b>Alberta Transportation and Economic Corridors</b>  <i>Provincial Highway Road Closures Support</i> 1. call 9-1-1 / RCMP ( <b>for roadblocks</b> ) 2. call nearest Region / District Office ( <b>for notification only</b> )  <i>Highway maintenance contractors are responsible for maintenance activities including highway patrolling and emergency duties</i> <b>Road &amp; Weather Conditions:</b> 511.alberta.ca	Fort McMurray District Office		780 743-7376
	Peace River District Office		780 624-6280
	Vermilion District Office		780 853-8178



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NAME	LOCATION	TELEPHONE
<b>ALBERTA</b>		
<b>Occupational Health &amp; Safety</b> <i>(applicable BU / Group Safety Lead)</i>	Province-Wide	24-Hour 1-866-415-8690
<b>Workers' Compensation Board</b>	Province-Wide	24-Hour 1-866-922-9221

### 3.6 EMERGENCY SERVICE NUMBERS

SERVICE	LOCATION	TELEPHONE NUMBER
<b>BRITISH COLUMBIA</b> <span style="float: right;">NOTE: 9-1-1 does not work for all of BC</span>		
RCMP	Fort St. John & Fort Nelson BC	24-Hour 9-1-1
		FSJ Office 250-787-8100
		Fort Nelson 250-774-2777
Hospital	Fort St. John & Fort Nelson BC	FSJ 24-Hour 250-262-5200
		Fort Nelson 24-Hour 250-774-8100
British Columbia Ambulance Service	Province-Wide	Emergency 9-1-1
		Areas where 9-1-1 not available – Toll free 1-800-461-9911
		Cell/ SAT Phone/ Outside BC 250-374-5937
Fire Department	Fort St. John & Fort Nelson BC	24-Hour 9-1-1
		FSJ Office 250-785-0800
		Fort Nelson 2580-774-2222
<b>ALBERTA</b> <span style="float: right;">ALL EMERGENCY SERVICES CALL 9-1-1</span>		
RCMP	Chateh AB	24-Hour 780-321-3835
Hospital	High Level AB	24-Hour 780-926-3791
Ambulance	High Level AB	780-926-2166 780-926-2166
Fire Department	High Level AB	780-821-4016 780-821-4016

### 3.7 TDG / LPG – INITIAL INCIDENT REPORTING CONTACTS

<ul style="list-style-type: none"> <li>• <b>TDG Incident Reporting</b> <ul style="list-style-type: none"> <li>○ <b>FOR AB:</b> contact a) 9-1-1 and b) Alberta EDGE 1-800-272-9600</li> <li>○ <b>FOR BC:</b> contact a) 9-1-1 and b) EMCR 1 800 663-3456</li> <li>○ <b>FOR MB:</b> contact a) 9-1-1 and b) Environmental Accidents 1 855 944-4888</li> <li>○ <b>FOR SK:</b> contact a) 9-1-1 and b) Spill Control Centre 1 800 667-7525</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>• <b>CNRL LPG Incident Reporting (Propane &amp; Butane)</b> – contact a) 9-1-1 and b) ERAC 1 800 265-0212 * provide Canadian Natural ERAP Number: <span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 100px; height: 1em;"></span></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>CANUTEC (all instances)</b> * provides dangerous goods interaction guidance and technical information to responders. DOES NOT offer emergency response services</li> </ul>	1 888 226-8832 (toll free) 613 996-6666 (call collect) Cell *666



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### 3.8 MUNICIPAL GOVERNMENT CONTACTS

NAME	LOCATION	TELEPHONE NUMBER	
Northern Rockies Regional Municipality	Fort Nelson BC	Office	250-774-2541
Mackenzie County	Fort Vermillion AB	24-Hour	1-888-511-6323
Peace River Regional District	Dawson Creek BC	Toll-free	1-800-670-7773
		Office	250-784-3200
		Cell	250-219-3185

### 3.9 FEDERAL GOVERNMENT CONTACTS

NAME	LOCATION	CONTACT INFORMATION	
<b>FOR CER PIPELINE INCIDENTS, CALL:</b> <b>Transportation Safety Board (TSB)</b> <b>*TSB will contact CER</b>  <i>See Forms &amp; Guidelines section, Corp ERP: Guideline 8: CER Event Reporting Guidelines</i>  <b>NOTE:</b> CER = Canada Energy Regulator OERS = CER's Online Event Reporting System	<b>For "Immediately Reportable Events" within three (3) hours of discovery:</b> a) call TSB 24-Hour Reporting Hotline and b) report via OERS	24-Hour	1-819-997-7887
	For all other events, within 24 hours of discovery: a) report via OERS  <i>If OERS is unavailable, report by calling TSB 24-Hour Reporting Hotline</i>	<a href="https://apps.cer-rec.gc.ca/ers">https://apps.cer-rec.gc.ca/ers</a>  <a href="https://apps.cer-rec.gc.ca/ers">https://apps.cer-rec.gc.ca/ers</a>	
<b>Canadian Nuclear Safety Commission</b>  <ul style="list-style-type: none"> <li>• any accident involving nuclear reactor, nuclear fuel facility or radioactive materials</li> <li>• lost or damaged radioactive materials</li> <li>• any threat, theft, smuggling, vandalism or terrorist activity involving nuclear facility or radioactive materials</li> </ul>	Duty Officer – emergency line	24-Hour	1 613 995-0479
	Ottawa, ON	Toll Free	1 844 879-0805
Environment and Climate Change Canada	* will be notified by respective provincial govt agency – see Section 3.2		
<b>Fisheries &amp; Ocean Canada</b> <i>Report damage to fish habitat – contact Fish and Fish Habitat Protection Program by province</i>	Alberta, Manitoba, Saskatchewan, Northwest Territories	1 855 852-8320	
	British Columbia	1 866 845-6776	
<b>Health Canada - For emergencies where First Nations and Indigenous reserves are within the EPZ</b>  Department of Indigenous Services Canada, Environmental Public Health Services First Nations & Inuit Health Branch	<b>BC – FNIH</b> First Nations Health Authority	Main	1-866-913-0033
	<b>BC – EMCR</b> (fanout)	24-Hour	1-800-663-3456
	<b>AB - Environmental Health Officer (EHO)</b>	24-Hour	
<b>Indigenous Services Canada (ISC)</b> Aboriginal Affairs & Northern Development Canada	Toronto Office	Toll Free	1-800-567-9604
<b>NAV Canada – Flight Info Centre (FIC)</b> <b>To issue a NOTAM, have ready (if possible):</b> - GPS coordinates, height, time frame	Nation wide	Toll Free Call Centre	1-866-992-7433
<b>Transport Canada (TC)</b> <i>See Section 3.7 TDG / LPG – Initial Incident Reporting Contacts</i>	Nation wide	General Inquiries	1 866 995-9737





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### 3.10 CONTRACT SERVICES

COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.1 AIR QUALITY MONITORING (MOBILE)</b>			
Emergency Management and Climate Readiness / British Columbia Energy Regulator <i>(contact if no contract services are available)</i>	Province-Wide, BC	24-Hour	1-800-663-3456
Alberta Energy Regulator <i>(contact if no contact services are available)</i>	Province-Wide AB	24-Hour	1-800-222-6514
Firemaster Oilfield Services Inc.	BC, AB, SK	24-Hour	1-877-342-3473
HSE Integrated Ltd.	BC, AB, SK	24-Hour	1-888-346-8260
Trojan Safety Services	BC, AB, SK	Fort St. John	250 785-9557
		Grande Prairie	780 567-3440
		Sylvan Lake	403 309-3025

<b>3.10.2 AIRCRAFT (FIXED WING) CHARTERS</b>	<b>CONTACT CORPORATE TRAVEL</b>
--	---------------------------------

COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.3 COMMUNICATIONS RENTAL EQUIPMENT</b>			
Earth Communications	Fort Nelson BC	Main	1-877-560-3276
Petron Communications	Fort St. John BC	Main	250-785-3333
Metis Nation Communications	Fort Nelson BC	Main	250-500-1308

SERVICE AREA	COMPANY	TELEPHONE NUMBER	
<b>3.10.4 DRONE / UAV OPERATORS</b>			
Hummingbird Drones	Fort St. John, BC	250 857-5411	
Infinity Drones Inc	Fort St. John	250-787-5110	
Northern Drone Services Canada	Fort St. John	250-719-7469	
Roy Northern Land and Environmental	Fairview, AB, Fort St. John, BC	780-835-2682	
Nortech Advanced NDT	Fort Nelson, Fort St. John, BC	780-380-9888	
SmartDrones	AB , BC	780 782-6593	

COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.5 FRESH WATER HAULING</b>			
Fort St. John Water Inc.	Fort St. John	Main	250-785-0862
P & J WaterPro Services	Charlie Lake	Main	250-785-4263



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COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.6 HELICOPTERS</b>			
Bailey Helicopters	Fort Nelson, Fort St. John	Toll Free	1-877-822-2245
Canadian Helicopters	Edmonton, Fort McMurray, Fort St. John, Grande Prairie, Norman Wells (NWT)	24 Hr Emerg (Western Canada)	780 429-6900
Delta Helicopters	Edmonton, Fort McMurray, Fort St. John, High Level, Lac La Biche, Rainbow Lake, Slave Lake	Toll Free	1-800-665-3564
Yellowhead Helicopters	Fort St. John, Hinton, Prince George	Main	1-888-566-4401

COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.7 IGNITION SERVICES (VAPOR PLUME)</b>			
<b>** CONTACT Service Provider to get accurate Staging Area ETA **</b>			
Firemaster Oilfield Services Inc.	<b>Equipment Location:</b> - Blackfalds (for central/south AB) - Grande Prairie (for central/north AB & BC) <b>Best ETA to Area:</b> approximately [REDACTED]	24-Hour	1-877-342-3473
	<b>Equipment:</b> H2S safety trailers equipped w/ignition safety flares & hand held flare pistol *no remotely activated equipment <b>Services:</b> ignition services - trailers dispatched with ignition certified Senior Hands		
Safety Boss Services	<b>Equipment Location:</b> - Edmonton, Fort St. John <b>Best ETA to Area:</b> approximately [REDACTED]	24-Hour	1-800-882-4967
	<b>Equipment:</b> safety flares & handheld pistols loaded onto H2S safety trailers as req'd *no remotely activated equipment <b>Services:</b> ignition services - trailers dispatched with ignition certified personnel		
Trojan Safety Services	<b>Equipment Location:</b> 90% in Grande Prairie <b>ETA to Area:</b> approximately [REDACTED]	24-Hour FSJ	250 785-9557
	<b>Equipment:</b> H2S safety trailers equipped w/ignition safety flares & hand held flare pistol *no remotely activated equipment <b>Services:</b> ignition services - trailers dispatched with ignition certified Safety Supervisors	24-Hour GP	780 567-3440
		Sylvan Lake	403 309-3025
United Safety Ltd.	<b>Equipment Location:</b> - Fort McMurray, Fort Saskatchewan, Fort St. John, Grande Prairie, Lloydminster <b>Best ETA to Area:</b> approximately [REDACTED]	24-Hour	1-800-432-1809



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COMPANY	LOCATION	TELEPHONE NUMBER
<b>3.10.7 IGNITION SERVICES (VAPOR PLUME)</b>		
<b>** CONTACT Service Provider to get accurate Staging Area ETA **</b>		
	<b>Equipment:</b> H2S safety trailers equipped w/ignition safety flares & hand held flare pistol *no remotely activated equipment <b>Services:</b> ignition services - trailers dispatched with ignition certified Safety Supervisors <b>Location (Equipment):</b> Grande Prairie, Fort Saskatchewan, Fort St. John, Fort McMurray, Lloydminster	

COMPANY	LOCATION	TELEPHONE NUMBER
<b>3.10.8 SAFETY SERVICES</b>		
Brogan Safety - SO <sub>2</sub> monitors, etc	Dawson Creek, Fort St. John, Grande Prairie, Whitecourt	Grande Prairie 780-539-9004 Whitecourt 780-396-1005
Firemaster Oilfield Services Inc.	BC, AB, SK	24-Hour 1-877-342-3473
HSE Integrated Ltd.	BC, AB, SK	24-Hour 1-888-346-8260
Safety Boss Services	BC, AB	24-Hour 1-800-882-4967
Trojan Safety Services	BC, AB, SK	24-Hour FSJ 250 785-9557
		24-Hour GP 780 567-3440
		24-Hour Sylvan Lake 403 309-3025
United Safety Ltd.	BC, AB	24-Hour 1-800-432-1809



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COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.9 SPILL RESPONSE SERVICES (INLAND)</b>			
Clean Harbors	North America	24-Hour	1-800-645-8265
Matrix Solutions Inc.	BC, AB, SK, MB	Main	1-877-774-5525
North Shore Environmental Consultants	BC, AB, SK (small scale)	24-Hour	1-855-700-6732
QM Environmental	BC, AB, SK, MB	24-Hour	1-877-378-7745
Rapid Response Industrial Group	Canada-wide	24-Hour	1-844-774-4911
Roy Northern Land and Environment	BC, AB	Fairview	780-835-2682
		FSJ	250-261-6644
		Grande Prairie	780-835-7016
		Terrace	250-635-6973
SWAT Consulting	Canada-wide	24-Hour	1-866-610-7928
Western Canadian Spill Services (WCSS)	See WCSS section		

COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.10 WELL BLOWOUT CONTROL</b>			
Firemaster Oilfield Services Inc.	BC, AB, SK	24-Hour	1-877-342-3473
HSE Integrated Ltd.	BC, AB, SK	24-Hour	1-888-346-8260
Safety Boss Inc.	BC, AB	24-Hour	1-800-882-4967



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COMPANY	LOCATION	TELEPHONE NUMBER	
<b>3.10.11 WESTERN CANADIAN SPILL SERVICES (WCSS) COOP “8 &amp; 9”</b>			
<b>24-HOUR EMERGENCY CONTACT 1-866-541-8888</b>			
<i>** Refer to Section 2 Emergency Equipment subsection for Canadian Natural spill response trailers **</i>			
<b>COOP “8”</b>			
<b>Regional Custodian</b> <i>Primary Contact</i> Cenovus James Barnhill	<b>Equipment Location</b> Husky Oil Operations Yard / Rainbow Lake SE 10-10-109-08 W6M	Office	780-956-8052
		Cell	780-956-1814
<b>Co-op Custodian</b> <i>Primary Contact</i> Muzzy’s Contracting Bruce Muzichuk	<b>Equipment Location</b> 1072 Aspen Drive Zama City, AB	24-Hour Cell	780-926-9797
<b>Co-op Custodian</b> <i>Primary Contact</i> CNRL Chinchaga Gas Plant Doe Jaeger/ Cory Karpiak	<b>Equipment Location</b> CNRL Chinchaga Gas Plant 1-24-96-05 W6M  <b>Directions:</b> On Hwy 35, travel 16 km from Manning north to Chinchaga Forestry Road. Turn west for 75 km, then north 5 km to plant site.	Control Room	780-836-3364 ext. 25
		Don Jaeger	780-836-6223
		Cory Karpiak	780-618-6513
<b>COOP “9”</b>			
<b>Regional Custodian</b> <i>Primary Contact:</i> North River Midstream Kaylin Salanski	<b>Equipment Location</b> North River Midstream 13217 Westcoast Frontage Charlie Lake BC V0C 1H0 Miles 53 Alaska Hwy	24-Hour	250-262-3446
		Office	250-919-7282
<b>Co-op Custodian</b> <i>Primary Contact:</i> Troyer Ventures Ltd	<b>Equipment Location</b> 4850 – 46 Avenue Fort Nelson, BC V0C 1R0	24-Hour	250-774-5332

**NOTE: For spill response, consult with Environmental Coordinator. Also refer to CiNQ:**

Corporate > Environmental Conventional-Thermal > Job Instructions > [Spill Response Equipment and Contact List](#)

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## 4 PUBLIC NOTIFICATIONS

### 4.1 NOTIFICATION PROCEDURES

#### 4.1.1 TELEPHONE CALLERS

If an emergency occurs that involves only a few residents within the EPZ, the Public Safety Supervisor will designate Telephone Callers to relay messages of notification, shelter-in-place or evacuation. Refer to the Public Safety Supervisor and Telephone Caller roles in the Corporate ERP for procedures and scripts (Forms 15, 16, 17, and 18).

Once all calls are made, the Public Safety Supervisor will review the contacted public within the EPZ and dispatch Rovers for those who requested assistance or were not reached by the telephone callers.

#### 4.1.2 AUTOMATED PUBLIC NOTIFICATION SYSTEM

**\*\*NOT APPLICABLE FOR THIS AREA\*\***

### 4.2 RECEPTION CENTRE(S)

Reception Centre options are listed below. The Reception Centre selected will be based on the site of the emergency and the safest route for evacuating residents out of the Emergency Planning Zone.

RECEPTION CENTRE	LOCATION	TELEPHONE NUMBER	
Bailey Helicopters Ltd.	120 Bell Road Fort Nelson BC V0C 1R0	24-Hour	250-774-3555
Lakeview Inn	4507 50 Ave S Fort Nelson, BC V0C 1R0	24-Hour	250-233-5001
Northern Grand Hotel	9830 – 100 Avenue Fort St. John BC V1J 1Y5	24-Hour	250-787-0521
Recreation / Meyosin Learning Center	3041 Chalo Road Fort Nelson, BC (First Nations)	Office	250-774-7320
Woodlands Inn & Suites	3995 – 50 <sup>th</sup> Avenue South Fort Nelson, BC	Office	250-774-6669

### 4.3 RESIDENT / ORGANIZATION INFORMATION

Confidential information, if applicable, is only included in the main responders' Emergency Response Plans at the end of this Section. . As an alternative to the hard copy versions, this information may also be accessed by authorized users via the ERPlanning web-based application at [\[REDACTED\]](#).

### 4.4 SPECIAL CONSIDERATIONS FOR EMERGENCY RESPONSE

#### 4.4.1 LOCATING TRANSIENTS AND RECREATIONAL USERS

In an emergency situation, aerial surveillance should be considered for sweeping the area to look for individuals such as non-resident landowners, snowmobilers, hunters, backpackers, skiers or any other recreational transient activity. Helicopters and fixed wing contractors are listed in Contract Services Section under the Site Specific Emergency Contacts Tab in the manual.

**NOTE:** Helicopters only fly during daylight hours; an emergency situation that happens at night will require the services of the fixed wing company.

### 4.4.2 ISOLATION OF EPZ PROCEDURES

- The On-Scene Supervisor will initially designate the necessary personnel to secure all entrances into the incident site and only allow access to authorized personnel. All personnel who are allowed entry will be briefed on the existing conditions and must be equipped with the appropriate Personal Protective Equipment (PPE).
- Cleared pipeline rights-of-way will be temporarily isolated to restrict access using isolation measures as determined at the time of the incident. Consider the use of aerial surveillance, traffic control / roadblock personnel or area rovers.
- Designated personnel will follow the Roadblock Personnel role checklist in the Emergency Response Guide or this manual to provide initial EPZ isolation. Ideally, authorization from the local authority and / or the RCMP should be obtained before establishing roadblocks on public roads.
- The Incident Commander will ensure notification and consultation with appropriate regulatory authorities and the RCMP or local police
- For longer term road closures, SMS 6.88 Traffic Control procedure should be used to ensure safe and proper control measures.
- **For temporary isolation of the EPZ in emergency situations, contact the following depending on the feature impacted:**

FEATURE TO BE CLOSED	TYPE OF CLOSURE REQUIRED	AGENCY TO CONTACT	CONTACT INFO SECTION
- Major highways (1, 2 or 3 digit highways) - Other public roads	Notification only	See Section 3.3 Road Closure Contacts	
- for other licensee petroleum development roads (PDRs) and / or forestry roads	Dispatch roadblocks & notification only	See Section 3.3 Road Closure Contacts	
Restricted Area	Fire Hazard (FH) Order	Provincial regulator	Section 3.2 Mandatory Notifications
Restricted Area	Local State of Emergency	Local Municipality	Section 3.2 Mandatory Notifications
Navigable Water Courses	Closure	Local Municipality, RCMP / local police, local Search and Rescue	Section 3.6 Emergency Services
Railways	Closure	Transport Canada and Railway	N/A
Pipeline Right-of-Ways	Closure	Industry	Section 4.6 Industrial Operators
Airspace (establish No-Fly Zone)	NOTAM (Notice to Airmen)	NAV Canada	Section 3.9 Federal Government
		Provincial Authority at Level 2 or 3	Section 3.2 Mandatory Notifications

### 4.4.3 ALASKA HIGHWAY

The Emergency Planning Zone for the Adsett system intersects the [REDACTED]. In the event of an emergency involving H<sub>2</sub>S gas where the gas may reach the Highway, the RCMP should be notified immediately and requested to set up road blocks at each end of the EPZ.

### 4.4.4 ADDITIONAL PERSONNEL

If additional help is needed during an emergency, the assistant foremen (2) are located at the CNRL South Helmet Base Camp. There is a helicopter located at [REDACTED] and would take approximately [REDACTED] hours to arrive.

As well, [REDACTED] is equipped with a CNRL roadblock kit and lives [REDACTED] away from [REDACTED]. His services may be called upon if there are not enough personnel for roadblocks.





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### 4.5 SCHOOLS DIVISION(S) / SCHOOL(S)

In the event of an emergency, the school division(s) listed below must be contacted. General school division policy defines that in an emergency situation, each division is responsible for children attending their schools until their parents / guardians are located. Private schools must be contacted directly. School children living within the EPZ attend the following schools:

SCHOOL DIVISION	TELEPHONE NUMBER	SCHOOL NAME
There are no school divisions affected by this ERP		

### 4.6 INDUSTRIAL OPERATOR(S)

If an industrial operator is the first person to identify a problem or emergency involving Canadian Natural Facilities, their response will be to notify Canadian Natural immediately. If Canadian Natural personnel are the first people to identify a problem or an emergency, they will immediately notify all industrial operators within the determined EPZ. Whether or not assistance will be given by neighbouring industrial operators will depend on the resources of the company at the time. The following companies operate in the Emergency Planning Zone.

INDUSTRIAL OPERATOR NAME	OPERATIONS DESCRIPTION	TELEPHONE NUMBER	
ARC Resources Ltd.	Wells in the area	24-Hour Emergency	403-292-0434
CNOOC Petroleum	Assets in the area	24-Hour Emergency	403-699-4000
Westcoast Energy Inc. (Enbridge)	Oil & Gas Operations	24-Hour Emergency	1-866-763-5427
Erikson National Energy Inc.	Wells & pipelines in area	24-Hour Emergency	1-866-363-6100
Harvest Operations Corp.	Oil & Gas Operations	24-Hour Emergency	1-800-760-2826
ISH Energy Ltd.	Wells & pipelines in the area	24-Hour Emergency	1-844-851-9568
Northriver Midstream Inc.	Wells & pipelines in area	24-Hour Emergency	1-844-667-8477
Obsidian Energy LTD.	Pipelines in the area	24-Hour Emergency	1-877-792-2990
Ovintiv Canada Ulc	Assets in the area	24-Hour Emergency	403-645-3333
Petronas Energy Canada Ltd.	Wells & pipelines in the area	24 Hour Emergency	1-844-299-2566
Tidewater Midstream Ltd.	Wells & pipelines in the area	24-Hour Emergency	1-866-544-9875
Tourmaline Oil Corporation	Wells & pipelines in the area	24-Hour Emergency	1-877-504-4252
NTE Energy Canada Ltd.	Pipelines in the area	Office	587-393-3600
Paramount Resources Ltd.	Pipelines in the area	24-Hour Emergency	1-866-362-1138
Advantage Energy Ltd.	Pipelines in the area	24-Hour Emergency	1-866-266-5623
Peyto Exploration & Dev Corp.	Pipelines in the area	24-Hour Emergency	1-780-712-6777
TC Energy	<b>EMAIL PIP to</b> [REDACTED]		
	Pipelines	24-Hour Emergency	1-888-982-7222

### 4.7 TRAPPERS / GUIDE OUTFITTERS

The following information has been updated from the most current provincial government database. Where applicable, "N/A" indicates the information was 'not available' in this database (confidentiality laws) nor was available via data searches or public consultations. Rovers will be dispatched to search the area for transient activity when required.

REGISTERED AREA	CONTACT NAME	CONTACT NUMBER	COMMENTS / NOTES
[REDACTED]	[REDACTED]	[REDACTED]	



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REGISTERED AREA	CONTACT NAME	CONTACT NUMBER	COMMENTS / NOTES

### 4.8 GRAZING LEASE(S) / RESERVE(S) AND OTHER LAND USE DISPOSITIONS

The following information has been updated from the most current provincial government database. Where applicable, "N/A" indicates the information was 'not available' in this database (confidentiality laws) nor was available via data searches or public consultations. Rovers will be dispatched to search the area for transient activity when required.

#### **Land Use Disposition Types**

<b>FDL</b>	Farm Development Lease	<b>GRP</b>	Grazing Permit	<b>GRL</b>	Grazing Lease
<b>FGL</b>	Forestry Grazing License	<b>GRR</b>	Provincial Grazing Reserve		

REGISTERED AREA	CONTACT NAME	CONTACT NUMBER	COMMENTS / NOTES



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### 4.9 FOREST MANAGEMENT AREA(S)

REGISTERED AREA	CONTACT NAME	CONTACT NUMBER	COMMENTS / NOTES

### 4.10 FIRST NATIONS / INDIGENOUS NATIONS

All direct communication on behalf of Canadian Natural with First Nations / Indigenous Nations will be undertaken by the applicable Surface Landman.

FIRST NATIONS COMMUNITY / SETTLEMENT			
NAME	CONTACT	TELEPHONE NUMBER	DESCRIPTION
There are no known First Nations dwellings / communities located within or immediately adjacent to the EPZ.			

LOCAL INDIGENOUS NATION / BAND			
NAME	CONTACT	TELEPHONE NUMBER	DESCRIPTION



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## SECTION 5: GATHERING SYSTEM INFORMATION

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## 5 GATHERING SYSTEM INFORMATION

### 5.1 FACILITY, PIPELINE AND WELL INFORMATION

#### 5.1.1 ASSET LIST LEGEND

GENERAL		SUBSTANCE / SUB		STATUS / STAT		FROM FACILITY (FAC) / TO FACILITY (FAC)	
<b>LICENSE</b>	License Number	<b>OE</b>	Oil Effluent	<b>A</b>	Active ( <i>Facilities</i> )	<b>PL</b>	Pipeline
<b>LINE</b>	Line Number	<b>FG</b>	Fuel Gas	<b>O</b>	Operational	<b>WE</b>	Well
<b>OD</b>	Outer Diameter (mm)	<b>NG</b>	Natural Gas	<b>P</b>	To Be Constructed	<b>GP</b>	Gas Processing Plant
<b>WT</b>	Wall Thickness (mm)	<b>SW</b>	Salt Water	<b>D</b>	Discontinued	<b>IP</b>	Injection / Disposal Facility
<b>MOP</b>	Max Operating Pressure (kPa)	<b>LV</b>	Low Vapour Pressure Products	<b>S</b>	Suspended	<b>RI</b>	River
<b>LENGTH</b>	Length of Segment (km)	<b>CO</b>	Crude Oil	<b>U</b>	Unknown ( <i>Facilities</i> )	<b>LA</b>	Lake
<b>H<sub>2</sub>S</b>	Licensed Hydrogen Sulphide (mol / kmol)	<b>FW</b>	Fresh Water			<b>S</b>	Satellite
<b>REL VOL</b>	Total H <sub>2</sub> S Volume Between ESDs (m <sup>3</sup> )	<b>SG</b>	Sour Gas			<b>CK</b>	Creek
<b>IIZ</b>	Initial Isolation Zone (km) – ( <i>AB only</i> )	<b>H<sub>2</sub>S CONVERSION:</b> 1% = 10 mol / kmol = 10,000 ppm				<b>BE</b>	Blind End
<b>SET EPZ</b>	Emergency Planning Zone (m)					<b>B</b>	Battery
<b>ESD</b>	Emergency Shut Down Valve					<b>CS</b>	Compressor Station
<b>CV</b>	Check Valve					<b>MS</b>	Meter Station
<b>ROW</b>	Right of Way						

## 5.2 SHEKILIE / PESH CREEK

### 5.2.1 FACILITY SUMMARY

FACILITY NAME	Shekilie
FACILITY TYPE	
FACILITY CODE	
LEGAL DESCRIPTION	
FACILITY DESCRIPTION	The Shekilie pipeline is shut-in at this time
FACILITY NAME	Pesh Creek
FACILITY TYPE	
FACILITY CODE	
LEGAL DESCRIPTION	
FACILITY DESCRIPTION	The Pesh Creek pipeline is shut-in at this time.

### 5.2.2 EMERGENCY CONTROL SYSTEMS

TYPE	NTS LOCATION	LAT <small>(Decimal Degrees)</small>	LONG <small>(Decimal Degrees)</small>	EASTING <small>(UTM NAD 83)</small>	NORTHING <small>(UTM NAD 83)</small>	UTM ZONE	NOTES
<b>BRITISH COLUMBIA</b>							
ESD / Block Valve							West side of compressor shuts in all flow
ESD / Block Valve							Gas plant

TYPE	LOCATION	NOTES
<b>ALBERTA</b>		
ESD / Block Valve		
ESD / Block Valve		

### 5.2.3 FACILITY RELEASE RATES AND EMERGENCY PLANNING ZONES

**NOTES:**     • No facility information required for this plan

### 5.2.4 PIPELINE RELEASE VOLUMES AND EMERGENCY PLANNING ZONES

#### CER REGULATED PIPELINES:

For any emergency involving CER regulated pipelines, contact Transportation Safety Board (TSB) first – they will contact the CER. Contact the applicable provincial authorities with a courtesy call. Refer to TSB / CER contact information / reporting requirements in Section 3.9 Federal Government Contacts.

Provincial LICENSE --- CER Order Number	Line	Licensee	Sub	Stat	From Location	From (Fac)	To Location	To (Fac)	OD (mm)	WT (mm)	MOP (kPa)	H <sub>2</sub> S (mol / kmol)	Length (km)	H <sub>2</sub> S Rel Vol (m <sup>3</sup> )	Set EPZ (m)
															980
															980
															980

### 5.2.5 WELL RELEASE RATES AND EMERGENCY PLANNING ZONES

**NOTES:** • No well information required for this plan



# EMERGENCY RESPONSE PLAN

## HELMET FIELD

Revision 0-0 | April 3, 2025

24-Hour Emergency 1-888-878-3700

## SECTION 6: MAPS & PUBLIC INFORMATION PACKAGE

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## 6 MAPS & PUBLIC INFORMATION PACKAGE

### 6.1 SITE SPECIFIC ERP MAP

An area map showing the gathering system and facilities, surface development (roads, petroleum facilities, petroleum operators and industrial camps, trappers and guide outfitter cabins, as well as known public facilities / areas where the public may gather on a regular basis) within the Emergency Planning Zone (EPZ) and the surrounding area is included within this section.

If applicable, calculated EPZs for production assets are identified on the map as “yellow” shaded areas.

A pre-determined Environmental Emergency (E2) worst case scenario EPZs are identified on the map as the “pink” shaded areas if applicable.

### 6.2 PUBLIC INFORMATION PACKAGE

A Public Information Package will only be included if assets located in British Columbia have been incorporated into this Site Specific ERP. The following stakeholders who are impacted by an Emergency Planning Zone have been offered an information package as part of the consultation process if applicable:

- Local Indigenous Nation(s)
- Residents / Businesses
- Public Facilities
- Local Airport Operators
- Registered Trappers / Guide Outfitters
- Grazing Lease Holders
- Grazing Reserves
- Forestry Management Areas
- Rights Holders