



**Canadian Natural**

CANADIAN NATURAL RESOURCES LIMITED

## **SHEKILIE / PESH CREEK**

### **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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**April 1, 2022**

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

**1-888-878-3700**

### AMENDMENT PROTOCOL

Annual updates are indicated by a consecutive 'revision' number dash zero (e.g. 7-0) while major revisions requiring a distribution will trigger a consecutive number change (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:  

*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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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)
2022/04/01 <span style="background-color: #cccccc; padding: 0 20px;"> </span>	14-0	<ul style="list-style-type: none"> <li>Reviewed and updated gathering system and contact information where applicable</li> </ul>	Y		
2021/03/31 <span style="background-color: #cccccc; padding: 0 20px;"> </span>	13-0	<ul style="list-style-type: none"> <li>Revised using new template</li> <li>All information reviewed</li> <li>Maps revised and updated</li> </ul>	Y		
2020/03/31 <span style="background-color: #cccccc; padding: 0 20px;"> </span>	12-0	<ul style="list-style-type: none"> <li>All information reviewed and revised as necessary</li> </ul>	Y		
2019/03/29 <span style="background-color: #cccccc; padding: 0 20px;"> </span>	11-0	<ul style="list-style-type: none"> <li>Pesh Creek information added to ERP</li> <li>All information reviewed and revised as necessary</li> </ul>	Y		
2018/03/29 <span style="background-color: #cccccc; padding: 0 20px;"> </span>	10-0	<ul style="list-style-type: none"> <li>All information reviewed and revised as necessary</li> </ul>	Y		
2017/03/31	9-0	<ul style="list-style-type: none"> <li>Added All Hazards Table</li> </ul>	Y		
2016/03/31	8-0	<ul style="list-style-type: none"> <li>Added All Hazards Table</li> </ul>	Y		
2015/04/01	7-1	<ul style="list-style-type: none"> <li>Revised to NEB 2015/03/26 Guidelines</li> </ul>	Y		

The Shekilie / Pesh Creek ERP is Supplemental to Canadian Natural's Corporate (Core) ERP and covers the following:

AREA NAME	LOCATION	DESCRIPTION	REGULATOR ERP ID
Shekilie		Compressor Station – <i>Rendered Safe and shut in</i>	BC OGC ERP ID:
Shekilie		Shut-In CER pipeline	
Pesh Creek		CER regulated pipeline	

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### ALL HAZARDS IDENTIFICATION TABLE

Completed By: Area Field Operations & Emergency Management Tech

POTENTIAL HAZARD	HAZARD IMPACTS:				RANK HAZARD IMPACT (Low / Med / High)	MITIGATION MEASURES AVAILABLE / NEEDED (Fundamental Reference Materials: SMS Section 22 / Safety Data Sheets (SDS) / ERP Manual / Emergency Response Guide / Guide to Safety & Compliance / First Responder's Guide / Site-Specific Drilling Plans / Asset Integrity Pipeline Maintenance Manual and Management Systems)	
	PUBLIC	ENVIRONMENT		COMPANY ASSETS		CONTROLS / EQUIPMENT / RESOURCES	
		LAND USE AREAS	WILDLIFE / LIVESTOCK				
<input type="checkbox"/> Hydrogen Sulphide (H <sub>2</sub> S) Release						<input type="checkbox"/> Personal Gas Monitor <input type="checkbox"/> Portable Gas Detector <input type="checkbox"/> SCBA <input type="checkbox"/> SABA <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"/> Roadblock Kit(s) <input 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>						<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, wheeled extinguishers <input type="checkbox"/> Other:	



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	PUBLIC	ENVIRONMENT		COMPANY ASSETS		CONTROLS / EQUIPMENT / RESOURCES	
		LAND USE AREAS	WILDLIFE / LIVESTOCK			ACTIVE MITIGATIONS	
<div>Large Chemical Storage Hazards (CEPA – E2)</div> <div><input type="checkbox"/> <i>(large active storage vessels for NGLs, LPGs, LNGs, condensate, crude oil, hydrochloric acid, pentanes, etc.)</i></div>						<div><input type="checkbox"/> Firefighting Equipment – e.g. shovels, axes, picks, water packs, wheeled extinguishers</div> <div><input type="checkbox"/> Fire Extinguishers</div> <div><input type="checkbox"/> Industrial Firefighters</div> <div><input type="checkbox"/> Roadblock Kit(s)</div> <div><input type="checkbox"/> Communication Plans – Public / Media</div> <div><input type="checkbox"/> Ignition Resources – Equipment</div> <div><input type="checkbox"/> Ignition Resources – Service Provider</div> <div><input type="checkbox"/> Evacuation Zone</div> <div><input type="checkbox"/> Evacuation Procedures</div> <div><input type="checkbox"/> ESD (Automatic Valves) Procedures</div> <div><input type="checkbox"/> SCADA ESD</div>	
						<div><b>PASSIVE MITIGATIONS</b></div> <div><input type="checkbox"/> Secondary Containment – earth berms, dikes</div> <div><input type="checkbox"/> Separator / Surface Water Collection System</div> <div><input type="checkbox"/> Vessel Protection Systems – PSVs, high level alarm</div>	
<div>Petroleum Release / Spill</div> <div><input checked="" type="checkbox"/> <i>(on land or in water, includes all types of petroleum spills, gas releases, flammable vapours releases)</i></div>	Yes (Trappers)	YES	YES	YES	Low	<div><input checked="" type="checkbox"/> SCADA ESD</div> <div><input checked="" type="checkbox"/> CiNQ – Environment Conventional – Thermal Intranet Site: spill reporting procedures / docs</div> <div><input checked="" type="checkbox"/> TDG / LPG Emergency Responsibilities (Guideline 10, Corporate ERP)</div> <div><input checked="" type="checkbox"/> WCSS / Other Spill Cooperative Manual</div> <div><input checked="" type="checkbox"/> WCSS / Other Water Control Point Location(s)</div> <div><input type="checkbox"/> Boom(s)</div> <div><input checked="" type="checkbox"/> Absorbent Material</div> <div><input checked="" type="checkbox"/> Roadblock Kit(s)</div> <div><input checked="" type="checkbox"/> Proper PPE</div> <div><input checked="" type="checkbox"/> Communication Plans – Public / Media</div> <div><input type="checkbox"/> Other:</div>	





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	PUBLIC	ENVIRONMENT		COMPANY ASSETS		CONTROLS / EQUIPMENT / RESOURCES	
		LAND USE AREAS	WILDLIFE / LIVESTOCK				
<input checked="" type="checkbox"/> Asset Fire	Yes (Trappers)	YES	YES	YES	Low	<input type="checkbox"/> Firefighting Equipment – e.g. shovels, axes, picks, water packs, wheeled extinguishers	<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 <i>(municipal / provincial jurisdiction)</i>	n/a <i>(municipal / provincial jurisdiction)</i>	n/a <i>(municipal / provincial jurisdiction)</i>	YES	High <i>(SMS Procedure 22.06 )</i>	<input checked="" type="checkbox"/> ESD Procedures	<input checked="" type="checkbox"/> Firefighting Equipment – e.g. shovels, axes, picks, water packs, wheeled extinguishers
						<input checked="" type="checkbox"/> Fire Extinguishers	<input 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 <i>(at ERP's main facilities)</i>	n/a <i>(hazards contained within lease boundaries)</i>	n/a <i>(hazards contained within lease boundaries)</i>	n/a <i>(hazards contained within lease boundaries)</i>	YES	Low	<input checked="" type="checkbox"/> Spill Reporting Procedures	<input checked="" type="checkbox"/> SDS – accessible via online database, EOC, District offices
						<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: Storage, Handling, Use / Disposal of Harmful Substances	
<input checked="" type="checkbox"/> Company Facility Isolation <i>(if access roads closed)</i>	n/a <i>(not EPZ related)</i>	n/a <i>(not EPZ related)</i>	n/a <i>(not EPZ related)</i>	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 type="checkbox"/> Other:	



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	PUBLIC	ENVIRONMENT		COMPANY ASSETS		CONTROLS / EQUIPMENT / RESOURCES	
		LAND USE	WILDLIFE / LIVESTOCK				
<input checked="" type="checkbox"/> Communications Failure	n/a (not EPZ related)	n/a (not EPZ related)	n/a (not EPZ related)	YES	Low	<input 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 (not EPZ related)	n/a (not EPZ related)	n/a (not EPZ related)	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 (not EPZ related)	n/a (not EPZ related)	n/a (not EPZ related)	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 (not EPZ related)	n/a (not EPZ related)	n/a (not EPZ related)	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 (not EPZ related)	n/a (not EPZ related)	n/a (not EPZ related)	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"/>

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### 1 SITE-SPECIFIC DISTRIBUTION LIST

#### 1.1 INTERNAL COPIES

COPY	RECIPIENT	POSITION	LOCATION	CONFIDENTIAL INFORMATION INCLUDED (✓)
1		Foreman	Fort Nelson Office	✓
2		Assistant Foreman	Helmet Office	✓
3		Assistant Foreman	Helmet Office	✓
4		Area Superintendent	Fort St. John Office	✓
Electronic (CiNQ) / ERP Maps		Manager, Fort St. John Field Operations	Fort St. John Office	
Electronic (CiNQ)		Safety & Compliance Coordinator	Fort St. John Office	
5		Area Landman	Fort St. John Office	✓
6	Shekilie Compressor	Facility		
7	Emergency Response Mobile Cart		Calgary Office	✓
8	Calgary Emergency Operations Centre (EOC)		Calgary Office BHE 26002	✓
*	ERP Map(s) for Roadblock Kit(s)		Base Camp	



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## 1.2 EXTERNAL COPIES

COPY #	RECIPIENT	ORGANIZATION	LOCATION
Email	Secretary of the Board cc Emergency Management & Security Program Support	Canada Energy Regulator	cc: [REDACTED]
9	CER – Hard Copy		517 – 10 <sup>th</sup> Avenue SW Calgary, AB T2R 0A8
CD	CER		
10	Emergency Response and Safety Inspector	British Columbia Oil and Gas Commission	6534 Airport Road Fort St. John BC V1J 4M6
eSubmission	British Columbia Oil and Gas Commission	British Columbia Oil and Gas Commission	[REDACTED]
Email	Emergency Program Coordinator	Northern Rockies Regional Municipality	[REDACTED]
Email	[REDACTED]	Mackenzie County	[REDACTED]
Email	North Zone Manager, Environmental Public Health	AHS – North Zone	[REDACTED]
CD	<i>Electronic copy on CD</i>		
eSubmission	<i>Electronic copy submitted via British Columbia Oil and Gas Commission's online submission portal</i>		
Email	<i>Electronic copy provided by email</i>		

**EXTERNAL ERP DISTRIBUTION DISCLAIMER:**

Site-Specific ERPs are forwarded electronically while the Corporate ERP can be found on our website here:  
<https://www.cnrl.com/corporate-responsibility/health-and-safety/emergency-management>

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

<b>FACILITY LOCATION</b>	Shekilie [REDACTED]	
<b>PHONE NUMBERS</b>	<b>NUMBER</b>	<b>DESCRIPTION</b>
	N/A	Office
	[REDACTED]	Control Room

<b>DISTRICT OFFICE LOCATION</b>	Fort St. John	
<b>PHONE NUMBERS</b>	<b>NUMBER</b>	<b>DESCRIPTION</b>
	250-785-3085	Office
	250-785-3055	Fax
	250-263-2019	On-Call Phone

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

<b>OFFICE LOCATION</b>	Fort St. John District Office	
<b>STREET ADDRESS</b>	6744 Airport Road Fort St. John BC V1J 4H9	
<b>MAILING ADDRESS</b>	Same as above	
<b>PHONE NUMBERS</b>	250-785-3085	Office
	250-785-3055	Fax
	250-263-2019	On-Call Phone

#### 2.1.3 SAFE LOCATIONS

<b>NAME</b>	<b>LOCATION</b>
<b>On-Site Safe Location (Muster Area):</b>	Upwind side of incident
<b>Off-Site Safe Location (Staging Area):</b>	To be determined at time of incident

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### 2.1.4 GENERAL LAND USE AND POPULATION DENSITY

Local Municipality		Northern Rockies Regional Municipality (BC) Mackenzie County (AB)
Area Land Use		Agriculture, Forestry, Tourism and Oil and Gas Operations
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
3	Trappers / Guide Outfitters	See Section 4
0	Grazing Leases / Reserves	N/A, See Section 4
0	Forest Management Areas	N/A, See Section 4
2	First Nations	See Section 4
0	Lakes / Rivers	
0	Public Highways	
0	Other (Railway, logging, etc.)	

### 2.1.5 EMERGENCY & ROADBLOCK EQUIPMENT

#### 2.1.5.1 Emergency Equipment

TYPE	QUANTITY	LOCATION / NOTES
Burn Kit		
Eye Wash Station – 1 litre bottle		
Eye Wash Station – 15 min flow		
First Aid Kit		
First Aid Room		
First Aid Station		
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)		
Handheld Fire Extinguisher		
Ignition Equipment		
Personal Gas Monitor	1	Each operator has one
Portable Gas Detector	1	Each Operator has one
Portable Spill Response Kit		
Self-Contained Breathing Apparatus (SCBA)		
Spill Response Trailer	1	16ft spill response trailer located at FSJ Office
Supplied Air Breathing Apparatus (SABA)		
Wheeled Fire Extinguisher (150 - 300 lb)		



### 2.1.5.2 Roadblock (EPZ Isolation) Equipment

Roadblock locations will be determined at the time of an incident. 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)	1	Roadblock Kit stored at: ➤ Base <span style="background-color: #cccccc; display: inline-block; width: 80px; height: 1.2em; vertical-align: middle;"></span>

### 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

##### Northern Rockies Regional Municipality - BC

*Consulted February 9, 2022 via email with* [REDACTED]

- 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.

##### Mackenzie County - AB

*Consulted November 21, 2019 email with* [REDACTED]

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

Alberta Health Services – North Zone

Consulted October 6, 2021 via email with [REDACTED]

#### 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 EPH 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 resources permit.
- 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.
- In consultation with the Zone Medical Officer of Health (MOH) provide guidance to stakeholders on substances that may affect public health, including Alberta Health and Wellness 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)

##### Health Emergency Management British Columbia (HEM BC) / Northern Health (NH)

Consulted October 20, 2021 via email with [REDACTED]

##### 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

### 2.1.6.3 Mutual Aid

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.

### Operated Third Party Assets

In an emergency involving another licensee whose assets are operated by Canadian Natural, Canadian Natural would provide First Responder actions, with an immediate notification to these well or pipeline licensees to activate their ERP:

OPERATOR	ERP NAME	EMERGENCY NUMBER

### 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, the licensee will have their own ERP and would be responsible for emergency response actions involving their assets.

OPERATOR	ERP NAME	EMERGENCY NUMBER

### 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 Fort Nelson

- 
- 
- 
- 
- 

#### 2.1.7.2 Proximity To Nearest Urban Centre

- 

#### 2.1.7.3 Latitude and Longitude Coordinates

FACILITY	LATITUDE (N)	LONGITUDE (W)



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## 2.2 EMERGENCY DETECTION, NOTIFICATION AND CONFIRMATION SYSTEMS

PRESENT AT 	TYPE	DESCRIPTION
Y	24-Hour Emergency Telephone 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.
Y	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	Alarm and 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	Aerial Surveillance	Pipelines may be surveyed on a regular basis to detect leaks.
Y	Landowner Complaint System	Landowners with concerns, or who have identified potential problems, can call the facility directly or the 24-hour emergency number.
Y	Operator Inspections	Operators do regular inspections of pipelines, wells and facilities and will report any abnormality they detect.
N	24-Hour Manned Stations	Some Canadian Natural facilities are monitored 24 hours a day.
Y	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	<b>Gas Monitors – Handheld</b>	Canadian Natural personnel are equipped with personal H <sub>2</sub> S / LEL monitors for early detection.
Y	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.
Y	Fire Detection Equipment	An ultraviolet fire detection system, “Fire Eyes,” may be installed throughout facilities.
Y	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.

## 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
<b>Cell Phone</b>	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.
<b>Two-Way Radios</b>	Two-way radios are installed in all operator trucks with base radios in the office. If more portable radios are required, contact service providers listed in Contract Services – Communications Rental Equipment.
<b>Land Line</b>	There are no land lines at the facility

### 2.3.2 RADIO FREQUENCIES

NAME	RECEIVE NUMBER	TRANSMIT NUMBER

## 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			
Assistant Foreman			
Operations Superintendent			
Area Safety & Compliance Coordinator			
Environmental Field Coordinator			
Surface Landman			
Manager, Corporate Safety & Emergency Mgmt			
Emergency Management Lead			
Manager, Fort St. John Field Operations			
VP, West Field Operations			
Calgary EOC - Bankers Hall East (BHE)	Room 26002	N/A	



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

NAME	LOCATION	TELEPHONE	
BRITISH COLUMBIA			
FOR CER PIPELINE INCIDENTS, CALL:  Transportation Safety Board (TSB) *TSB will contact CER  See Forms & Guidelines section, Corporate ERP: <u>Guideline 8: CER Event Reporting Guidelines</u>  NOTE: CER = Canada Energy Regulator OERS = CER's Online Event Reporting System	For “Immediately Reportable Events” within three (3) hours of discovery: a) call TSB 24-Hour Reporting Hotline and b) report via OERS	24-Hour	1-819-997-7887
		https://apps.cer-rec.gc.ca/ers	
		For all other events, within 24 hours of discovery: a) report via OERS  If OERS is unavailable, report by calling TSB 24-Hour Reporting Hotline	https://apps.cer-rec.gc.ca/ers
Emergency Management BC (EMBC) EMBC will contact BC Oil & Gas Commission (OGC) Use this number to also verbally report an Environmental Emergency (E2) ----- • Written notice (Schedule 8) made via SWIM * ASAP by Environmental Coordinator • Environment Canada notified by EMBC	Province-Wide	For all emergencies 24-Hour Incident Reporting	1-800-663-3456
		* For E2 Emergency Reporting only: Single Window Information Management (SWIM) https://ec.ss.ec.gc.ca	
Northern Rockies Regional Municipality	Fort Nelson BC	24-Hour Emergency	250-774-2222
Health Emergency Management BC (HEMBC)	Northern BC	24-Hour Emergency On-Call	
		Non-emergency inquiries only (HEMBC Director)	
RCMP	Fort St. John BC	24-Hour	9-1-1



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NAME	LOCATION	TELEPHONE	
ALBERTA			
FOR CER PIPELINE INCIDENTS, CALL:  Transportation Safety Board (TSB) *TSB will contact CER  <i>See Forms &amp; Guidelines section, Corporate ERP: Guideline 8: CER Event Reporting Guidelines</i>  NOTE: CER = Canada Energy Regulator OERS = CER's Online Event Reporting System	For "Immediately Reportable Events" within three (3) hours of discovery: a) call TSB 24-Hour Reporting Hotline and b) report via OERS	24-Hour	1-819-997-7887
		https://apps.cer-rec.gc.ca/ers	
	For all other events, within 24 hours of discovery: a) report via OERS  If OERS is unavailable, report by calling TSB 24-Hour Reporting Hotline	https://apps.cer-rec.gc.ca/ers	
Energy & Environmental Response Line <i>Alberta Environment / Alberta Energy Regulator (AER)</i>  Use this number to also verbally report an Environmental Emergency (E2)  ----- <ul style="list-style-type: none"><li>Written notice (Schedule 8) made via SWIM * ASAP by Environmental Coordinator</li><li>Environment Canada notified by EMBC</li></ul>	Province-Wide	For all emergencies 24-Hour Incident Reporting	
		1-800-222-6514	
		* For E2 Emergency Reporting only: <i>Single Window Information Management (SWIM)</i> https://ec.ss.ec.gc.ca	
Mackenzie County	Fort Vermillion AB	24-Hour	1-888-511-6323
Alberta Health Services * Ask for Environmental Public Health On Call	Province-Wide	24-Hour	
		Email	
RCMP: Chateh Detachment	Province Wide		9-1-1



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## 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	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 OGC 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 / roadblock locations; request presence	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 \*\***



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## 3.5 PROVINCIAL GOVERNMENT CONTACTS

NAME	LOCATION	TELEPHONE	
BRITISH COLUMBIA			
<b>Emergency Management BC (EMBC)</b> <i>EMBC will contact BC Oil and Gas Commission (OGC)</i>  <i>For E2 emergencies, call and written report* required</i>		<b>For all emergencies</b> <b>24-Hour Incident Reporting</b>	<b>1-800-663-3456</b>
		<b>* For E2 Emergency Reporting only:</b> <i>Single Window Information Management (SWIM)</i> <b>https://ec.ss.ec.gc.ca</b>	
Forests, Lands, Natural Resource Operations & Rural Development (LNRORD), Ministry of <i>Natural Resource Districts</i>	Fort Nelson NRD	Fort Nelson Office	250 774-5511
	Peace NRD	Dawson Creek Office	250-784-1200
Health Emergency Management BC (HEMBC) Non-emergency inquiries only ( <i>HEMBC Director</i> ) <div></div>	Northern BC	24-Hour Emergency On Call	<div></div>
Highway Maintenance Service Area 21 – South Peace <i>Argo Road Maintenance (South Peace) Inc.</i>	Dawson Creek / Pouce Coupe BC	Emergency	1-800-663-7623
		Road & Weather Conditions: <a href="http://www.drivebc.ca">www.drivebc.ca</a>	
Highway Maintenance Service Area 22 – North Peace <i>Dawson Road Maintenance Ltd.</i>	Fort St. John BC	Emergency	1-800-842-4122
		Road & Weather Conditions: <a href="http://www.drivebc.ca">www.drivebc.ca</a>	
Report a Wildfire	Province-Wide	24-Hour	1-800-663-5555
		Cell (Telus)	*5555
Report All Poachers and Polluters (RAPP)	Province-Wide	24-Hour	1-877-952-7277
		Cell (Telus)	*7277
WorkSafeBC <i>(Area Safety &amp; Compliance Coordinator only)</i>	Province-Wide	Worksite Emergency 24-Hour	1-888-621-7233



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NAME	LOCATION	TELEPHONE	
ALBERTA			
Alberta EDGE – Center for TDG <i>(Environmental and Dangerous Goods Emergencies)</i>	Province-Wide	24-Hour	1-800-272-9600
Alberta Emergency Management Agency (AEMA) <i>Provincial Operations Centre (POC)</i>	Province-Wide	24-Hour	1-866-618-2362
Alberta Energy Regulator (AER) <i>* notify when blocking petroleum development and / or forestry roads</i>	Energy & Environmental Emergency or Complaint	24- Hour	1-800-222-6514
Alberta Environment and Parks <i>* notify when blocking roads through or adjacent to Crown Land</i>			
Alberta Environment & Parks <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)
Alberta Health Services <i>* Ask for Environmental Public Health On Call</i>	Province-Wide	24-Hour	
		Email	
Alberta Transportation <i>Provincial Highway Road Closures Support</i> 1. call 9-1-1 / RCMP 2. call nearest Region / District Office  <i>Highway maintenance contractors are responsible for maintenance activities including highway patrolling and emergency duties</i>  <i>Road&amp; Weather Conditions:</i> 511.alberta.ca	Athabasca, Edson, Fort McMurray, Stony Plain District Offices	Stony Plain	780-963-5711
	Calgary District Office	Calgary	403 297-6311
	Grande Prairie District Office	Grande Prairie	780 538-5310
	Hanna District Office	Hanna	403 854-5550
	Lethbridge District Office	Lethbridge	403 381-5426
	Peace Region Office	Peace River	780 624-6280
	Red Deer District Office	Red Deer	403 340-5166
	Vermilion District Office	Vermilion	780 853-8178
Occupational Health & Safety <i>(Area Safety &amp; Compliance Coordinator only)</i>	Province-Wide	24-Hour	1-866-415-8690
Workers' Compensation Board	Province-Wide	24-Hour	1-866-922-9221



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## 3.6 EMERGENCY SERVICE NUMBERS

SERVICE	LOCATION	TELEPHONE NUMBER	
BRITISH COLUMBIA			
RCMP	Fort Nelson BC	24-Hour	9-1-1
		Office	250-774-2777
Hospital	Fort Nelson General Hospital	24-Hour	250-774-8100
British Columbia Ambulance Service	Province-Wide	Emergency	9-1-1
		Toll Free	1-800-461-9911
		Cell/ SAT Phone/ Outside BC	250-374-5937
Fire Department	Fort Nelson BC	24-Hour	9-1-1
		Office	250-774-2222
ALBERTA		ALL EMERGENCY SERVICES CALL 9-1-1	
RCMP	Chateh AB	24-Hour	780-321-3835
Hospital	High Level AB	24-Hour	780-926-3791
Ambulance	High Level AB	Office	780-926-2166
Fire Department	High Level AB	Office	780-821-4016

## 3.7 TDG / LPG EMERGENCY NUMBERS

NAME	CONTACT	TELEPHONE NUMBER
<b>FOR TDG EMERGENCIES</b> <b><i>Operations to contact ERAC only if carrier driver is unable to contact supervisor</i></b> 1) Carrier is responsible for contacting ERAC 2) ERAC will contact company on call contacts (Safety Leads) for ERAP activation 3) ERAC will notify and report to Transport Canada		
<b>For Emergencies involving CNRL Propane &amp; Butane</b> Emergency Response Assistance Canada (ERAC) Canadian Natural ERAP Number: <div></div>	24-Hour	1-800-265-0212
<b>For TDG emergencies other than CNRL Product - contact ERAC</b>	24-Hour	1-800-265-0212
<b>For Information Only:</b> CANUTEC	Toll free	1 888 226-8832
	Call Collect	613 996-6666
	Cell	*666

## 3.8 MUNICIPAL GOVERNMENT CONTACTS

NAME	LOCATION	TELEPHONE NUMBER	
Northern Rockies Regional Municipality	Fort Nelson BC	24-Hour	250-774-2222
Mackenzie County	Fort Vermillion AB	24-Hour	1-888-511-6323





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## 3.9 FEDERAL GOVERNMENT CONTACTS

NAME	LOCATION	CONTACT INFORMATION	
FOR CER PIPELINE INCIDENTS, CALL:  Transportation Safety Board (TSB) *TSB will contact CER  <i>See Forms &amp; Guidelines section, Corp ERP: Guideline 8: CER Event Reporting Guidelines</i>  NOTE: CER = Canada Energy Regulator OERS = CER's Online Event Reporting System	For "Immediately Reportable Events" within three (3) hours of discovery: 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>	https://apps.cer-rec.gc.ca/ers	
		https://apps.cer-rec.gc.ca/ers	
Environment Canada	* will be notified by respective provincial govt agency – see Section 3.2		
Fisheries & Ocean Canada <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
Health Canada Department of Indigenous Services Canada, Environmental Public Health Services First Nations & Inuit Health Branch <i>For emergencies impacting First Nations and Indigenous communities (see Section 4)</i>	BC – FNIH First Nations Health Authority	Main	1-866-913-0033
	BC – EMBC (fanout)	24-Hour	1-800-663-3456
	AB - Environmental Health Officer (EHO)	24-Hour	780-719-8782
Indigenous Services Canada (ISC) Aboriginal Affairs & Northern Development Canada	Toronto Office	Toll Free	1-800-567-9604
NAV Canada – Flight Info Centre (FIC) <i>To issue a NOTAM, have ready (if possible):</i> - GPS coordinates, height, time frame	Nation wide	Toll Free Call Centre	1-866-992-7433



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## 3.10 CONTRACT SERVICES

COMPANY	LOCATION	TELEPHONE NUMBER	
3.10.1 AIR QUALITY MONITORING (MOBILE)			
Emergency Management BC/ British Columbia Oil and Gas Commission <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 contract services are available)</i>	Province-Wide, AB	24-Hour	1-800-222-6514
Brogan Safety - SO <sub>2</sub> monitors	Dawson Creek, Fort St. John, Grande Prairie, Whitecourt	Fort St. John	250-787-2114
		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
Trojan Safety Services	BC, AB, SK	24-Hour	250-785-9557
3.10.2 AIRCRAFT (FIXED WING) CHARTERS		CONTACT CORPORATE TRAVEL	
3.10.3 COMMUNICATIONS RENTAL EQUIPMENT			
Earth Communications	Fort Nelson BC	1-877-560-3276 earth-communications.com	
Metis Nation Communications	Fort Nelson BC	250-500-1308 metisnationcomm.ca	
3.10.4 DRONE / UAV OPERATORS <i>(Alphabetically by location)</i>			
Alberta Drone Services	Bonnyville, AB	780-201-3737	
Hummingbird Drones	Fort St. John, BC	250-857-5411 info@hummingbirddrones.ca	
Infinity Drones Inc	Fort St. John, BC	250-787-5110 infinitydronesinc.com	
Nortech Advanced NDT	Fort Nelson Fort St. John, BC	780 380-9888 nortechadvanced.com	
Roy Northern Land and Environmental	Fairview, AB Fort St. John, BC	780-835-2682 roynorthern.com 250-261-6644	
Northern Drone Services	Fort St. John, BC	250-719-7469 northerndrone.ca	
Phoenix Heli-Flight	Fort St. John, BC	780-799-0141 phoenixheliflight.com/services/drones/	
3.10.5 FRESH WATER SUPPLIERS			
3.10.6 HELICOPTERS			
Bailey Helicopters	Fort Nelson Fort St. John (Head Office)	Toll Free	1-877-822-2245

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COMPANY	LOCATION	TELEPHONE NUMBER	
Canadian Helicopters	Edmonton, Fort McMurray, Fort Nelson, Fort St. John, Grande Prairie, Norman Wells	24 Hours Emergency – Western Canada	780-429-6900
Qwest Helicopters	Fort Nelson, Fort St. John	24-Hour	250-787-5157
Yellowhead Helicopters	Fort St. John, BC Prince George (Ops Centre)	24-Hour	250-785-2331
3.10.7 SAFETY SERVICES			
Brogan Safety - SO <sub>2</sub> monitors, etc	Dawson Creek, Fort St. John, Grande Prairie, Whitecourt	Fort St. John	250-787-2114
		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	250-785-9557
United Safety Ltd.	BC, AB	24-Hour	1-800-432-1809
3.10.8 SPILL RESPONSE EQUIPMENT			
Clean Harbors	North America	24-Hour	1-800-645-8265
EnviroHazmat Emergency Response	BC, AB	24-Hour	1-866-249-7583
Gen7 Environmental Solutions	AB, SK	24-Hour	780-542-3676
GFL Environmental	North America	24-Hour	1-866-417-2797
North Shore Environmental Consultants	BC, AB, SK	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
		Terrace	250-635-6973
SWAT Consulting	Canada-wide	24-Hour	1-866-610-7928
Western Canadian Spill Services (WCSS)	See WCSS section		
3.10.9 WELL BLOWOUT CONTROL			
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>3.10.10 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>			
James Barnhill, Husky Energy <b>Coop Custodian</b>	Box 30 Rainbow Lake, AB T0H 2Y0	Office	780-956-8052
		Cell	780-956-1814
Bruce Muzichuk, Muzzy’s Contracting <b>Regional Custodian</b>	1072 Aspen Drive Zama City, AB	24 Hour	780-926-9797
<b>COOP “9”</b>			
Shawn Doré <b>Regional Custodian</b>	Clean Harbors Production Services 6715 – 85 <sup>th</sup> Avenue Fort St. John, BC V1J 4J3	Office	250-785-4577
		Cell	250-261-9404
Troyer Ventures Ltd. <b>Coop Custodian</b>	4850-46 Avenue Fort St. John, 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)

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

### 4.2 RECEPTION CENTRE(S)

Reception Centres have been pre-arranged as noted below. The Reception Centre chosen to send residents to will be dependent on the site of the emergency and which route is the safest for evacuating residents out of the Emergency Planning Zone.

RECEPTION CENTRE	LOCATION	TELEPHONE NUMBER	
Lakeview Inn & Suites	4507-50 Avenue S Fort Nelson BC V0C 1R0	Office	250-233-5001
Noralta Motor inn	101 Rainbow Drive Rainbow Lake AB T0H 2Y0	Office	780-956-5665

### 4.3 RESIDENT INFORMATION

Confidential resident information will only be included in the main responders' Emergency Response Plans at the end of this Section, if applicable.

### 4.4 BUSINESS / PUBLIC FACILITY INFORMATION

Confidential business and public facility information will only be included in the main responders' Emergency Response Plans at the end of this Section, if applicable.

### 4.5 SPECIAL CONSIDERATIONS FOR EMERGENCY RESPONSE

#### 4.5.1 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.

### 4.6 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		

### 4.7 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
N/A		



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## 4.8 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	NAME	ADDRESS	TELEPHONE NUMBER
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]
	[REDACTED]	[REDACTED]	[REDACTED]



### 4.9 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	NAME	ADDRESS	TELEPHONE NUMBER
N/A			

### 4.10 FOREST MANAGEMENT AREA(S)

REGISTERED AREA	NAME	ADDRESS	TELEPHONE NUMBER
N/A			

### 4.11 FIRST NATIONS / INDIGENOUS NATIONS

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

## SECTION 5: GATHERING SYSTEM INFORMATION

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### 5 GATHERING SYSTEM INFORMATION

#### 5.1 FACILITY INFORMATION

##### 5.1.1 FACILITY SUMMARY

<b>FACILITY NAME</b>	Shekilie
<b>FACILITY TYPE</b>	Compressor Station and CER Pipeline
<b>FACILITY CODE</b>	
<b>LEGAL DESCRIPTION</b>	
<b>FACILITY DESCRIPTION</b>	The Shekilie pipeline is shut-in at this time

<b>FACILITY NAME</b>	Pesh Creek
<b>FACILITY TYPE</b>	Gas Plant and CER Pipeline
<b>FACILITY CODE</b>	
<b>LEGAL DESCRIPTION</b>	
<b>FACILITY DESCRIPTION</b>	The Pesh Creek pipeline is shut-in at this time

##### 5.1.1 EMERGENCY CONTROL SYSTEMS

TYPE	NTS LOCATION	LAT (Decimal Degrees)	LONG (Decimal Degrees)	EASTING (UTM NAD 83)	NORTHING (UTM NAD 83)	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		



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## 5.2 FACILITY, PIPELINE AND WELL INFORMATION

### 5.2.1 FACILITY RELEASE RATES AND EMERGENCY PLANNING ZONES

LOCATION	FACILITY TYPE	FACILITY LICENSE	FACILITY CODE	SUB	STAT	H <sub>2</sub> S REL VOL (m <sup>3</sup> )	EPZ (m)	E2* EPZ (m)
	Compressor – <i>Site is Rendered safe and shut in</i>						980	N/A
	Gas Plant						980	N/A

\* "E2" = chemical storage container as defined by CEPA regulations



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### 5.2.2 PIPELINE LIST LEGEND

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

**NOTE:** Abandoned assets are not included

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### 5.2.3 PIPELINE RELEASE VOLUMES AND EMERGENCY PLANNING ZONES

**NOTES:** • Pipelines are sorted by From Location

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

**\* CER REGULATED PIPELINE:**

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.

### 5.2.4 WELL RELEASE RATES AND EMERGENCY PLANNING ZONES

**NOTES:** • NA

## SECTION 6: MAPS & PUBLIC INFORMATION PACKAGE

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6.2	PUBLIC INFORMATION PACKAGE.....	1

## 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.

If applicable, pre-determined Environmental Emergency (E2) EPZs are identified on the map as the “pink” shaded areas.

### 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:

- 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

**Map(s) Redacted – CER Order AO-001-MO-006-2016, s. 1.a.ii.**  
- Facility / Pipeline technical information, disclosure of which would risk security