

PennWest

Emergency Response Plan

(Legislation references this document as a Response Contingency Plan)

Wildboy / July Lake Area

[Redacted]

NEB Pipeline XG-P166-67-98

24-Hr Emergency

1-877-792-2990

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Revision List

Rev.	Date	Pg.(s)	Revision
Rev 1	April 2015	Entire Site Specific	2015 Annual Update
Rev 2	May 2015	4, 9, 53	Updated contact info for Northern Rockies Regional Municipality
Rev 3	February 2016	Entire Site Specific	2016 Annual Update
Rev 4	September 2016	Entire Site Specific	Personal information redacted for public posting

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Emergency Response Plan Wildboy / July Lake Field

(Personal information has been redacted)

Position	Name	Office	Cell	Binder
EOC Copy	████████	████████	████████	2 Corporate Core with Data Set (Wildboy/July Lake Field)
Production Superintendent	████████	████████	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field)
Production Foreman	████████	████████	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field)
HSER Advisor	████████	████████	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field)
Fort St. John CREOC	████████	250-261-7000	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field)
Fort St. John Field Office Spare	████████	250-261-7000	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field)
Government Agencies and Support Services	Name	Office	Cell	Binder
First Response Emergency Services Ltd.	████████	403-695-1280	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field)
BC Oil and Gas Commission (OGC)	████████	1-800-663-3456	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field) (Provide ERP via upload through Penn West ERP Group)
National Energy Board (NEB)	Secretary of the Board	403 292-4800	████████	2 Corporate Core with Data Set (Wildboy/July Lake Field) (Provide ERP Hard Copy and CD through Penn West ERP Group)
Northern Rockies Regional District	████████	250 774-3955	████████	1 Corporate Core with Data Set (Wildboy/July Lake Field) (Provide ERP Hard Copy and CD through Penn West ERP Group)

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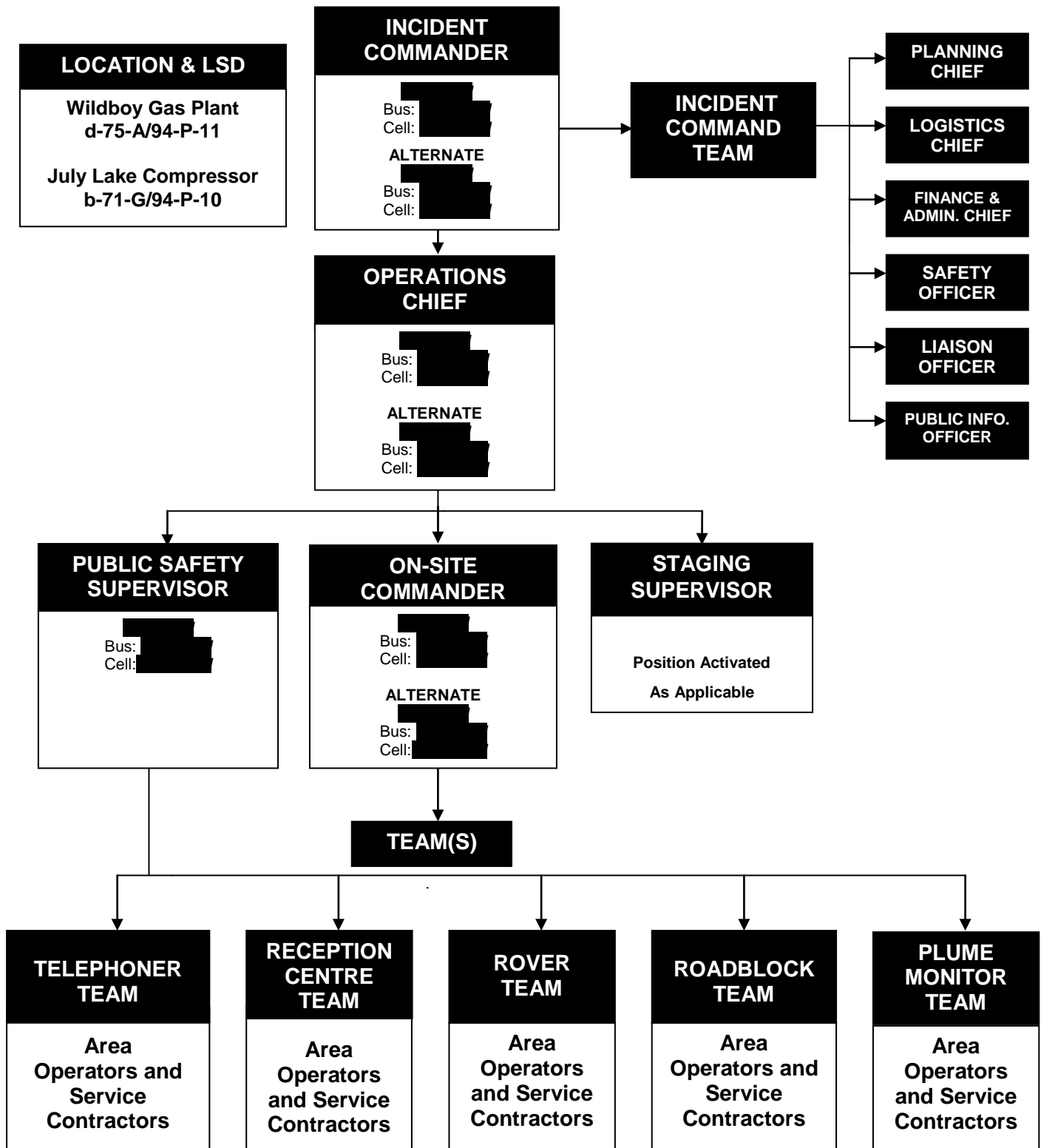
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1. TELEPHONE CONTACTS

1.1. Key Implementer List *(Personal information has been redacted)*



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1.2. External Contacts List

AGENCY NAME	AGENCY LOCATION	CONTACT NUMBER(S)
IMMEDIATE CONTACT REQUIRED AT ANY LEVEL OF EMERGENCY:		
Emergency Management BC Debbie Alexander – EMBC Regional Manager	Province-Wide Prince George, BC	1-800-663-3456 250-612-4172
BC Oil and Gas Commission (OGC)	Fort St. John, BC	24-Hr: 250-794-5200
	Incident Reporting Line	EMBC: 1-800-663-3456
National Energy Board (NEB)	Calgary, AB	403-292-4800

IMMEDIATE CONTACT REQUIRED IF ANY RESIDENTS ARE CONTACTED AT LEVEL 1 OR HIGHER:		
Northern Rockies RCMP Detachment	Fort Nelson, BC	250-774-2777
Northern Rockies Regional District	Fort Nelson, BC	24-Hr: 250-784-3200 or 1-800-670-7773
Northern Health – NE Region	Fort St. John, BC	24-Hr: 250-774-2222 Bus: 250-774-2541

OTHER GOVERNMENT AGENCIES		
Air Search and Rescue	Province-Wide	1-800-567-5111 From Cell: *3111
WorkSafeBC (Worker's Compensation Board) WCB Area Office	Province-Wide Fort St. John, BC	1-866-922-4357 (After Hours) or 250-785-1283 or 1-888-621-7233 (8:30am to 4:30pm)
Weather Centre Emergency Forecast	Fort St. John, BC	250-785-7669
NAV Canada (NOTAM)		
Kamloops FIC (BC)	Kamloops, BC	1-866-541-4101
Edmonton FIC (AB, Northeastern BC, SK)	Edmonton, AB	1-866-541-4102
Whitehorse FIC (Yukon, Northwestern BC)	Whitehorse, YT	1-866-541-4107
Ministry of Forests, Lands and Natural Resource Operations		
Fish & Wildlife District Office	Fort St. John, BC	EMBC: 1-800-663-3456 Bus: 250-787-3415
Forests and Range District Office	Dawson Creek, BC	EMBC: 1-800-663-3456 Bus: 250-784-1200
Forest Fire Reporting 24-Hr	Province-Wide	1-800-663-5555 From Cell: *5555

AGENCY NAME	AGENCY LOCATION	CONTACT NUMBER(S)
OTHER GOVERNMENT AGENCIES <i>continued</i>		
Ministry of Environment		
Environmental Protection Division	Fort St. John, BC	EMBC: 1-800-663-3456 Bus: 250-787-3411
Agriculture, Land & Water	Fort St. John, BC	(250) 787-3240
Alberta Environment & Parks (AEP)		
AB Environment	Province-Wide	Hotline: 1-800-222-6514
Alberta Environment - Northern Region	Grande Prairie, AB	(780) 538-5260
Environmental Complaint / Emergency	Province-Wide	1-800-222-6514
	Telus Mobility	From Cell: # 7378
Alberta Environment & Parks (AEP) Fish & Wildlife Division, Manning	Manning, AB	Bus: 780-836-3065
Report A Poacher	Province-Wide	1-800-642-3800
	Telus Mobility	From Cell: # 3800
Ministry of Agriculture & Forestry		
Forestry – Upper Hay Peace Area, High Level	High Level, AB	Bus: 780-926-3761
Department of Fisheries and Oceans		
Pacific Region	Vancouver, BC	604-666-0384
Central & Arctic Region	Sarnia, ON	519-383-1813 or 1-866-290-3731
Transportation of Dangerous Goods		
Spill Reporting	Province-Wide	EMBC: 1-800-663-3456
Dangerous Goods	Province-Wide	EMBC: 1-800-663-3456
CANUTEC (Canadian Transport Emergency Centre)	Canada-Wide	613-996-6666
Canadian Propane Association (CPA) Emergency Response Assistance Canada (ERAC) Propane Gas ERAC Penn West XXXXXXXXXX	Canada-Wide	ERAP Activation # 1-800-265-0212

AGENCY NAME	AGENCY LOCATION	CONTACT NUMBER(S)
Transport Canada		
Transportation (Highways)	Fort St. John, BC	EMBC: 1-800-663-3456 Bus: 250-787-3237
Maintenance Contractor: Yellowhead Road & Bridge (North Peace) Ltd.	Fort St. John, BC	24-Hr: 1-888-883-6688 Bus: 250-262-2600
Other		
BC Safety Authority	Province-Wide	1-866-566-7233
EMERGENCY SERVICES		
RCMP		
Northern Rockies RCMP Detachment	Fort Nelson, BC	250-774-2777
Fire Department		
Fire Department	Fort Nelson, BC	250-774-2222
Hospital		
Fort Nelson General Hospital	Fort Nelson, BC	250-774-8100
Fort St. John Hospital and Health Centre	Fort St. John, BC	250-262-5200
Ambulance		
Ambulance Service	Fort Nelson, BC	250-774-2344
STARS Emergency Link Centre	Province-Wide	1-888-888-4567
		Cell: # 4567
Poison		
BC Drug and Poison Information Centre (BC DPIC)	Province-Wide	604-682-5050 or 1-800-567-8911

SERVICE CONTRACTORS NAME	LOCATION	CONTACT NUMBER(S)
Service Contractors		
Air Monitoring (Mobile)		
HSE Integrated Ltd.	Western Canada	1-888-346-8260
Promet Environmental Group Ltd.	Canada-Wide	1-877-577-6638
Fire – Oilfield Specialists & Well Control		
HSE Integrated Ltd.	Western Canada	1-888-346-8260
Firemaster Oilfield Services Inc.	Fort St. John, BC	24-Hr: 403-342-7500 Bus: 250-785-6616
Fire Power Oilfield Firefighting Ltd.	Fort St. John, BC	250-785-7714
Safety Services		
HSE Integrated Ltd.	Western Canada	1-888-346-8260
Cormac Safety Services Inc.	Fort Nelson, BC	250 500-2096
United Safety Ltd.	Fort Nelson, BC	250 774-4591
Trojan Safety Services Ltd.	Fort St. John, BC	24-Hr: 250-785-9557
Western Canadian Spill Services (WCSS)		
WCSS 24-Hr Emergency Contact #: 1-866-541-8888		
For the most current information please refer to the WCSS website www.wcss.ab.ca		
Information below confirmed February 25 2016		
WCSS Zone 6 – Area ‘C’		
██████████ Chairman	Nexen	Cell: ██████████ Email: ██████████
██████████ Alternate Chairman	Spectra Energy Midstream Corp	Bus: 250-262-3456 Cell: ██████████ Email: ██████████
Regional Custodian Contact: ██████████ Clean Harbors Environmental Services	Clean Harbors Surface Rentals 6715 – 85 Avenue Fort St. John, BC	Bus: 250-785-8500 Fax: 250-785-8450
Coop Custodian Contact: ██████████ Clean Harbors	Clean Harbors 4901 – 46 Avenue Fort Nelson, BC	24-Hr: 250-233-8811 Fax: 250-233-5060

SERVICE CONTRACTORS NAME	LOCATION	CONTACT NUMBER(S)
Locating Service		
BC One-Call	Province-Wide	1-800-474-6886
		Telus & Rogers Cell Networks: *6886
Underworld Line Locating Ltd.	Fort St. John, BC	250-785-3464
D-Tech Line Locators Ltd.	Fort St. John, BC	250-787-9118
Traffic Control Services		
Stop & Go Traffic Control Ltd.	Fort St. John, BC	250-785-4420
Crisis Counsellors		
Integrated Counselling Services	Edmonton, AB	Bus: 780-982-5060
Janus Associates	Calgary, AB	24-Hr: 1-403-269-9600
Homewood Human Solutions	Edmonton, AB	1-800-663-1142
Media Consultants		
Hill & Knowlton Canada	Calgary, AB	Crisis Hotline: 1-403-268-7855
		Direct Line: 1-403-268-7856
		Bus: 1-403-299-9380
		Fax: 1-403-299-9389
Media – Radio		
CBC Radio Canada	Vancouver, BC	1-604-662-6000
CKFU Moose FM	Fort St. John, BC	250-787-7100
CKNL – 101.5 FM, The Bear	Fort St. John, BC	250-785-6634
Media – Television		
CBC – TV	Vancouver, BC	1-604-662-6000
CJDC - Astral Media Group	Dawson Creek, BC	250-782-3341
CTV	Vancouver, BC	1-604-609-5800
Media – Newspapers		
Alaska Highway Daily News	Fort St. John, BC	250-785-5631
Northeast News	Fort St. John, BC	Toll Free: 1-877-787-7030 Bus: 250-787-7030

SERVICE CONTRACTORS NAME	LOCATION	CONTACT NUMBER(S)
Media – Newswire Service		
CNW Group Ltd.	Canada-Wide	Bus: 1-877-269-7890 Fax: 1-877-269-5044
Communications Equipment		
Earth Communications	Fort Nelson, BC	(250) 774-4111
Petron Communications	Fort St. John, BC	250-785-3333
Glentel	Fort Nelson, BC	National Care Centre: 1-800-453-6835 Bus: 250-774-4955
Backhoes and Bulldozers		
Kledo Construction	Fort Nelson, BC	250 774-2501
Tracker Contracting	Fort St. John, BC	250 785-8953
Pearson Excavating	Fort St. John, BC	(250) 785-2376
Cranes		
LaPrairie Crane	Fort St. John, BC	24-Hr: 877-787-5438 Bus: 250-787-5438
Fedderly Transportation Ltd.	Fort St. John, BC	250-787-0398
Lobo Picker Services Ltd.	Fort St. John, BC	250-785-2970
Electricians & Instrumentation		
D&T Electric and Controls	Fort St. John, BC	250 785-8778
Gasfield Energy Services	Fort Nelson, BC	250 774-4220
Techmation Electric & Controls	Fort St. John, BC	250 261-6532
Elite Technologies Inc.	Fort St. John, BC	250-785-3311
General Maintenance Companies		
Gaslink Industries	Fort St. John, BC	250-263-0590
IPAC Services Corporation	Fort St. John, BC	250-263-9330
Kimea Energy Inc.	Whitehorse, YT	867-667-7401

SERVICE CONTRACTORS NAME	LOCATION	CONTACT NUMBER(S)
Air Services – Helicopters		
Bailey Helicopters Ltd.	Fort Nelson, BC	250 774-3555
Qwest Helicopters	Fort Nelson, BC	1-844-297-5230 250-774-5602
Highland Helicopters Ltd.	Fort Nelson, BC	250 774-6106
Air Services – Fixed Wing		
North Caribou Air	Fort Nelson, BC	250-774-6922
Villers Air Service	Fort Nelson, BC	250 774-6188
Petroleum Bulk Products		
Dall Contracting (Petro Canada)	Fort Nelson, BC	1-877-208-8817 867-667-2468
Fort Nelson Bulk Sales	Fort Nelson, BC	250-774-7340
Bluewave Energy (Shell)	Fort Nelson, BC	250-774-7248
Propane Fuels		
Superior Propane	Fort Nelson, BC	1-877-873-7467
Bluewave Energy	Fort Nelson, BC	250-774-7248
Rentals – General		
Normandeau Rentals	Fort Nelson, BC	1-844-287-4174
Peace Country Rentals & Sales Inc.	Fort St. John, BC	250-794-0940
Cat Rental Store	Fort Nelson, BC	250 774-6812 1-866-285-5550
Rentals – Tanks		
Normandeau Rentals	Fort Nelson, BC	1-844-287-4174
Peak Energy Services	Fort Nelson, BC	250-774-7234
Redneck Oilfield Services	Fort Nelson, BC	250-321-2173 1-877-297-3560

SERVICE CONTRACTORS NAME	LOCATION	CONTACT NUMBER(S)
Rentals – Vehicles		
Visa Rentals	Fort Nelson, BC	250-774-7869 1-800-361-7727
Driving Force	Fort St. John, BC	778-746-7258 1-877-926-0279
National	Fort Nelson, BC	250-774-2678
Rentals – Evacuation Equipment		
The Cat Rental Store (snowmobiles)	Fort Nelson, BC	250 774-6812 1-866-285-5550
Peace Country Rentals & Sales Inc. (snowmobiles)	Fort St. John, BC	250-794-0940
Custom River Adventures (boats)	Fort St. John, BC	250-785-1672 250-261-1596
Steamers / Pressure Washers		
Clean Harbors Energy	Fort Nelson, BC	250-774-7234
Troyer Ventures Ltd.	Fort Nelson, BC	250-774-6951
Energetic Services Inc.	Fort Nelson, BC	250-774-4761
Supply Stores		
Acklands Grainger Inc.	Fort Nelson, BC	250-233-4930
DitributionNow (formerly NOV Wilson.)	Fort Nelson, BC	250-774-7748
G & O Supply Ltd.	Fort Nelson, BC	250-774-3115
Trucking – General Hauling		
Cooper Barging	Fort Nelson, BC	250-774-3359
Garcia & Sons Transfer Ltd.	Fort Nelson, BC	250-774-7956
Rosneau Transport	Fort Nelson, BC	250-774-2045 1-877-774-2045

SERVICE CONTRACTORS NAME	LOCATION	CONTACT NUMBER(S)
Trucking – Hot Shot		
Fetch It Hot Shot	Fort Nelson, BC	250-774-6054
Jen-ty Contracting	Fort Nelson, BC	1-844-278-5506
Peace Hotshot & Picker Services	Fort St. John, BC	250-785-8432
Trucking – Pickers		
Formula Powell LP	Fort St. John, BC	250-785-4222
Cooper Barging	Fort Nelson, BC	250-774-3359
Lobo Picker Services Ltd.	Fort St. John, BC	250-785-2970
Trucking – Sand & Gravel		
Garcia & Sons	Fort Nelson, BC	250-774-7956
Sand Source Services	Fort Nelson, BC	250-233-4807
Tank Trucks (Crude Oil & Water)		
Tru North Trucking	Fort Nelson, BC	250-774-3044
TWH Oilfield Services Ltd.	Fort Nelson, BC	250-774-4717
Clean Harbors Energy	Fort Nelson, BC	250-774-7234
Vacuum Trucks		
Clean Harbors Energy	Fort Nelson, BC	250-774-7234
Energetic Services	Fort Nelson, BC	250-774-4761
Troyer Ventures Ltd.	Fort St. John, BC	250-785-5332
Welding		
ArcTech Welding & Machining Ltd.	Fort St. John, BC	24-Hr: 250-785-5151
Dushay Welding Ltd.	Fort Nelson, BC	250-774-4410
MacDonald Welding	Fort Nelson, BC	250-774-2894

SERVICE CONTRACTORS NAME	LOCATION	CONTACT NUMBER(S)
Well Control		
Safety Boss Inc.	Canada-Wide	1-800-882-4967
	Fort Nelson, BC	250-233-4815
HSE Integrated Ltd.	Western Canada	1-888-346-8260
Firemaster Oilfield Services Inc.	Fort St. John, BC	24-Hr: 403-342-7500 Bus: 250-785-6616
Fire Power Oilfield Firefighting Ltd.	Province-Wide	1-800-463-3187

NAME	LOCATION	CONTACT NUMBER(S)
Other Area Operators		
Canadian Natural Resources Limited (CNRL) Plant	Emergency Contact Fort St. John, BC	1-888-878-3700 250-785-3085
Ish Energy Ltd.	Calgary, AB	403-262-2244
Spectra Energy Midstream Canada – BC (legally known as Westcoast Energy Inc.)	Fort St. John, BC	888-947-5566
TransCanada PipeLines Limited	Calgary, AB	1-888-982-7222 403-920-2000
Westcoast Energy Inc.	Vancouver, BC	1-800-663-9931 604-691-5500

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Wildboy / July Lake Field

2. OVERVIEW DESCRIPTION

2.1. Facility Description and Product Transportation

Wildboy (NEB) Area

The Wildboy Gas Plant is located in northwest British Columbia at d-75-A/94-P-11. The gas plant is owned and operated by Penn West.

Gas is gathered from the Penn West wells and transported via a sales gas pipeline from the compressor station at d-75-A/94-P-11 to a TransCanada meter station located east of the Alberta border at 01-34-120-12 W6M. The National Energy Board regulates the segment of pipeline (license XG-P166-67-98) from b-33-A/94-P-10 to the 01-34 tie-in point.

Some of the Wildboy gas wells produce H₂S, ranging from 0% to 1.80%

Located at the Wildboy Gas Plant are inlet separators, compressors, amine sweetening units, dehydration (silica gel mole sieve) unit, flare system and storage facilities.

July Lake Area

The July Lake Compressor is located at b-71-G/94-P-10. The Wildboy / July Lake Area map identifies a well location at b-B64-G/94-P-10 on lease that is tied into the July Lake gathering system and a 4" underground pipeline from b-B64-G/94-P10 that will be tied into the July lake gathering system above ground at the b-64-G/94-P-10 location.

Detailed calculation information calculation information can be found in the Well and Pipeline Lists found in Section 2.8 (page 27) and Section 2.9 (page 29) of this plan, respectively. Refer to the Area Map on page 61 of this plan for a visual representation of the All Hazard Planning Zones.

The maximum H₂S / largest EPZ within the Wildboy / July Lake Field is 1.80 % / 6683 m.

The maximum H₂S release volume within the Wildboy / July Lake Field is 7076.0 m³.

The maximum H₂S release rate within the Wildboy / July Lake Field is 0.000483 m³/s.

The heat value of the hydrocarbons (maximum net heating value) for pipelines in the Wildboy / July Lake Field is 33.6 MJ/m³.

The heat value of the hydrocarbons (maximum net heating value) for wells in the Wildboy / July Lake Field is 33.6 MJ/m³.

The maximum Heat Radiation HPZ within the Wildboy / July Lake Field is 461 m.

The maximum Flammability HPZ within the Wildboy / July Lake Field is 852 m

Emergency Response Assistance Canada (ERAC)
Penn West's Membership Reference Number [REDACTED]
Activation Telephone Number: 1-800-265-0212

[Penn West Membership Reference Number redacted for security reasons]

2.2. Geographic Descriptions

The Wildboy / July Lake area is located in a remote mountainous and heavily-wooded area 230 km north of Fort Nelson, BC. The area is used primarily by oil and gas operators, forestry, and recreational users for hunting and fishing. The Petitot River runs through the field along with several smaller creeks. The drainage patterns follow the Liard River water shed.

There are many winter-only trails for access to wells and facilities. There are no roads along the NEB regulated pipeline.

There are **NO RAILWAYS or HIGHWAYS** that pass through the EPZs. There are many winter-only trails for access to wells and facilities. There are no roads along the NEB regulated pipeline.

There are **NO AIRPORTS / AIRSTRIPS** within the EPZs.

There are **NO CRITICAL WILDLIFE AREAS** within or in close proximity to the EPZs.

Critical Wildlife Areas are used to preserve, protect and enhance the natural environment, wildlife and fish habitat through the management of any activities which contribute to environmental degradation and watershed and lake contamination. Recreational activities are restricted which could disturb natural areas, particularly during critical periods. Future development and / or recreational activities in the Critical Wildlife Areas must promote environmental responsibility and control of activities that contribute to environmental degradation.

There are **SPECIAL PLANNING ISSUES** within the EPZs.

Helicopters transport Penn West personnel and contractors during spring, summer and fall months to the Penn West camp, located approximately 500 m from the gas plant. Personnel at the Wildboy facility work on a 2-week-in and 2-week-out rotation. There are approximately 10-20 employees and contractors at the gas plant on most days. Due to the remote location of the Wildboy plant and few local resources, a Wildboy Camp Emergency Response Plan has been developed to address medical emergencies, fires and motor vehicle accidents (Refer to Wildboy Camp ERP in Section 3).

There is one (1) industrial / resident/camp in the area:

Wildboy / July Lake (NEB) Area

- The Penn West Wildboy Operations Camp
- Located at the Wildboy Gas Plant, located at d-75-A/94-P-11
- Holds approximately 25 people.
- Emergency Contact: 250-774-4558

Wildboy / July Lake Field

2.3. Mutual Aid for Other Area Operators

Penn West Exploration conducts operations in conjunction with Canadian Natural Resources Limited, Spectra Energy and TransCanada PipeLine in the Wildboy Area. All Penn West operations are covered under the Wildboy Production ERP. If Penn West were to have an incident with a well or pipeline that Penn West contract-operates for any of the above-named operators then Penn West responders will activate the Wildboy Emergency Response Plan, notify the appropriate operator and invite them to participate at Penn West's local Incident Command Centre; the affected operator would then support Penn West's response as they are able. The Emergency Contact Numbers for the other operators in the Wildboy Area are listed in the External Contact List, on page 15. Penn West responders are able to contact the appropriate responders in the event of an emergency.

2.4. Directions to Locations

Facility	Directions (Winter Access Only)
<p>Wildboy Gas Plant d-75-A/94-P-11</p>	<p>From the intersection of Hwy 97 and the Sierra Yoyo Desan Road south of Fort Nelson:</p> <ul style="list-style-type: none"> • Travel east along the Sierra Yoyo Desan Road 173 km to the south end of Helmet Airstrip • Continue north 7 km along PDR 36 to intersection with PDR 269 • Continue north 20.5 km along PDR 269 to Penn West Wildboy Gas Plant
<p>July Lake Compressor a-71-G/94-P-10</p>	<p>Directions to Penn West July Lake Compressor b-71-G/94-P-10 from the intersection HWY 97 and the Sierra Yoyo Desan Road south of Fort Nelson:</p> <ul style="list-style-type: none"> • Travel east along the Sierra Yoyo Desan Road 173 km to the south end of Helmet Airstrip • Continue north 7 km along PDR 36 to intersection with PDR 171 • Turn onto the July Lake PDR 171 and travel north approximately 23 km to compressor

2.5. Alarms, Communications and Radio Frequencies

The following alarm systems have been installed at the facilities:

- Call-out for all emergencies (local Penn West operator on-call in an emergency).
- Wells are equipped with high and low pressure emergency shutdowns.

Operations for this property are coordinated from Penn West's operators who tend to wells, facilities and pipelines on a daily basis. Penn West's operators live in the immediate area while on shift.

When working in the field, operators maintain communication through cellular phones and 2-way radios. After-hours emergency calls are forwarded to the operator on-call.

The primary method of communication in the event of an emergency will be the cellular phones that all operating personnel carry. Also, all vehicles are equipped with radios.

Interplant SCADA alarms are in place throughout the entire Wildboy facility. SCADA will alarm through to the control room which is manned 10 hours/day and also through the camp which is manned 24 hours/day.

In some circumstances where distance is a factor, it may be necessary to position a radio operator at a halfway point or utilize a helicopter with Penn West Operator equipped with a mobile radio to relay messages from air.

EMERGENCY MEDICAL COMMUNICATIONS	
<p>Medical emergencies at the Wildboy facility will most likely require emergency transport to a hospital or medical facility by helicopter or fixed wing. If no medical attendant is required for transport, call a private Helicopter company. Contact Numbers are located in Section 1.2, External Contacts, (page 11).</p> <p>If fixed wing is the most suitable mode of transportation, an Emergency Transport Vehicle (ETV) must be used to move the injured or ill person to the nearest airstrip. An ETV is stationed at the Wildboy facility year-round. One Penn West operator or medic, certified in Advanced Life Support (ALS), will be stationed at Wildboy at all times. This certified medical person, along with a designated driver, must accompany the person being transported.</p> <p>Have detailed information ready to provide helicopter or emergency personnel:</p> <ul style="list-style-type: none"> • Incident location, • Longitude and latitude, • Call-back phone numbers and • Radio frequencies 	
Helicopter	<ul style="list-style-type: none"> • Available 30 minutes before sunrise to 30 minutes after sunset. • Cannot fly in poor weather conditions. • If a medical attendant is required for transport, or a helicopter company is not available, arrange for air ambulance and also a ground ambulance team to be ready to pick-up patient at the landing location. • If no medical attendant is required for transport, call a private Helicopter company.
Fixed Wing	<ul style="list-style-type: none"> • Available to fly 24-hour/day with less weather restrictions than a Helicopter. • The nearest airstrip is the Helmet Airstrip, located at km 11 of the High Grade. • A designated driver with one medically certified person (ALS, if required) will transport injured or ill person in an ETV to airstrip.

Radio Frequencies for the roads up to Wildboy / July Lake.

RADIO COMMUNICATIONS				
Primary	Cellular Phone	Multiple #s	Consistent	
	2-Way Radio	Frequency	Tone	Name/Description
Wildboy Channels	Wildboy 1	150.635	100.00	100 Road up to km 123
	Wildboy 2	151.415	100.00	200, 300, 700 Road, West Thet
	Wildboy 3	151.94	100.00	100 Road & other PW roads N of km 123
	Wildboy 4	163.02	100.00	Leeway & Des Road
	Wildboy 5	166.785	100.00	Helicopters
Secondary	Channel 1	RX:150.965	67	R1 Safety (Operator)
		TX: 155.040		
	Channel 2	RX: 150.965		T1 Drill
		TX: 150.965		
	Channel 3	RX: 151.730	77	R2 Construction
		TX: 155.610		
	Channel 4	RX: 151.730		T2 Construction
		TX: 151.730		
	Channel 5	RX: 152.315	67	R3 Service
		TX: 156.210		
Channel 6	RX: 152.315		T3 Completion	
	TX: 152.315			
Channel 7	RX: 150.275	77	R4 Completion	
	TX: 156.975			
Channel 8	RX: 150.275		T4 Pipeline	
	TX: 150.275			
Channel 9	RX: 153.305	67	R5 Pipeline	
	TX: 154.100			
Channel 10	RX: 154.100		LADD 1	
	TX: 154.100			
	TX: 150.995			

RADIO COMMUNICATIONS				
Primary	Cellular Phone	Multiple #s	Consistent	
	2-Way Radio	Frequency	Tone	Name/Description
Secondary	Channel 11	RX: 158.940		LADD 2
		TX: 158.940		
	Channel 12	RX: 154.325		LADD 3
		TX: 154.325		
	Channel 13	RX: 173.370		LADD 4
		TX: 173.370		
	Channel 14	RX: 150.815		Beaton Safety
		TX: 151.055		
	Channel 15	RX: 151.055		Milligan Safety
		TX: 151.055		
	Channel 16	RX: 150.995		Mile 98
		TX: 150.995		
	Channel 17	RX: 162.210		Pipeline 1
		TX: 162.210		
Channel 18	RX: 166.620		Pipeline 2	
	TX: 166.620			

RESOURCE ROAD CHANNELS				
NO	RX FREQ	TX FREQ	NAME	CH SPACING
1	150.0800	150.0800	RR - 1	12.5 KHz
2	150.1100	150.1100	RR - 2	12.5 KHz
3	150.1400	150.1400	RR - 3	12.5 KHz
4	150.1850	150.1850	RR - 4	12.5 KHz
5	150.2000	150.2000	RR - 5	12.5 KHz
6	150.2450	150.2450	RR - 6	12.5 KHz
7	150.2600	150.2600	RR - 7	12.5 KHz
8	150.3200	150.3200	RR - 8	12.5 KHz
9	150.3650	150.3650	RR - 9	12.5 KHz
10	150.4100	150.4100	RR - 10	12.5 KHz
11	150.4400	150.4400	RR - 11	12.5 KHz
12	150.5000	150.5000	RR - 12	12.5 KHz
13	150.5300	150.5300	RR - 13	12.5 KHz
14	150.5450	150.5450	RR - 14	12.5 KHz
15	150.5600	150.5600	RR - 15	12.5 KHz
16	150.5900	150.5900	RR - 16	12.5 KHz
17	150.6800	150.6800	RR - 17	12.5 KHz
18	150.7100	150.7100	RR - 18	12.5 KHz
19	150.7700	150.7700	RR - 19	12.5 KHz
20	150.8300	150.8300	RR - 20	12.5 KHz
21	151.0100	151.0100	RR - 21	12.5 KHz
22	151.1300	151.1300	RR - 22	12.5 KHz
23	151.1900	151.1900	RR - 23	12.5 KHz
24	151.2200	151.2200	RR - 24	12.5 KHz
25	151.3100	151.3100	RR - 25	12.5 KHz
26	151.3400	151.3400	RR - 26	12.5 KHz
27	151.3700	151.3700	RR - 27	12.5 KHz
28	151.4300	151.4300	RR - 28	12.5 KHz
29	151.4600	151.4600	RR - 29	12.5 KHz
30	151.4900	151.4900	RR - 30	12.5 KHz
31	151.5200	151.5200	RR - 31	12.5 KHz

2.6. Field Communications *(Information has been redacted for security)*

PHONE AND FAX		
Field Phone	Control Room 24-hour	[REDACTED]
	Office	[REDACTED]
Wildboy On-Call ERP Cell		[REDACTED]
Fax	Control Room	250-774-4551
	Office	250-774-4552

2.7. Emergency Shut Down Valve Locations
(Information redacted for security reasons)

The Wild Boy / July Lake Field facilities have inlet and sales line ESDs to isolate the Compressor Stations from the field. In an emergency situation, the compressor ESD valves depressurize the facility to flare. There may be ESD valves on some of the wells.

Wildboy – ESD Locations	
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

July Lake - ESD Locations	
[REDACTED]	[REDACTED]

2.8. Well Listing *(Well Listing not regulated by the National Energy Board (NEB) has been redacted)*

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2.9. Pipeline Listing (Pipeline Listing not regulated by the National Energy Board (NEB) has been redacted)

OPERATOR	LICENSE	LINE	SUBSTANCE CATEGORY	STATUS CODE (D56)	FROM	FROM FACILITY	FROM VALVING	TO	TO FACILITY	TO VALVING	OD (mm)	WT (mm)	LENGTH (km)	MOP (kPa)	Maximum Normal Operating Pressure (kPa)	LICENSED H ₂ S CONTENT (%)	MAX EXPECTED H ₂ S CONTENT (%)	Oil (m ³ /d)	Water (m ³ /day)	Gas (10 ³ m ³ /day)	GLR	Expected Maximum Liquid Flow Rate of Pipeline Fluid (m ³ /day)	SEGMENT PIPELINE VOLUME @ STP (m ³)	CUMMULATIVE PIPELINE VOLUME @ STP (m ³)	SEGMENT PIPELINE VOLUME (10 ³ m ³)	Operating Conditions	SEGMENT H ₂ S RELEASE VOLUME (m ³)	CUMMULATIVE H ₂ S RELEASE VOLUME (m ³)	ERCB NOMOGRAPH Mode Calculated EPZ (m)	Heat Load (m)	LFL/2 (m)	Volumes for the following PL100 segments need to be added to the volume for this PL100 segment	
NEB Pipelines																																	
PENN WEST PETROLEUM LTD.	A280161	01	NG	O	B-033-A/094-P-10	PL		01-34-120-12W6	MS		273.1	6.35	32	9930	9930	0.00%	0.00%																
PENN WEST PETROLEUM LTD.	XG-P166-67-98	01	NG	Active	B-033-A/094-P-10			01-34-120-12W6			323.9	7.90	34	9930	9930	0.00%	0.00%																

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2.10. Pipeline Listing – Definitions

Definitions									
A	Abandoned	D	Discontinued	MS	Meter Station	PL	Pipeline	WL	Well
B	Battery	FG	Fuel Gas	NG	Natural Gas	R	River		
BE	Blind End	FW	Fresh Water	O	Operating	S	Satellite		
CO	Crude Oil	GP	Gas Processing Plant	OE	Oil Well Effluent	SG	Sour Gas		
CS	Compressor Station	HVP P	HVP Products	P	To Be Constructed	SW	Salt Water		

2.11. Facility Codes

Facility ID	Facility Name	Site #	Field	Q Unit	Unit	Block	Primary	Letter	Sheet	Licensee
2917	Gas Plant	7687	Wildboy/July Lake	d	075	A	094	P	11	Penn West
7393	Compressor Dehydrator	22108	Wildboy/July Lake	b	071	G	094	P	10	Penn West

2.12. Safety Equipment

ALL VEHICLES CARRY THE FOLLOWING:			
Handheld Gas Detectors – Personal Monitors	Tow rope	Safety Eyewear	Emergency Road Flare Kit
Ear Protection	Level 2 First Aid Kit (or Provincial Equivalent)	Rubber Gloves	Reflective Striping on Coveralls
Fire Extinguishers	* 30 Minute SCBA (Clean & Full) * Only Sour Gas Area Vehicles carry these		

Location	Cell Phone	Two Way Radio	Road Block Kit or Vendor ¹	Flare Gun	SCBA 30 min.	Personal Monitor	Fire Exting./ Equip.	First Aid Kits (type & #)
Each Operator	X	X			X	X	X	X

¹Minimum contents found in CORE manual. If not provided in area, they will be provided by local area vendors.

Additional Safety Equipment

Item	Type/Size/Model	Quantity	Location
30-lb Fire Extinguishers	-	14	Office Process Area
20-lb CO ₂ Fire Extinguishers	-	7	Process area
10-lb Fire Extinguishers	-	5	Office/Shops
COL	-	3	MCC
Eye Wash Stations	-	10	Office/Process Area
Breathing Apparatus	Cascade System SABA	1 2	Office/MCC
First Aid Kits / Burn Kits	-	3	Office/Shops
Self-Contained Breathing Apparatus	-	8	Office/Shops
Fire Blankets	-	2	Process Area
Basket Stretchers	-	1	Office
Other Equipment	-	1	Office

2.13. Other Facilities Contract Operated by Penn West

Penn West does not contract operate facilities for other area operators in the Wildboy / July Lake Field. In the event of an emergency at the facility, Penn West will provide initial response until such time as the company listed below has been notified and assumes control of the response activities.

Facility Name / Location	Company	24-Hour	Phone
N/A			

2.14. Penn West Facilities Operated by Others

Penn West does not have facilities operated on their behalf by other area operators in the Wildboy / July Lake Field. In the event of an emergency at the facility, the contract operator will provide initial response until such time as Penn West has been notified and assumes control of the response activities.

Location	Company	24-Hour	Phone
N/A			

2.15. External Company Tie-Ins

Penn West is the facility licensee and operator of the Wildboy gathering system. There are no other licensees tied into the system. There are no Penn West wells, pipelines or production facilities that are operated by third parties in this area.

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2.16. Available Support from Agencies (Personal information has been redacted)

Assistance may be available by Agencies depending on their available resources. See details below for agency resources and capabilities.

Emergency Management BC (EMBC)	
24-Hour Emergency Number	1-800-663-3456
Primary Emergency Contact	██████████, Regional Manager Bus: 250-612-4172 Email: ██████████
Main Office Telephone	250-612-4172
Main Office Fax	250-612-4171
Location Address	3235 Westwood Drive Prince George, BC V2N 1S4
<p>Roles & Responsibilities</p> <ul style="list-style-type: none"> Assist the OGC with planning initiatives regarding upstream petroleum industry emergency response when required. Participate in selected licensee ERP exercises with local government. Maintain a 24 hour telephone contact where petroleum industry incidents can be reported. Maintain 24 hour emergency contact numbers for local governments and provincial emergency responders. <p>During an Emergency</p> <ul style="list-style-type: none"> ECC Victoria will notify the OGC; initiate British Columbia's notification of government agencies including MOF, MOE, MOT, Health Unit, WCB, affected municipalities and all other level of government and industry (The level of notification Code: 1,2,3 is determined by the Lead Agency, MOE or OGC; depending on the code level SOP's in ECC will determine who is notified.) Provide representatives to help coordinate provincial response as required. <p>After an Emergency</p> <ul style="list-style-type: none"> As directed by OGC. 	
The information above was confirmed / revised on 28-Jan-16 by ██████████, Regional Manager.	

BC Oil & Gas Commission (OGC)	
24-Hour Emergency Number	1-250-794-5200
Incident Reporting Line	1-800-663-3456 (EMBC)
Primary Emergency Contact	<p>██████████, Emergency Response Coordinator Bus: ██████████ Cell: ██████████ Email: ██████████</p>
Secondary Emergency Contact	<p>██████████ Emergency Response Analyst Bus: ██████████ Email: ██████████</p>
Main Office Telephone	250-794-5200
Main Office Fax	250-794-5380
Location Address	6534 Airport Road Fort St. John, BC V1J 6M6
<p>Roles & Responsibilities:</p> <p>The BC Oil and Gas Commission (OGC) is responsible for overseeing an incident and ensuring Penn West is handling the emergency situation correctly. The OGC is notified by the Emergency Management BC (EMBC) within the OGC jurisdiction. Penn West would consult with the OGC to confirm the emergency level or to downgrade the emergency level. If required, Penn West would request a Road Closure Order or NOTAM Order from the OGC. The OGC may send a representative to Penn West's Emergency Operations Center (EOC) or on-site to oversee the emergency situation. Penn West may send a representative to the OGC's EOC, if one has been set up. The OGC confirms ignition decision with operator (if time permits). The OGC confirms media releases to be sent out by the operator.</p> <p>Emergency Response Plan description for:</p> <p>OGC's Roles and Responsibilities</p> <ul style="list-style-type: none"> • Oversees the operator's response to an incident • Notified by EMBC of incidents within OGC's jurisdiction (on Lease) • Establishes communication with operator • Confirms incident level with operator • Confirms downgrade of incident level • Issues road closure order upon request from operator • Request NOTAM order from NAV Canada upon request from operator • May send an OGC representative to the Operator's On-Site Command Post and/or Evacuation Centre • May establish a government EOC at the OGC office • Confirms ignition decision with operator if time permits • Confirms media releases to be sent out by operator 	
<p>The information above was confirmed / revised on 21-Jan-16 by ██████████, Emergency Response Analyst.</p>	

National Energy Board (NEB)	
24-Hour Emergency Number	Pipeline Emergencies: 819-997-7887 Other Emergencies: 403-807-9473
Primary Emergency Contact	Secretary of the Board
Main Office Telephone	403-292-4800
Main Office Fax	403-292-5503
Location Address	517 10 Avenue SW Calgary, Alberta T2R 0A8
<p>Roles & Responsibilities:</p> <p>The National Energy Board is an independent federal agency that regulates several aspects of Canada's energy industry.</p> <ul style="list-style-type: none"> • Operating under a mandate set by Parliament, its purpose is to promote safety and security, environmental protection and efficient energy infrastructure and markets through the regulation of pipelines, energy development and trade. • The NEB is responsible for ensuring that oil and gas companies comply with regulations concerning the safety of employees, the public and the environment as they may be affected by the design, construction operation, maintenance and abandonment of a pipeline. • The relevant legislation for NEB pipelines is the Onshore Pipeline Regulation, 1999 (OPR). • Companies are required to call the Transportation Safety Board (TSB) to report significant incident on National Energy Board (NEB) regulated pipelines and facilities, report all events in the NEB's Online Event Reporting System (OERS) (http://apps.neb-one.gc.ca/ers) and the kind of events to report. This might include: <ul style="list-style-type: none"> "A significant incident" is an acute event that results in: <ol style="list-style-type: none"> a) death; b) missing person (as reportable pursuant to the Canada Oil and Gas Drilling and Production Regulations (DPR) under the Canada Oil and Gas Operations Act (COGOA) or the Oil and Gas Operations Act (OGOA)); c) a serious injury (as defined in the OPR or TSB regulations); d) a fire or explosion that causes a pipeline or facility to be inoperative; e) a LVP hydrocarbons release in excess of 1.5 m3 that leaves company property or the right of way; f) a rupture; or g) a toxic plume as defined in CSA Z662 • NEB response procedures depend on the severity of the accident. <p>Minor Incidents – For less significant accidents such as minor gas leaks or oil spills, the NEB normally accepts a company's report without on-site investigation by the Board.</p> <p>•Major Incidents – For major accidents involving serious injury of the release of large volumes of oil or natural gas, the National Energy Board (NEB) normally conducts detailed on-site investigations and may produce a report containing its findings and recommendations. Should recurring similar accidents or a major accident cause a concern with a company's safety practices or facilities, meetings between the company and a Board staff member may result. An accident file is not closed until the NEB is confident that all reasonable corrective measures have been taken to prevent future similar accidents.</p>	
The information above was confirmed/revised on 21-Jan-16.	

Northern Rockies RCMP Detachment	
24-Hour Emergency Number	250-774-2777
Primary Emergency Contact	NCO/i c
Secondary Emergency Contact	N/A
Main Office Telephone	250-774-2700
Main Office Fax	250-774-2763
Location Address	4804 McLeod Road, Fort Nelson , B.C. V0C 1R0
Roles & Responsibilities	
<p>The Fort Northern Rockies RCMP Detachment is a policing agency in the area covered by this Emergency Response Plan (ERP). In the event of an emergency, Penn West's response personnel will notify the local RCMP Detachment and report the details of the incident. If required, Penn West will request the services of the RCMP to assist with accident investigations, roadblocks on major highways, evacuation assistance if needed at certain locations, or other related services as required.</p> <p>The RCMP will provide services on a priority basis, measuring the Penn West's request against other activities in their queue at the time of request.</p>	
The information above was confirmed / revised on 29-Feb-2016 by [REDACTED], PSE.	

Northern Rockies Regional Municipality (Town of Fort Nelson)	
24-Hour Emergency Number	(250) 774-2222 (Fire Hall)
Primary Emergency Contact	██████████, Emergency Program Coordinator Bus: ██████████ Cell: ██████████ Email: ██████████
	██████████, Fire Chief, Deputy Emergency Coordinator Bus: 250-774-3955 Cell: ██████████ Email: ██████████
Main Office Telephone	250-774-2541
Main Office Fax	250-774-6794
Location Address	5319 – 50 th Avenue South Fort Nelson, BC V0C 1R0
Roles & Responsibilities The Northern Rockies Regional Municipality has a formal Emergency Management Plan, which outlines the measures and sources of assistance that can be obtained to support emergency response efforts within their jurisdiction. Upon request from the Oil and Gas Commission (OGC), the Regional Municipality may address emergency response capabilities, expectations and preparedness. If required, the Regional Municipality may activate their emergency plan in order to achieve any of the following: <ul style="list-style-type: none"> • Dispatch representative(s) to the OGC's Emergency Operations Centre (EOC), if established • Ensure notification of endangered area residents • Coordinate ESS (Emergency Social Services) • If necessary, declare a State of Local Emergency • Assist in a public information service • Rescue or extrication, if necessary 	
The information above was confirmed / revised on 26-Feb-16 by ██████████, Emergency Program Coordinator	

Northern Health Authority – NE Region	
24-Hour Emergency Number	1-866-803-0814
Primary Emergency Contact	<p>██████████, Acting NE Medical Health Officer</p> <p>Bus: ██████████</p> <p>Cell: ██████████</p> <p>Email: ██████████</p>
Secondary Emergency Contact	<p>Public Health Officer, Dawson Creek</p> <p>Bus: 250-719-6500</p>
Main Office Telephone	250-263-6047
Main Office Fax	250-262-4010
Location Address	#230, 9900 – 100 Avenue Fort St. John, BC V1J 5S7
<p>Roles & Responsibilities:</p> <ul style="list-style-type: none"> • Act as a consultant utilizing provided information on toxic chemicals to the Emergency Operations Centre. • Monitor health effects of the incident to ensure appropriate data is collected and investigate such health effects. • Provide advice to the government on the existing or potential health effects of the incident. • Establish and operate trauma teams for emergency health services. • Provide health advice and safety levels for any health care or special care facility and for the more vulnerable residents. • Monitor adverse effects / contamination of water systems. • Enforce and regulate Public Health Regulations. • Assist the 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 and facilities. <p>These may change and be re-worded in the future if a corporate-wide type statement is created for the function of Emergency Response Plans.</p>	
<p>The information above was confirmed / revised on 28-Jan-16 by ██████████, Admin Assistant.</p>	

Ministry of Environment – Environmental Protection Division – Northern Region – Peace	
24-Hour Emergency Number	1-800-663-3456 (EMBC)
Primary Emergency Contact	<p>██████████, Environmental Emergency Response Officer, Northern Region – Peace</p> <p>Bus: ██████████</p> <p>Cell: ██████████</p> <p>Email: ██████████</p>
Secondary Emergency Contact	<p>██████████, Environmental Emergency Response Officer</p> <p>Bus: ██████████</p> <p>Cell: ██████████</p> <p>Email: ██████████</p>
Main Office Telephone	250-787-3411
Main Office Fax	250-787-3490
Location Address	#400, 10003 – 110 Fort St. John, BC V1J 6M7
<p>Role during a response:</p> <ul style="list-style-type: none"> • A Ministry representative (Environmental Emergency Response Officer – EERO) will provide regulatory oversight and monitor the situation to ensure that the Responsible Party (RP) is taking the appropriate actions. • May provide a representative to the Off-Site Command Centre (OSCC) and the OGC Emergency Operations Centre (EOC) and/or the Provincial Emergency Operations Centre (PREOC) on a 24-hour basis. In a larger scale incident, based on risk, additional Ministry resources such as IMTs (Incident Management Teams) may be deployed to establish unified command and monitor, augment, or take over the response if the Responsible Party fails to take appropriate action as deemed necessary by the EERO or Provincial Incident Commander. • May assist the RP to ensure that other required agencies and affected stakeholders are contacted. • Authorizes and monitors all discharges to the land, atmosphere and all water bodies. • May provide assistance with hazardous waste management. • May conduct sampling for monitoring and enforcement purposes. 	
<p>The information above was confirmed / revised on 21-Jan-16 by ██████████, Environmental Emergency Response Officer, Northern Region – Peace.</p>	

Alberta Environment and Parks (AEP) – Northern Region – Grande Prairie District	
Environment	
24-Hour Emergency Number	Hot Line: 1-800-222-6514
<p>Roles & Responsibilities</p> <p>Alberta Environment Parks enforces the Environmental Protection and Enhancement Act and the Water Act to support and promote the protection, enhancement and wise use of the environment. AEP ensures the Responsible Party is held accountable and meets their legislative responsibilities.</p> <p>AEP:</p> <ul style="list-style-type: none"> • Provides the oversight role in ensuring air monitoring needs and activities associated with public safety around the incident site are adequately addressed by the Responsible Party. • Ensures that containment and monitoring of discharges or potential discharges of hydrocarbons or other hazardous materials into a watercourse is undertaken by the Responsible Party. • Participates in the incident evaluation and assessment of the potential area at risk from product releases. • Ensures that the Responsible Party conducts all necessary shoreline clean-up where on-water spills touch the shore, as well as the necessary clean-up everywhere else within the water body. • Works with the Responsible Party to ensure that initial clean-up and remediation are completed following a spill. • Works with other Government Agencies and Boards to ensure that proper site command and jurisdiction issues are addressed. 	
The information above was confirmed / revised on 01-Mar-16 via website	

Ministry of Forests, Lands and Natural Resource Operations	
Fish & Wildlife – Fort St. John	
24-Hour Emergency Number	1-800-663-3456 (EMBC)
Primary Emergency Contact	██████████ Director of Resource Management, Northeast Bus: 250-787-3415 Cell: ██████████ Email: ██████████
Secondary Emergency Contact	██████████ Head of Fish & Wildlife Bus: ██████████ Cell: ██████████ Email: ██████████
Main Office Telephone	250-787-3415
Main Office Fax	250-787-3219
Location Address	#400, 10003 – 110 Avenue Fort St. John, BC V1J 6M7
Roles & Responsibilities	
<p>In an emergency situation will contact EMBC (Emergency Management BC).</p> <p>Fish and Wildlife need to be informed of any potential hazards that could affect fish or wildlife.</p> <p>Requests sent by email, fax and phone, no response provided from any attempted contact. The information above was confirmed / revised on 28-Jan-16 by British Columbia Government directory.</p>	

Alberta Environment & Parks (AEP) - Fish & Wildlife Division, Manning	
24 Hour Emergency Number	Report A Poacher (800) 642-3800
Primary Emergency Contact	██████████, District Fish & Wildlife Officer Cell: ██████████
Secondary Emergency Contact	N/A
Main Office Telephone	(780) 836-3065
Main Office Fax	(780) 836 3666
Location Address	400 2 th street SW Box 720 Manning, AB T0H 2M0
<p>Land & Forest Service (Land Use Agent), Fish & Wildlife (Officer & Biologist) and Fire Protection are all agencies under Alberta Sustainable Resource Development. The Land Use Agent has final approval for any changes that directly affect any of these agencies. Any issues are to be brought to the attention of the agency that is responsible for the area. That agency will then inform the Land Use Agent of its decision.</p> <p>The information above was confirmed / revised on 29-Feb-2016 by ██████████, Administration.</p>	

Ministry of Forests, Lands and Natural Resource Operations	
Forests & Range – Dawson Creek Office	
24-Hour Emergency Number	1-800-663-5555 (Wildfire Response)
Primary Emergency Contact	██████████ Forest Protection Officer Bus: ██████████ Email: ██████████
Secondary Emergency Contact	██████████ Stewardship Officer Bus: ██████████ Email: ██████████
Main Office Telephone	250-784-1200
Main Office Fax	250-784-0143
Location Address	9000 – 17 Street Dawson Creek, BC V1G 4A4
Roles & Responsibilities	
<p>In an emergency situation will contact EMBC (Emergency Management BC).</p> <p>The complaints and enforcement division should be informed of any damages that have been caused to the area.</p> <p>The 24-Hour Number links to office in Victoria which will decide the appropriate fire response. 911 will be forwarded to this number if jurisdictional boundaries restrict access.</p>	
The information above was confirmed / revised on 21-Jan-16 by ██████████, Forest Protection Officer.	

WorkSafeBC	
24-Hour Emergency Number	1-888-621-7233 (8:30 am – 4:30 pm) 1-866-922-4357 (After Hours)
Primary Emergency Contact	██████████ Regional Prevention Manager Bus: 250-785-1283 Email: ██████████
Secondary Emergency Contact	Egan Wuth, Senior Regional Officer Bus: 250-785-1283 Cell: ██████████ Email: ██████████
Main Office Telephone	250-785-1283
Main Office Fax	250-785-8976
Location Address	9924 – 107 Avenue Fort St. John, BC V1J 2P6
<p>Roles & Responsibilities</p> <p>WorkSafeBC's vision is to keep workers and workplaces safe from injury, illness and disease. Their mission is to assist workers and employers to create a culture of health and safety in the workplace, delivering high quality decisions and advice, providing compassionate and supportive service and ensuring solid financial stewardship now and in the future. WorkSafeBC has 3 core mandates: prevention, rehabilitation and compensation. To fulfill its mandates, WorkSafeBC is enabled by transparent and accountable policies and regulations, a full range of responsive programs, professional, compassionate highly trained staff; effective and efficient processes and innovative and responsive products. In the event of an incident resulting in serious injury to or death of a worker, a major release of a hazardous substance, a major structural failure, and / or a reportable incident as required by regulation, WorkSafeBC must be contacted (Workers Compensation Act, Division 10, Accident Reporting and Investigation).</p> <p>(Example: worker who has been rendered unconscious (knocked down) due to hydrogen sulfide exposure is a reportable incident).</p> <p>Section 172 of the Workers Compensation Act ("Act") states:</p> <p>172 (1) An employer must immediately notify the Board of the occurrence of any accident that</p> <ul style="list-style-type: none"> (a) resulted in serious injury to or the death of a worker, (b) involved a major structural failure or collapse of a building, bridge, tower, crane, hoist, temporary construction support system or excavation, (c) involved the major release of a hazardous substance, or (d) was an incident required by regulation to be reported. <p>Failure to immediately notify WorkSafeBC of a serious injury or fatality will be considered a breach of section 172 of the Act, and may result in an administrative penalty.</p> <p>Further Level 1, 2, and 3 reportable incidents to the Oil and Gas Commission are reportable to WorkSafeBC.</p> <p>Reminder: WorkSafeBC is not on the one call system a further call must be made to WorkSafeBC</p> <p>To report a serious incident or fatality, phone 1 888 621-SAFE (7233) (during business hours) or toll-free 1 866 WCB-HELP (922-4357) (after hours).</p>	
The information above was confirmed / revised on 21-Jan-16 by ██████████, Regional Prevention Manager.	

Ministry of Transportation and Infrastructure – Northern Region – Peace District – Fort St. John Office	
24-Hour Emergency Number	1-800-663-3456 (EMBC)
Primary Emergency Contact	██████████ Area Manager, Roads – North Peace Bus: ██████████ Cell: ██████████ Email: ██████████
Secondary Emergency Contact	██████████ Assistant Area Manager Bus: ██████████ Cell: ██████████ Email: ██████████
Main Office Telephone	250-787-3237
Main Office Fax	250-787-3279
Location Address	#300, 10003 – 110 th Avenue Fort St. John, BC V1J 6M7
Roles & Responsibilities The Ministry of Transportation is committed to opening up BC through innovative, forward-thinking transportation strategies that move people and goods safely throughout BC, while helping revitalize our provincial economy. Yellowhead Road & Bridge (North Peace) Ltd. is the road and bridge maintenance contractor for north of the Peace River; their 24-Hr Emergency Contact Number is 1-888-883-6688.	
The information above was confirmed / revised on 29-Feb-16 by ██████████, Reception.	

3. PUBLIC PROTECTION INFORMATION

3.1. Surface Development Information

There are **NO Surface Developments** in the Wildboy / July Lake Field.

3.2. Trapper Information *(Personal Information has been redacted)*

There are **8 TRAPLINES** within the Wildboy / July Lake Field.

NAME	LOCATION	CONTACT NUMBER(S)
Trapline #755T009		
[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]
Trapline #755T010		
[REDACTED] *	[REDACTED]	[REDACTED]
[REDACTED] *	[REDACTED]	[REDACTED]
[REDACTED] *	[REDACTED]	[REDACTED]

Wildboy / July Lake Field

NAME	LOCATION	CONTACT NUMBER(S)
Trapline #755T010 continued		
[REDACTED] *	[REDACTED]	[REDACTED]
[REDACTED] *	[REDACTED]	[REDACTED]
Trapline # 755T011		
[REDACTED] *	[REDACTED]	[REDACTED]
Trapline #755T012		
[REDACTED] *	[REDACTED]	[REDACTED]
Trapline #755T013		
[REDACTED] *	[REDACTED]	[REDACTED]
Trapline #755T014		
[REDACTED] *	[REDACTED]	[REDACTED]
Joseph Martel*	[REDACTED]	[REDACTED]
Trapline# 755T015		
[REDACTED] *	[REDACTED]	[REDACTED]
[REDACTED] *	[REDACTED]	[REDACTED]
[REDACTED] *	[REDACTED]	[REDACTED]
[REDACTED] *	[REDACTED]	[REDACTED]
[REDACTED] *	[REDACTED]	[REDACTED]
Trapline # 99		
[REDACTED] *	[REDACTED]	[REDACTED]

*Signifies all who must be contacted with more than one name for a designated trapline

3.3. Guides / Outfitters Information

There are **NO GUIDES / OUTFITTERS** within the Wildboy / July Lake Field.

3.4. First Nations

There are **NO FIRST NATIONS SETTLEMENTS** within the Wildboy / July Lake Field EPZs.

3.5. Special Interest Groups

There are **NO SPECIAL INTEREST GROUPS** within the Wildboy / July Lake Field.

3.6. School Division Information

There are **NO SCHOOL CHILDREN** within the EPZs. School Divisions will be advised of an emergency situation and requested to detour school bus traffic around the EPZs. If any school staff members reside within the EPZs, they should report in person or by telephone to the Evacuation Centre.

3.7. Reception Centres

NAME	LOCATION	CONTACT NUMBER(S)
Reception Centres		
Key Pile Camp	Km 185 on Sierra Road	(250) 500-3993
Wildboy Camp	Wildboy Gas Plant	(250) 774-4558 / (250) 774-4550

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3.8. Wildboy Camp - Emergency Plan

AIR EVACUATION

Helicopters can fly ½ hr before sunrise and ½ hr after sunset

1. Phone / Radio:

Baileys Helicopters: FSJ (250) 785-2518, Fort Nelson 250-774-3555 _____

Qwest Helicopters: 250-774-5302 _____

BC Air Ambulance: 250-374-5937 _____

High Level ALS: 800-661-3822 _____

Villers Air Service (Air Ambulance): 250-774-2072 _____

2. Explain the Need for a Med-Evac and Tell Dispatcher:

Name/Age of Worker: _____

Type of Injuries: _____

Location Co-ordinates: _____

Contact Radio Frequency (RX/TX): _____

Phone Contact: _____

Current Weather and Wind Conditions:

****If a fixed wing evacuation is required, the nearest airstrip is Helmet Airstrip; notify CNRL Helmut – 1-403-513-2001****

3. Ask Dispatcher and Write Down:

Type of Helicopter / Aircraft Coming _____ Estimated Time of Arrival: _____

Level Of Training Of Incoming Individual: _____

Advise dispatcher if the victim is on a backboard or not - this will save time

4. Report Back to First Aid Attendant

LAND EVACUATION

1. Phone

BC Ambulance Fort Nelson (250) 774-2344

. Explain the Situation and Tell Dispatcher:

Name/Age of Worker: _____
Type of Injuries: _____
Location(LSD): _____
Coordinates: _____
Road Directions: _____
Phone Contact: _____
Contact Radio Frequency (RX/TX): Wildboy 5: 166.785 / Tone: 100.00
Meeting Place/ETV Description: _____
Current Road / Weather Conditions: _____

Advise dispatcher that Medic will meet incoming ETV on Sierra High Grade

3. Ask Dispatcher and Write Down:

Estimated Time of Arrival: _____

4. Report Back to First Aid Attendant

OTHER EMERGENCY PHONE NUMBERS:

Nearest Hospital:	Ft. Nelson - (250) 774-8100	WCB (Ft.St.John):**	(800) 663-4630**
RCMP:	Ft. Nelson - (250) 774-2777	<i>**After hours, dispatched to Prince George**</i>	(888) 621-7233
Fire:	Ft. Nelson - (250) 774-2222	Fort Nelson Flight Services(Tower)	(250) 774-3124
Secondary Hospital:	Ft.St.John - (250) 262-5200	Villers Fixed Wing Ft. Nelson	(250)-774-2072
BC O.G.C.	Ft.St.John - (250) 261-5700	Poison Control:	(800) 567-8911
Wildboy Plant:	(250) 774-4550 or (250) 774-4558		

GPS Coordinates: _____ :

Yeka Camp Helipad	N 59deg 33.776	W 121 deg 3.816
- Logistics	N 59deg 33.604	W 121 deg 03.740
Construction Camp	N 59deg 38.36	W 121 deg 09.56
Helmut Airstrip	N 59deg 25.243	W 120 deg 47.336

Road Travel Directions: Travel Sierra High Grade for 188km, turn right onto CNRL High Grade for 17km to the red gate. Continue straight on the "100" road to km 123 (23km) Travers Camp

3.9. Hazard & Risk Assessment

For the purpose of emergency preparedness and response planning, Penn West has established Hazard Planning Zones (HPZs) and Emergency Planning Zones (EPZs) for their operations, by evaluating Penn West's existing wells and pipelines to determine the most significant off site hazards associated with a hydrocarbon release. As a result of these evaluations, hazard planning distances for Penn West's operations in BC have been calculated based on flammability and thermal radiation for all hydrocarbon products, as well as toxicity levels associated with hydrogen sulphide (H₂S), if present in the hydrocarbon stream.

Hazard planning zones for these hazards are calculated using scientifically accepted methods for determining distances based on accepted endpoints, resulting in hazard planning zones that permit holders can adopt as geographic areas surrounding their assets, which may require additional planning and preparations to protect public safety during an incident.

These calculations are included in the well and pipeline listings.

Well Listings are located on page 27 and Pipeline Listings, are located on page 29.

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APPENDIX A – BRIDGING STATEMENT

Mutual aid is an agreement between 2 or more companies / agencies in an area outlining how they will assist each other in responding to an emergency. The agreement defines each responder's responsibilities for providing aid and support during an incident. At this time Penn West has no formal Mutual Aid Agreements in place for the Wildboy / July Lake Field.

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APPENDIX B – SURFACE DEVELOPMENT INFORMATION

Confidential Resident Data is contained only in Penn West and regulator copies of the Emergency Response Plan

There are no Surface Developments within the All Hazard Planning Zones, therefore there is no Confidential Surface Development Data.

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APPENDIX C – PUBLIC INFORMATION PACKAGE

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