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FORT PITT / GREENSTREET EMERGENCY RESPONSE PLAN

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1 SITE SPECIFIC DISTRIBUTION LIST

1.1 INTERNAL COPIES


COPY	RECIPIENT	POSITION	LOCATION	CONFIDENTIAL INFORMATION INCLUDED (✓)
1	[REDACTED]	Area Foreman	St. Lina South Field Office	✓
2	[REDACTED]	Assistant Foreman	St. Lina South Field Office	✓
3	[REDACTED]	Safety & Compliance Coordinator	Bonnyville Office	
4	[REDACTED]	Surface Landman	Lloydminster Office	✓
5	[REDACTED]	Operations Superintendent	St. Albert Office	✓
6	[REDACTED]		Calgary Office	
7	[REDACTED]		Calgary Office – BHE 26002	
n/a	Roadblock Kit			

1.2 EXTERNAL COPIES Redacted - NEB Order MO-006-2016 s. 1.a.i.-Personal information

COPY #	RECIPIENT	ORGANIZATION	LOCATION
8 & CD	[REDACTED] <i>Secretary of the Board</i>	National Energy Board	517 – 10 th Avenue SW, Calgary, AB T2R 0A8
9	Rhonda King, <i>CAO, Director of Emergency Management</i>	County of Vermilion River	Box 69, Kitscoty, AB T0B 2P0
10	Duane Perillat, <i>Safety Officer / EMO Coordinator</i>	Rural Municipality of Britannia No. 502	Box 661, Lloydminster, SK S9V 0Y7
11	Sgt. Jolyne Harrison	RCMP, Maidstone Det.	4201 - 47 Ave, Lloydminster, AB T9V 0W2
Electronic	Administrator	Rural Municipality of Frenchman Butte No. 501	[REDACTED] Box 180, Paradise Hill, SK S0M 2G0
Electronic	[REDACTED], <i>Director of Emergency Health Services</i>	Prairie North Health Region	[REDACTED] Box 339, St. Walburg, SK S0M 2T0
Electronic	[REDACTED], <i>NCO i/c</i>	RCMP, Kitscoty Det.	[REDACTED] Box 239, Kitscoty, AB T0B 2P0
CD	[REDACTED], <i>Central Zone Manager, Env. Public Health</i>	Alberta Health Services	300 Jordan Parkway, Red Deer, AB T4P 0G8
CD *	[REDACTED] Larocque	RCMP, Elk Point Det.	Box 218, Elk Point, AB T0A 1A0
CD *	[REDACTED] Burnouf	RCMP, Onion Lake Det.	Box 40, Onion Lake, SK S0M 2E0
Electronic	<i>Emergency Response Plan sent as PDF documents via email</i>		
CD	<i>Emergency Response Plan on CD</i>		
CD *	<i>Emergency Response Plan on CD & paper copy of EPZ map</i>		

The following that are affected by an Emergency Planning Zone have been sent an information package where applicable:

- Residents
- Registered Trappers
- Grazing Lease Holders
- Grazing Reserves
- Forestry Mgmt Areas

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1.3 AMENDMENT RECORD


DATE	DETAILS	CHANGED BY
December, 2005	Ver. 0-0 Plan Initiated	[REDACTED]
February, 2006	Ver. 1-0 Revised	[REDACTED]
March, 2008	Ver. 2-0 Annual Update	[REDACTED]
October, 2009	Ver. 3-0 Annual Update	[REDACTED]
November, 2010	Ver. 4-0 Annual Update	[REDACTED]
March, 2012	Ver. 5-0 Annual Update	[REDACTED]
June, 2012	Ver. 5-1 Updated Personnel Info	[REDACTED]
February, 2015	Ver. 7-0 Revised to New Template; Annual Update	[REDACTED]
April, 2015	Ver. 7-1 Revised to NEB March 26, 2015 Guidelines	[REDACTED]
April, 2016	Ver. 8-0 Annual Update	[REDACTED]

Any comments, suggestions or revisions can be directed to:

Canadian Natural Resources Limited

[REDACTED]
[REDACTED]
[REDACTED]

Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information

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2 GENERAL INFORMATION

2.1 EMERGENCY RESPONSE PLAN (ERP) INTRODUCTION AND SUMMARY

2.1.1 FACILITY LOCATION

FACILITY LOCATION:	FORT PITT WEST COMPRESSOR	[REDACTED]
	FORT PITT WEST COMPRESSOR	[REDACTED]
	GREENSTREET	N/A – NO FACILITY
PHONE NUMBERS:	NUMBER	DESCRIPTION
	780-460-6739	District On Call Pager

DISTRICT OFFICE	ST. ALBERT NORTH	
OFFICE PHONE NUMBERS:	NUMBER	DESCRIPTION
	[REDACTED]	[REDACTED]
	780-544-2250	Office
	780-460-7038	Fax


2.1.2 OFF SITE COMMAND CENTRE / EMERGENCY OPERATIONS CENTRE

DISTRICT OFFICE MAILING ADDRESS:	#210, 110 Carleton Drive St. Albert, Alberta Canada, T8N 3Y4	
PHONE NUMBERS:	NUMBER	DESCRIPTION
	[REDACTED]	[REDACTED]
	780-544-2250	Office
	780-460-7038	Fax

2.1.3 GENERAL LAND USE AND POPULATION DENSITY

Names of Local Municipalities Impacted:	County of Vermilion River (AB) Rural Municipality of Frenchman Butte No. 501 (SK) Rural Municipality of Britannia No. 502 (SK)	
Land Use of Area Surrounding Facility:	Mixed Farmland, Oil & Gas	
POPULATION DENSITY (WITHIN EPZ):		
NUMBER	TYPE	DESCRIPTION
11	Residences	8 - Fort Pitt, 3 - Greenstreet
0	Businesses / Organizations	
0	Public Facilities / Recreational Areas	
0	Trappers	
0	Forest Management Areas	
0	Grazing Leases/Reserves	
1	First Nations Groups	Onion Lake First Nations
0	Lakes / Rivers	
1	Public Highways	Highway 17
0	Other	

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2.1.4 SAFE LOCATIONS

On Site Muster Area	Upwind side of incident
Off-Site Staging Area	Depending on Emergency Location

2.1.5 EMERGENCY EQUIPMENT

TYPE	QUANTITY	LOCATION / NOTES
Personal Gas Monitor	2	1 per operator
First Aid Kit	2	1 in each operator truck
Burn Kit	0	
Eye Wash Station (15 min flow)	0	
Eye Wash Station (1 litre bottle)	0	
Fire Extinguisher	2	1 in each operator truck
Ignition Equipment	0	
Portable Gas Detector	0	
SABA	0	
SCBA	0	
Wheeled Fire Extinguisher	0	
Fire Blanket	0	
Road Block Kit - <i>Consists of:</i> 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) - Roadblock Role Checklist & information - Roadblock Control Log form	0	There are no roadblock kits available on site. Roadblock kit located at the Frenchman Butte field office ██████████ Roadblock kit located at the North Tangleflags battery ██████████


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2.1.6 EXTERNAL EMERGENCY RESPONSE PLANS / MUTUAL AID

NOTE: Government / agency / emergency responder consultations completed below consisted of:

- Collecting contact information for emergency notification and updating purposes
- Informing government / agency / emergency responder of Canadian Natural practices and procedure to be followed
- Making available relevant information consistent with that which is specified in our Emergency Response Plan (ERP) to the government / agency / emergency responder
- Clarifying roles, responsibilities and capabilities of both parties
- Informing the government / agency / emergency responder of the potential hazards of Canadian Natural facilities
- Informing government / agency / emergency responder of Canadian Natural's risk controls and mitigation activities

EXTERNAL EMERGENCY RESPONSE PLANS: LOCAL MUNICIPALITIES
<p>County of Vermilion River (AB)</p> <p>Multiple consultation attempts from [REDACTED], Director of Emergency Management. Emailed consultation package, public information package and map Feb 25, 2016</p> <p>The County of Vermilion River will implement their County Municipal Emergency Plan in the event of an emergency. The County may:</p> <ul style="list-style-type: none"> • assist in the opening and operation of the Reception Centre • assist with roadblocks, fire protection and medical services • if necessary, declare a state of local emergency to restrict access to a designated area • if necessary, access Alberta Emergency Alert public notification system <p>Rural Municipality of Frenchman Butte No. 501 (SK)</p> <p>Consultation information received [REDACTED], Assistant Administrator.</p> <p>The Rural Municipality of Frenchman Butte will also implement measures to protect the health, safety and welfare of residents using any or all of the resources available. The RM may:</p> <ul style="list-style-type: none"> • assist in the opening and operation of the Reception Centre • assist with roadblocks, fire protection and medical services • if necessary, declare a state of local emergency to restrict access to a designated area • may assist with accessing SaskAlert, Saskatchewan's emergency public alerting program <p>Rural Municipality of Britannia No. 502 (SK)</p> <p>[REDACTED], Safety Officer / EMO Coordinator</p> <p>The Rural Municipality of Britannia will also assist to protect the health, safety and welfare of residents using any or all of the resources available. The RM may:</p> <ul style="list-style-type: none"> • assist in the opening and operation of the Reception Centre • assist with roadblocks, fire protection and medical services • if necessary, declare a state of local emergency to restrict access to a designated area • may assist with accessing SaskAlert, Saskatchewan's emergency public alerting program

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EXTERNAL EMERGENCY RESPONSE PLANS: LOCAL HEALTH SERVICES

Alberta Health Services – Central Zone

Consulted [REDACTED], Central Zone Manager, Environmental Public Health & Adam Jensen, Executive Officer / Environmental Health Officer, Environmental Public Health, Drayton Valley CHC

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. The 911 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 information.
- 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.

Prairie North Health Region (SK)

Multiple consultation attempts from Feb to Mar, 2016 via phone/ email with Chris Thiele, Director Emergency Health Services. Emailed consultation package, public information package and map Feb 25, 2016

Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information

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EXTERNAL EMERGENCY RESPONSE PLANS: Prairie North Health Region continued

In the event of an incident, the Prairie North Health Region:

In a Level 1 Low Impact Event

- Will receive notification starting at this Level and may respond to inquiries from the public and media if notified.

In a Level 2 Moderate Impact Event or Level 3 High Impact Event

- Will ensure that local hospitals are alerted when there is potential for an impact from a release.
- Will provide appropriate representation at the off-site Regional Emergency Operations Centre or Incident Command post when it is established or when requested.
- Will provide health related information about toxic chemicals to the emergency operations centre, the public information officer, the media and the general public as required.
- Will provide guidance on the development of public health advisories, public evacuation and sheltering.
- Will monitor the health effects resulting from the event and ensure appropriate data is collected and maintained.
- Will investigate health effects complaints.

MUTUAL AID

LOCAL MUNICIPALITIES:


Any time an emergency occurs which involves the evacuation of more people than Canadian Natural personnel can handle, the County of Vermilion River, Rural Municipality of Frenchman Butte and / or Rural Municipality of Britannia will be notified to assist. It is essential that Canadian Natural's Incident Commander maintain communication with each local municipality's Coordinator to ensure that responses are coordinated.

Dial 9-1-1 for Disaster Services or Emergency Medical Services in these municipalities.

The County of Vermilion River has access to traffic control equipment (barricades, etc.) and heavy equipment as owned and maintained by the County's Public Works. Several volunteer fire departments exist within county limits including the Blackfoot Fire Department, Clandonald Fire Department, Dewberry Fire Department, Islay Fire Department, Kitscoty Fire Department, Marwayne Fire & Rescue Department, Paradise Valley Fire Department, and the Vermilion Fire & Rescue Department. The County also currently maintains mutual aid agreements with the Villages of Marwayne, Dewberry, Paradise Valley, Kitscoty and the Town of Vermilion.

The Rural Municipality (RM) of Frenchman Butte has access to traffic control equipment (barricades, etc.) and heavy equipment that may be accessed in an emergency. A mutual agreement exists amongst the following parties to pool resources, including firefighting services where applicable in order to improve individual emergency response capabilities: Town of St. Walburg, Town of Turtleford, Village of Paradise Hill, Village of Mervin, Village of Loon Lake, Village of Meota, RM of Loon Lake No. 561, RM of Turtle River No. 469, RM of Frenchman Butte No. 501, RM of Mervin No 499, Resort Village of Kivimaa-Moonlight Bay, Brightsand Lake Regional Park Authority, RM of Britannia No. 502 and the Onion Lake Cree Nation.

The RM of Britannia has access to traffic control equipment (barricades, etc.) and heavy equipment that may be required. The volunteer based Britannia Wilton Fire Department provides firefighting services the RM of Britannia and the RM of Wilton. A mutual agreement currently exists amongst the following parties to pool resources in order to improve individual emergency response capabilities: Town of St. Walburg, Town of Turtleford, Village of Paradise Hill, Village of Mervin, Village of Loon Lake, Village of Meota, RM of Loon Lake No. 56, RM of Turtle River No. 469, RM of Frenchman Butte No. 501, RM of Mervin No 499, Resort Village of Kivimaa-Moonlight Bay, Brightsand Lake Regional Park Authority, RM of Britannia No. 502 and the City of Lloydminster.

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MUTUAL AID continued

LOCAL RCMP DETACHMENTS:

Consulted [REDACTED]

The local RCMP detachments of Kitscoty (AB), Maidstone (SK), Elk Point (AB) and Onion Lake (SK):

- 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

OTHER INDUSTRIAL OPERATORS:

Other pipeline licensees with that operate in the Emergency Planning Zone but are not tied into Canadian Natural’s gathering systems will be responsible for their own emergency response actions as required. These licensees are listed in the Public Notifications, Industrial Operators section, along with their emergency contact numbers.

It is generally understood that in the event of an emergency if another industrial operator is the first to identify the situation their initial response will be to notify Canadian Natural immediately. In the same vein, if Canadian Natural personnel are the first ones to identify the emergency, they will immediately notify all other industrial operators that may be affected.

Canadian Natural would provide first responder actions for an emergency involving other operated assets, with immediate notification to the well or the pipeline licensee.

Other Operators


All other operators that tie into this system or where Canadian Natural ties into theirs have their own emergency response plans (ERPs) when required and would be responsible for emergency response actions involving their facilities:

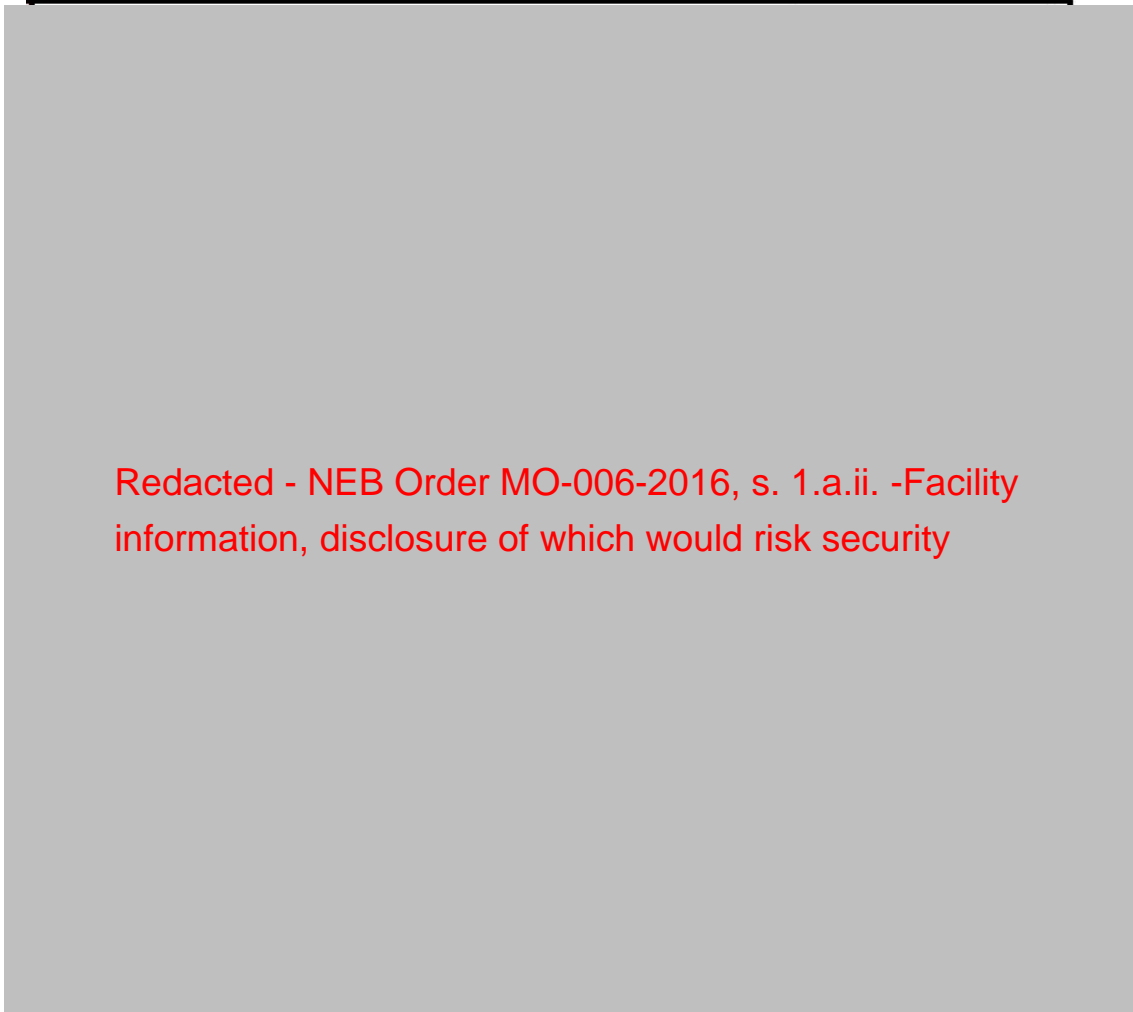
Husky Energy’s suspended [REDACTED] sweet well is tied into Canadian Natural’s Fort Pitt gathering system just east of the [REDACTED] compressor station and was operated by Canadian Natural prior to suspension. However, Canadian Natural is no longer responsible for providing emergency response for this well and associated pipeline due to the non-active status and would therefore be covered, at minimum, by their respective Corporate ERPs if required.

Husky Energy 24-Hour Emergency Number: 1-877-262-2111

The Greenstreet gathering system carries sweet natural gas and solution gas production captured at the [REDACTED] header to a common meter at [REDACTED]. From there it crosses the Alberta / Saskatchewan border over to [REDACTED] and ties into Devon Energy’s compressor station at [REDACTED]. Devon operates their own facilities therefore emergency response would be covered, at minimum, by their respective Corporate ERP if required.

Devon Energy Emergency Number: 1-866-377-7110


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Redacted - NEB Order MO-006-2016, s. 1.a.ii. -Facility information, disclosure of which would risk security

2.1.7 DRIVING DIRECTIONS AND MAP

DRIVING ROUTE:				
[Redacted]				
Redacted - NEB Order MO-006-2016, s. 1.a.ii. -Facility information, disclosure of which would risk security				
[Redacted]				
[Redacted] AND LONGITUDE COORDINATES				
FORT PITT WEST [Redacted]	LATITUDE:	[Redacted]	LONGITUDE:	[Redacted]
FORT PITT WEST [Redacted]	LATITUDE:	[Redacted]	LONGITUDE:	[Redacted]
GREENSTREET – NO FACILITIES	LATITUDE:	N/A	LONGITUDE:	N/A

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2.1.8 SPECIAL CONSIDERATIONS FOR EMERGENCY RESPONSE

Onion Lake First Nations

The Fort Pitt Emergency Planning Zone (EPZ) currently impacts the Onion Lake First Nations reserve as shown in the Emergency Response Plan map. In the event of an incident involving the Fort Pitt pipeline, a call will be placed to the Onion Lake First Nations contact person and Band office as listed in the Public Notifications, First Nations section. Canadian Natural personnel will be dispatched to contact / evacuate residents within the EPZ if required.


Locating Transients and Recreational Users

In an emergency situation, aerial surveillance must be contacted and brought in to sweep the area to look for snowmobilers, hunters, backpackers, skiers or any other recreational transients. Helicopters and fixed wing contractors are listed in the contract services section of this manual. **NOTE:** helicopters only fly daylight hours; an emergency situation that happens at night will require the services of the fixed wing company.

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2.2 EMERGENCY DETECTION, NOTIFICATION AND CONFIRMATION SYSTEMS

PRESENT AT GATHERING SYSTEMS	TYPE	DESCRIPTION
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	SCADA System (on sales line)	Supervisory Control and Data Acquisition – 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.
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.
Y	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.
N	H ₂ S Monitors – Continuous	Continuous H ₂ 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 ₂ S levels are detected at the facility. If H ₂ S levels reach a predetermined level, the system is designed to activate the Emergency Shutdown (ESD) and shut down the facility.
Y	H ₂ S Monitors – Handheld	Canadian Natural personnel are equipped with personal H ₂ S / LEL monitors for early detection.
N	Gas Detection Equipment	Continuous Combustible Gas Detectors 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.

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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. In the event that more portable radios are required than are available, contact should be made with service providers as 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	Redacted - NEB Order MO-006-2016, s. 1.a.ii. -Facility information, disclosure of which would risk security
Land Line	There are no landlines available on site.

2.3.2 RADIO FREQUENCIES

NAME	RECEIVE NUMBER	TRANSMIT NUMBER
N/A		

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3 CONTACTS & TELEPHONE LISTS

3.1 COMPANY EMERGENCY NUMBERS

POSITION	NAME	CELL	OFFICE
Area Foreman	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Assistant Foreman	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Operations Superintendent	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Area Safety & Compliance Coordinator	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Surface Landman	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Health & Safety Manager	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Emergency Management Lead	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Manager, Central Field Operations	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
VP, West Field Conventional Operations & Thermal	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information
Calgary Command Centre	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information	Redacted - NEB Order MO-006-2016 s. 1.a.i. - Personal information

3.2 PROVINCIAL GOVERNMENT CONTACTS

Alberta Energy Regulator (AER)	Province-Wide	24-Hour	1-800-222-6514
	Bonnyville Field Centre	Office	780-826-5352
Alberta Emergency Management Agency	Edmonton	24-Hour	1-866-618-2362
Alberta Environment and Sustainable Resource Development (AESRD) Fish & Wildlife	Report a Poacher	24-Hour	1-800-642-3800
	Lloydminster Office	Main Office	780-871-6495
AESRD Wildfire Reporting	Toll Free	24-Hour	1-866-394-3473
	Province-Wide	24-Hour	403-310-3473
Alberta Transportation	Edmonton AB	24-Hour	1-800-272-9600
Alberta Health Services - Central Zone <i>Call the 24 Hour emergency number and if no immediate answer, leave a message. If contact cannot be made within 20 minutes call the Manager of the Central Zone.</i>	Red Deer	24-Hour (First Call)	1-866-654-7890
		Central Zone Manager, Environmental Public Health 24-Hour On Call	780-608-8602
Workplace Health & Safety	Province-Wide	24-Hour	1-866-415-8690
Workers' Compensation Board	Edmonton AB	24-Hour	1-866-922-9221

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3.2 PROVINCIAL GOVERNMENT CONTACTS CONTINUED

SASKATCHEWAN


NAME	LOCATION	TELEPHONE	
SK Ministry of Economy (ECON)	Area 1: Lloydminster	24-Hour	306-825-6434
SK Ministry of Government Relations: - Emergency Mgmt & Fire Safety	Regina	24-Hour Admin (SK Only)	306-787-9563
SK Ministry of Environment: - Environmental Protection - Wildfire Management - Fish & Wildlife - Forest Service	Spill Control Centre	24-Hour	1-800-667-7525
	FireWatch Line (Report a Forest Fire)	24-Hour	1-800-667-9660
	Turn-In-Poachers (TIPS)	24-Hour	1-800-667-7561
	ParkWatch	24-Hour	1-800-667-1788
	Inquiry Centre	Toll Free	1-800-567-4224
SK Ministry of Highways and Infrastructure: - Highway Hotline for Road Info	Road Restrictions – Saskatoon Area	24-Hour	306-933-8333
	Road Restrictions – Regina Area	24-Hour	306-787-7623
	Road Restrictions – All Other Areas	24-Hour	1-888-335-7623
Prairie North Health Region	St. Walburg	24-Hour	306-248-7772
Occupational Health and Safety	Province-Wide	24-Hour	306-787-4496
Workers' Compensation Board	Province-Wide	24-Hour	1-800-667-7590

3.3 EMERGENCY SERVICE NUMBERS

Alberta / Saskatchewan:

All Emergency Services: 9-1-1

SERVICE	LOCATION	TELEPHONE NUMBER	
RCMP	Kitscoty (AB) – Fort Pitt	Office	780-846-2870
	Maidstone (SK) – Fort Pitt	Office	306-893-4800
	Elk Point (AB) – Greenstreet	Office	780-724-3964
	Onion Lake (SK) – Greenstreet	Office	306-344-5550
Hospital	Lloydminster Hospital	Office	306-820-6000
Ambulance			9-1-1
Fire Departments			9-1-1

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3.4 TDG / LPGS (PROPANE AND BUTANE) EMERGENCY NUMBERS

NAME	CONTACT	TELEPHONE NUMBER	
Transport Canada (CANUTEC) – TDG Emergencies	Call Centre	24-Hour	613-996-6666
Emergency Response Assistance Canada (ERAC) Canadian Natural ERAP Number: [REDACTED]	Call Centre (Propane and butane emergencies only)	24-Hour	1-800-265-0212


Redacted - NEB Order MO-006-2016, s. 1.a.ii. -Facility information, disclosure of which would risk security

3.5 MUNICIPAL GOVERNMENT CONTACTS (FOR NOTIFICATION PURPOSES ONLY)

NAME	LOCATION	TELEPHONE NUMBER	
County of Vermilion River	Kitscoty, AB	Office	780-846-2244
		Public Works After Hours	780-846-2929
Rural Municipality of Frenchman Butte	Paradise Hill, SK	Office	306-344-2034
		Public Works After Hours	306-344-7486
Rural Municipality of Britannia	Lloydminster	24-Hour	306-821-0658

3.6 FEDERAL GOVERNMENT CONTACTS


NAME	LOCATION	CONTACT INFORMATION	
National Energy Board (NEB) <i>See Corporate ERP: Notification of an Emergency Situation (Federal), Page 5-40 for Incident Reporting Instructions</i>	Online Event Reporting System (OERS)	https://apps.neb-one.gc.ca/ers	
	Incident Line (all other incidents)	24-Hour	403-807-9473
	Calgary Office	Main	403-292-4800
Transportation Safety Board (TSB) <i>See Corporate ERP: Notification of an Emergency Situation (Federal), Page 5-40 for Incident Reporting Instructions</i>	Reporting Hotline	24-Hour	1-819-997-7887
		Fax	1-819-953-7876
	Email Address	PipelineNotifications@tsb.gc.ca	
Indian Oil & Gas Canada	Calgary, AB	Office	403-292-5625
		Fax	403-292-5618
First Nations, Health Authority	Prince George, BC	Office	250-561-5370
		Fax	250-561-5369
Environment Canada <i>(will be notified through the respective provincial or territorial government)</i>	National Environmental Emergency Centre	24-Hour	1-819-953-0607
	Alberta Environment and Parks	24-Hour	1-800-222-6514
	Saskatchewan Ministry of Environment	24-Hour	1-800-667-7525

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3.7 CONTRACT SERVICES

COMPANY	LOCATION	TELEPHONE NUMBER	
AIR QUALITY MONITORING			
Alberta Energy Regulator <i>(not contract service)</i>	Province-Wide	24-Hour	1-800-222-6514
Firemaster Oilfield Services Inc.	Province-Wide	24-Hour	403-342-7500
HSE Integrated Ltd.	Province-Wide	24-Hour	1-888-346-8260
Promet Environmental Group Ltd.	Province-Wide	24-Hour	1-877-577-6638
Trojan Safety Services	Province-Wide	24-Hour	1-888-785-9557
AIRCRAFT / HELICOPTERS			
Border City Aviation	Lloydminster	24-Hour	780-875-5834
Central Mountain Air	Calgary	24-Hour	1-888-865-8585
Courtesy Air	Lloydminster	24-Hour	1-888-325-1313
Star Helicopters Charter Service	Bonnyville, AB	Main	780-639-2770
SAFETY SERVICES / COMMUNICATION EQUIPMENT			
HSE Integrated Ltd.	Province-Wide	24-Hour	1-888-346-8260
Trojan Safety Services	Province-Wide	24-Hour	1-888-785-9557
United Safety Ltd.	Province-Wide	24-Hour	1-800-432-1809
WELL BLOWOUT CONTROL			
Firemaster Oilfield Services	Province-Wide	24-Hour	403-342-7500
HSE Integrated Ltd.	Province-Wide	24-Hour	1-888-346-8260
Safety BOSS	Province-Wide	24-Hour	1-800-882-4967

WESTERN CANADIAN SPILL SERVICES (WCSS)		24 HOUR EMERGENCY 1-888-541-8888	
AREA "VR-1"			
Regional Equipment Custodian Pipeline Controlroom Husky Pipeline Yard	55 Ave & 55 Street Lloydminster, AB	24-Hour	780-871-6621
Co-op Custodian Cenovus Parking Lot	Junction of Hwy 55 & 41 La Corey, AB	Main	780-573-7375

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4 PUBLIC NOTIFICATIONS

4.1 COMMALERT ACTIVATION – NOT APPLICABLE

IMPORTANT - See Section 4.2 Notification Procedures below for procedures to activate CommAlert system	780-669-0325
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4.2 NOTIFICATION PROCEDURES

***NOTE: COMMALERT IS NOT AVAILABLE FOR THIS PLAN**

The Public Safety Chief will designate Telephone Callers to relay a message of notification, evacuation or shelter if an emergency occurs that will involve only a few residents. Refer to the Public Safety Chief Tab in the Corporate ERP Manual for procedures and scripts. If an emergency occurs that involves too many residents for Canadian Natural to notify in a timely manner, the CommAlert automated call-out system may be activated. The procedure for initiating a CommAlert call-out follows:


1. Prepare the following information prior to calling CommAlert (the number is shown in Step 2):
 - a. Identify the name of the Emergency Response Plan
 - b. Identify which map quadrants and house letters / numbers are affected by the emergency
 - c. Identify which message is to be relayed (either evacuation or shelter)
 - d. Identify which Reception Centre should be activated
2. Call CommAlert at 780-669-0325 and indicate that there is an emergency situation and that a call-out is required. CommAlert will follow their Standard Operating Procedures (as found in the Corporate ERP Manual Emergency Response Toolbox) and ask for the information outlined therein.
3. After the call-out, CommAlert will send a report of the results within 15 minutes by either email (preferred) or fax. The report will include which residents responded that they would evacuate immediately or stay (shelter) in their home, which require evacuation assistance and which residents did not respond to the message.
4. Canadian Natural will then dispatch Rovers to assist those residents who require evacuation assistance. Residents who did not respond to the message will need to be contacted by a Telephone Caller or a Rover.
5. Once the emergency situation has been resolved, CommAlert, if requested, can relay an All Clear message.

Following are the three (3) message choices that can be sent automatically by the CommAlert system:

Sheltering Message

This is the Canadian Natural emergency communication system. We are calling to advise you that we are experiencing operational difficulties near your residence. You are in no immediate danger; however we advise that you take shelter and remain indoors until we have called you with an All Clear message. Until then, stay inside and close and lock all windows and outside doors. Turn off all appliances and equipment with exterior vents and turn down your furnace to the minimum setting. We ask that you limit the use of your phone so that we can call you with further information. Please listen to the following menu:

- If you will remain in your home until you receive an All Clear message please press 1.
**System response: Thank you we have received your response.*
- If you do not wish to remain in your home, please press 2 to have a Canadian Natural representative call you with further instructions.
**System response: Thank you we have received your response.*
- To replay this message, please press 3.

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Evacuation Message

This is the Canadian Natural emergency communication system. We are calling to advise you that we have encountered operational difficulties near your residence. For your safety, we are requesting that you leave the area and proceed to the _____ Reception Centre at _____. It is very important that you check in at this Reception Centre so that we can provide you with more information. Please listen to the following menu:

- If you will proceed to the Reception Centre, press 1. Your concerns will be addressed at that time.
* *System response: Thank you we have received your response.*
- If you require assistance to evacuate, press 2. Keep all your windows and outside doors closed and locked and other outside vents shut. Please remain indoors and limit the use of your phone until we can contact you to see what help you need or that help has arrived.
* *System response: Thank you we have received your response.*
- To replay this message, press 3

All Clear Message

This is the Canadian Natural emergency communication system. We are calling to advise you that we have resolved the operational difficulties we experienced in your area. There is no longer any cause for concern. We apologize for any inconvenience this situation may have caused. Please listen to the following menu:

- To let Canadian Natural know that you have received this message, please press 1.
* *System response: Thank you we have received your response.*
- To replay this message, please press 2.

4.3 RECEPTION CENTRE(S)

Reception Centre(s) has / 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	
Holiday Inn Hotel & Suites Lloydminster	5612 44 Street, Lloydminster, AB	Toll Free	1-877-660-8550
		24-Hour	780-870-5050

4.4 RESIDENT INFORMATION


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

Redacted - NEB Order MO-006-2016 s.

4.5 BUSINESS INFORMATION

1.a.i. -Personal information

Confidential business / organization information will only be included in the main responders' Emergency Response Plans at the end of this Section.

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4.6 SCHOOL 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 / guardian are located. Private schools must be contacted directly. School children living within the EPZ attend the following schools:

SCHOOL DIVISION	SCHOOL NAME	TELEPHONE NUMBER
There are no school divisions affected by this Emergency Response Plan		

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 Emergency Planning Zone (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(s):

INDUSTRIAL OPERATOR NAME	OPERATIONS DESCRIPTION	TELEPHONE NUMBER	
BlackPearl Resources Inc.	Pipelines	24-Hour (Onion Lake)	403-536-0667
		24-Hour (Corporate)	1-866-640-3269
Husky Energy	Pipelines	24-Hour	1-877-262-2111

4.8 TRAPPER INFORMATION


REGISTERED AREA	NAME	ADDRESS	PHONE	DESCRIPTION
N/A				

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

Land Use Disposition Types:

FDL	Farm Development Lease	GRP	Grazing Permit
FGL	Forestry Grazing License	GRR	Provincial Grazing Reserve
GRL	Grazing Lease		

REGISTERED NUMBER	NAME	ADDRESS	PHONE	DESCRIPTION
N/A				

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4.10 FOREST MANAGEMENT AREA(S)

REGISTERED NUMBER	NAME	ADDRESS	PHONE	DESCRIPTION
N/A				

4.11 FIRST NATIONS

NAME	CONTACT	TELEPHONE NUMBER		COMMENTS
[Redacted]	[Redacted]	Work	[Redacted]	[Redacted]
		[Redacted]	[Redacted]	
	[Redacted]	[Redacted]	[Redacted]	

Redacted - NEB Order MO-006-2016 s. 1.a.i. -Personal information

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5 GATHERING SYSTEMS INFORMATION

5.1 FACILITY INFORMATION


5.1.1 FACILITY SUMMARY

Facility Name	[REDACTED]
Facility Type	GAS GATHERING SYSTEM
Facility Code	[REDACTED]
Legal Description	[REDACTED]
Facility Description	Redacted - NEB Order MO-006-2016, s. 1.a.ii. - Facility / Pipeline technical information, disclosure of which would risk security

Facility Name	[REDACTED]
Facility Type	GAS GATHERING SYSTEM
Facility Code	[REDACTED]
Legal Description	[REDACTED]
Facility Description	[REDACTED]

5.1.2 ISOLATION EQUIPMENT

ROADBLOCK KIT CONTENTS (CONSISTS OF)	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) - Roadblock Role Checklist & information - Roadblock Control Log form	0	There are no roadblock kits available on site. Roadblock kit located at Frenchman Butte field office [REDACTED] Roadblock kit located at North Tangleflags battery [REDACTED]

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5.1.3 EMERGENCY CONTROL SYSTEMS


TYPE	LOCATION	NOTES
Manual block valve	[REDACTED]	Fort Pitt booster compressor (gathering system & compressor inactive)
Manual block valve	[REDACTED]	Fort Pitt booster compressor (gathering system & compressor inactive)
Manual block valve	[REDACTED]	Greenstreet gathering system common meter
Manual block valve	[REDACTED]	Greenstreet gathering system
Manual block valve & control valve	[REDACTED]	Devon Energy tie in point

5.2 FACILITY, PIPELINE & WELL INFORMATION

5.2.1 FACILITY RELEASE RATES & EMERGENCY PLANNING ZONES

LOCATION	FACILITY TYPE	FACILITY CODE	SUBSTANCE	STATUS	VOL (m ³)	EPZ (m)
[REDACTED]	Multiwell Gas Group Battery (inactive)	[REDACTED]	NG	O	[REDACTED]	470
[REDACTED]	Gas Gathering System (inactive)	[REDACTED]	NG	O	[REDACTED]	N/A
[REDACTED]	Multiwell Gas Group Battery (inactive)	[REDACTED]	NG	O	[REDACTED]	470
[REDACTED]	Compressor Station (inactive)	[REDACTED]	NG	O	[REDACTED]	470

Redacted - NEB Order MO-006-2016, s. 1.a.ii. - Facility / Pipeline technical information, disclosure of which would risk security

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5.2.2 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	
H₂S	Licensed Hydrogen Sulphide (mol / kmol)	FW	Fresh Water			S	Satellite	
REL VOL	Total H ₂ S Volume Between ESDs (m ³)	SG	Sour Gas			CK	Creek	
IIZ	Initial Isolation Zone (km) – <i>applicable only for Alberta</i>						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: No sweet natural gas, fuel gas, water or abandoned pipelines have been included in the following list(s) with the exception of any Canadian Natural National Energy Board (NEB) regulated lines in operation.

5.2.3 PIPELINE RELEASE VOLUMES & EMERGENCY PLANNING ZONES

Provincial LICENSE OR NEB Order Number	Line	Licensee	Sub	Stat	From Location	From (Fac)	To Location	To (Fac)	OD (mm)	WT (mm)	ID (mm)	MOP (kPa)	H ₂ S (mol / kmol)	Length (km)	Rel Vol (m ³)	IIZ (m)	Set EPZ (m)
AB: 80043 SK: 280637 **NEB: XG-1-91	1	CNRL	NG	O	[REDACTED]	CL	[REDACTED]	PL	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0	330
AB: 80043 SK: 280637 **NEB: AO-004-XG-M94-59-94	1	CNRL	NG	O	[REDACTED]	WE	[REDACTED]	PL	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	0	320

**** NEB REGULATED PIPELINE.** For any emergency involving NEB regulated pipelines, contact NEB first then the applicable provincial authorities (courtesy call only). Refer to reporting requirements and contact information in Section 3.6 “Federal Government Contacts”

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6 EMERGENCY RESPONSE PLAN MAP

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