



**PRAIRIE SKY DISTRICT**  
**VANTAGE HVP PIPELINE SYSTEM**  
*TRANSMISSION BUSINESS UNIT (TBU)*

**EMERGENCY RESPONSE PLAN**

**24 HOUR EMERGENCY LINE:**  
**1-800-360-4706**

**CONTAINS CONFIDENTIAL INFORMATION**

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# VANTAGE HVP PIPELINE SYSTEM SPECIFIC INFORMATION

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## DISTRIBUTION LIST

Copies of this site-specific section (to work in conjunction with the Corporate ERP) are distributed according to the following distribution list. Overall responsibility for the distribution of the manuals rests with the Emergency Management (EM) Team.

**Note: The manual distribution listing has been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.**









## REVISION RECORD

The Emergency Management (EM) Team in coordination with the District Field Offices/Plants shall be responsible for the maintenance of this ERP. This ERP will be reviewed, validated, and updated regularly, or on an as-needed basis, to ensure all applicable regulations are met.

All updates shall be distributed to each individual plan holder, who will be responsible for incorporating them into their copy of the ERP, as they are received.

Version	Date of Revision	Description of Revisions
1.0	June 2015	Submission of the Pembina Prairie Facilities Ltd. Site Specific Supplement and the Pembina Corporate ERP
1.0	November 2017	Update to the Corporate ERP to include U.S. regulatory information and inclusion of a Pembina operated site-specific supplement to the ERP
2.0	November 2018	Review and update to internal and external contact information, technical data, and area stakeholders. Update distribution list. Update page numbers as needed-Completed Nov 2018
3.0	December 2019	Restructured the ERP document and combined with Empress HVP Pipeline ERP document. Reviewed and completed necessary revisions to content.

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# Emergency Response Plan (ERP) Revision Request Form

EM 5.3.1-FRM V1 11-2017

**NOTE:** If you find any errors in the ERP, or if you become aware of regulatory or industry procedural changes, please document that information and forward to Pembina's Emergency Management (EM) Team for inclusion in the next update of the ERP(s).

**Send to:** Pembina Pipeline Corporation  
4000, 585 – 8 Avenue S.W.  
Calgary, AB T2P 1G1

**Or E-mail:** [Emergency.Management@pembina.com](mailto:Emergency.Management@pembina.com)

ERP REVISION IDENTIFICATION INFORMATION		
ERP NAME:		
VERSION NUMBER/DATE:	SECTION NUMBER:	PAGE NUMBER:
REVISION REQUESTED BY:	ORGANIZATION:	
DESCRIPTION OF REVISION		
RATIONALE		
EM TEAM USE ONLY		
REVIEWED/APPROVED BY:	CORRECTIVE ACTION NO.:	
If not approved, provide explanation and date follow up communication to Requestor completed.:		

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## 1.0 INTRODUCTION

This supplement is intended to work in conjunction with the Pembina Corporate Emergency Response Plan (ERP), which is based on the Incident Command System (ICS).

The Corporate ERP includes:

- Internal notification and activation guidelines
- Response management/organizational details
- Incident classification tools
- Responder roles and responsibilities
- Public protection measures
- Communication strategies and protocols
- Incident investigation and recovery considerations
- Training and exercise expectations
- Forms for incident documentation

It is imperative that company personnel and contractors become familiar with site or system specific related duties and responsibilities outlined in this supplemental ERP. An effective response to any emergency requires preplanning and testing, to ensure all personnel are aware of their duties and that they can effectively implement them.

In preparing this supplement, the following factors were considered, as appropriate:

- Properties/characteristics and quantities of product being transported and/or stored
- Regular activities on site or within the Emergency Planning Zone (EPZ), where established
- Potential consequences to human life and health, as a result of an operational upset
- Potential consequences to the environment, as a result of an operational upset

Personal information that is gathered from stakeholders is governed by the privacy provisions of the applicable Privacy Acts/Laws and is only provided to key emergency responders in the event of an emergency. Personal information is only included in confidential copies of the ERP which are identified in the Distribution List. If notification to surface developments within the EPZ is required, confidential information will be made available to the Canada Energy Regulator (CER)/US Department of Transportation (DOT) upon request.

## 1.1 System Description

### 1.1.1 Vantage HVP Pipeline

Pembina owns and operates the Vantage HVP Pipeline System which transports ethane from Tioga, North Dakota to a tie-in with Pembina's Alberta Ethane Gathering System (AEGS) at Empress, Alberta. The Vantage system involves a total of 789 kilometers (490 miles) of pipeline, which includes four (4) segments, that safely transports ethane into Alberta for use in the petrochemical industry:

- 4 km (2.5 miles) of 10" line in Alberta
- 582 km (362 miles) of 10" line in Saskatchewan
- 128 km (80 miles) of 10" line in North Dakota
- 75 km (47 miles) of 8" line of the West Spur lateral also in North Dakota

Surface facilities include:

- 38 remotely controlled block valves
- Pump stations near Empress, Alberta, as well as pump stations near Carnagh, Aneroid, Assiniboia, and Minton, Saskatchewan

Vantage Pipeline operations are monitored from the Pembina Sherwood Park Control Centre (SPCC) 24 hours a day.

The Emergency Planning Zone (EPZ) for the Vantage Pipeline was determined to extend a distance of 995 metres or 1088 yards on either side of the pipeline. The EPZ for the Vantage Pipeline is located in the southern-most portion of Saskatchewan, Canada in close proximity to the Canada/USA border. Although the pipeline does not run through Montana, USA approximately 6530 yards of the EPZ extends into Sheridan County, Montana, with the remainder of the EPZ in North Dakota, USA.

The portion of the pipeline system within the State of Montana has no residents or surface developments within the EPZ.

Common land uses along the Vantage Pipeline System; located within the south central region of Saskatchewan and Alberta (in Canada), and the central northern region of North Dakota and Montana (in the USA) varies from cattle ranching, agricultural farming and crown/federal land. The remainder of the system is primarily located on privately owned land with residential developments and some level of oil and gas development. Stakeholders within the Vantage HVP Pipeline EPZ include residents, businesses, and other industrial operators.

There are no First Nations/Tribal Reserves within the Vantage HVP Pipeline EPZ.

A portion of the City of Tioga, North Dakota is within the Vantage HVP Pipeline EPZ.

### 1.1.2 Empress HVP Pipeline

The Empress Pipeline is owned by Veresen Midstream General Partner Inc. and Veresen Midstream Limited Partnership, together Veresen Midstream. Veresen Midstream is jointly owned by Pembina Pipeline Corporation (Pembina) and Kohlberg Kravis Roberts (KKR) and contract operated by Pembina.

The NPS 10" (273.1 mm) pipeline is approximately 25 km in length and runs between a tie-in valve in Alberta to a tie-valve in Saskatchewan. The pipeline is used to transport ethane gas between Pembina's AEGS pipeline system and Pembina's Burstall NGL Storage Terminal.

The EPZ for the Empress Pipeline is 900 m.

Empress Pipeline operations are monitored from the Pembina Sherwood Park Control Centre 24 hours a day.

Common land use along the Empress Pipeline; located south and east of the South Saskatchewan River, is primarily agricultural with some grazing lease holders. There is limited oil and gas activity. There is only one (1) full time and one (1) part-time residence included within the Empress Pipeline EPZ by egress and four (4) legacy vacant farmhouses with outbuildings.

There are no First Nations/Tribal Reserves within the Empress EPZ.

The only facility within the Empress EPZ is the Pembina NGL Storage Terminal.

The Empress EPZ falls with Cypress County within Alberta and the RM of Deer Forks No. 232 within Saskatchewan.

**Note: References to physical locations of tie-in points and valves has been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.**

## 1.2 Area Stakeholders

Area stakeholders within the Vantage/Empress Pipeline System EPZ:

Area Stakeholders	
Counties/Rural Municipalities/Cities	
<b>Saskatchewan, Canada</b>	
<ul style="list-style-type: none"> <li>• RM of Arlington No. 79</li> <li>• RM of Auvergne No. 76</li> <li>• RM of Bengough No. 40</li> <li>• RM of Big Stick No. 141</li> <li>• RM of Bone Creek No. 108</li> <li>• RM of Carmichael No. 109</li> <li>• RM of Deer Forks No. 232</li> <li>• RM of Enterprise No. 142</li> <li>• RM of Excel No. 71</li> <li>• RM of Fox Valley No. 171</li> <li>• RM of Grassy Creek No. 78</li> </ul>	<ul style="list-style-type: none"> <li>• RM of Lake Alma No. 8</li> <li>• RM of Lake of the Rivers No. 72</li> <li>• RM of Laurier No. 38</li> <li>• RM of Piapot No. 110</li> <li>• RM of Pinto Creek No. 75</li> <li>• RM of Souris Valley No. 7</li> <li>• RM of Stonehenge No. 73</li> <li>• RM of Surprise Valley No. 9</li> <li>• RM of The Gap No. 39</li> <li>• RM of Willow Bunch No. 42</li> <li>• RM of Wise Creek No. 77</li> <li>• RM of Wood River No. 74</li> </ul>
<b>Alberta, Canada</b>	
<ul style="list-style-type: none"> <li>• Cypress County</li> </ul>	
<b>Montana, USA</b>	
<ul style="list-style-type: none"> <li>• Sheridan County</li> </ul>	
<b>North Dakota, USA</b>	
<ul style="list-style-type: none"> <li>• Divide County</li> <li>• Williams County</li> <li>• City of Tioga</li> </ul>	
Waterways	
<ul style="list-style-type: none"> <li>• Scorio Creek</li> <li>• Cottonwood Creek</li> <li>• Pats Coulee</li> <li>• Willow Creek</li> <li>• Cow Creek</li> <li>• Blacktail Creek</li> <li>• Lynthorpe Creek</li> <li>• Wood River SW</li> <li>• Pinto Creek SW</li> <li>• Notukeu Creek</li> <li>• Notukeu Creek</li> </ul>	<ul style="list-style-type: none"> <li>• Notukeu Creek</li> <li>• Painted Woods Creek</li> <li>• Grassy Creek</li> <li>• Rock Creek</li> <li>• Swift Current Creek</li> <li>• Bone Creek</li> <li>• Bridge Creek</li> <li>• Skull Creek</li> <li>• Piapot Creek</li> <li>• Maple Creek</li> </ul>

Note: References to physical locations of tie-in points and valves has been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.



<b>Area Stakeholders</b>	
<b>Railways</b>	
<b>Canada</b>	
<ul style="list-style-type: none"> <li>• Canadian Pacific</li> <li>• Great Sandhills Railway</li> <li>• Great Western Railway</li> </ul>	
<b>USA</b>	
<ul style="list-style-type: none"> <li>• Dakota Missouri Valley Western</li> <li>• Burlington Northern Santa Fe</li> </ul>	
<b>Highways</b>	
<b>Canada</b>	
<ul style="list-style-type: none"> <li>• Highway 1</li> <li>• Highway 2</li> <li>• Highway 4</li> <li>• Highway 6</li> <li>• Highway 13</li> <li>• Highway 18</li> <li>• Highway 19</li> <li>• Highway 21</li> <li>• Highway 34</li> <li>• Highway 36</li> <li>• Highway 37</li> <li>• Highway 58</li> <li>• Highway 321</li> </ul>	<ul style="list-style-type: none"> <li>• Highway 358</li> <li>• Highway 371</li> <li>• Highway 545</li> <li>• Highway 610</li> <li>• Highway 611</li> <li>• Highway 628</li> <li>• Highway 631</li> <li>• Highway 633</li> <li>• Highway 635</li> <li>• Highway 705</li> <li>• Highway 724</li> <li>• Highway 728</li> </ul>
<b>North Dakota, USA</b>	
<ul style="list-style-type: none"> <li>• Highway 5</li> <li>• Highway 8</li> <li>• Highway 10</li> <li>• Highway 40</li> </ul>	<ul style="list-style-type: none"> <li>• Highway 42</li> <li>• Highway 50</li> <li>• Route 85</li> </ul>
<b>Grazing/Pasture Leases</b>	
<b>Canada</b>	
<ul style="list-style-type: none"> <li>• Big Stick Community Pasture</li> <li>• Darren &amp; Dana Anhorn</li> <li>• Darren Mertin</li> <li>• Drowning Ford Grazing Co-op</li> <li>• Linacre Grazing Co-Op</li> <li>• Maverick Grazing Co-Op</li> <li>• Ronald Howe</li> </ul>	<ul style="list-style-type: none"> <li>• Meyronne Pasture</li> <li>• Red Anchor Ranches Inc.</li> <li>• Snowdown Grazing Co-Op</li> <li>• The Gap Community Pasture</li> <li>• The Seventy-Six Grazing Co-op</li> <li>• Verwood Grazing Co-Op</li> <li>• Willow Bunch Community Pasture</li> </ul>

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## 2.0 CONTACT NUMBERS

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

### 2.1 Pembina Corporate Contacts

Name	Location	Phone Number
<b>Corporate Contact Numbers</b>		
24-Hr Emergency Sherwood Park Control Centre	Sherwood Park, AB	1-800-360-4706
Emergency Management 24-Hr On-Call	Calgary, AB	
Crisis Communication Team 24-Hr On-Call	Calgary, AB	
Environment 24-Hr On-Call	Calgary, AB	
Corporate EOC - Room 34-103	Calgary, AB	
Head Office - Main Reception (Business Hours)	Calgary, AB	403-231-7500
Aboriginal and Community Relations	Calgary, AB	
Sherwood Park Control Centre Foreman 1	Sherwood Park, AB	
<b>Transmission Business Unit (TBU) Contact Numbers</b>		
General Manager, Operations	Calgary, AB	
Sr. Manager, Engineering	Calgary, AB	
Manager AEGS/Vantage District	Sherwood Park, AB	

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<b>Corporate Internal Technical Resources</b>	
<b>Emergency Management</b>	
ICS, emergency management, sensitive environment response, regulatory compliance, spill containment & recovery, environmental assessment, wildlife management response logistics, public protection support	
<b>Communications</b>	
Media relations, crisis communications, corporate spokesperson, corporate website/dark site administrator, public relations strategist	
<b>Security</b>	
Security Management & Security Threat Response	
<b>Environment</b>	
Environmental response, environmental management, environmental sampling, sensitive environment response, wildlife management, regulatory compliance, environmental assessment	
<b>GIS / Mapping</b>	
GIS and mapping support, GIS layer sourcing, data visualization	
<b>Regulatory</b>	
Regulatory compliance, regulatory affairs, regulatory liaison	
<b>Land</b>	
Surface lands compliance, access negotiation, public information, landowner compensation	
<b>Safety</b>	
Site safety, risk assessment, project safety, safety plan development	
<b>Supply Chain</b>	
Vendor approvals, logistics, vendor on-boarding, vendor selection. Including access to Pembina's aviation category specialist.	
<b>Information Systems</b>	
IT management, IT security, IT resourcing, IT process and system compliance	
<b>Finance</b>	
Finance and admin, project costing, PO development, AFE development, cost tracking, financial systems	

2.2 Pembina Field Contacts

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name	Position	Cell	Office
<b>Designated Incident Commander(s) / Deputy Incident Commander(s)</b>			
<b>Designated Safety Officer(s)</b>			
<b>Designated Liaison Officer(s)</b>			
<b>Designated Public Information Officer(s)</b>			
<b>Designated Scribe(s)</b>			
<b>Designated Logistics Section Chief(s)</b>			
<b>Designated Planning Section Chief(s)</b>			
<b>Designated Finance / Admin Section Chief(s)</b>			
<b>Designated Operations Section Chief(s)</b>			

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name	Position	Cell	Office
<b>Additional Support Personnel</b>			
<b>AEGS Operations</b>			
<b>Burstall NGL Storage Facility</b>			

\* \_\_\_\_\_ is on retainer by Pembina Pipeline to provide Incident Command Subject Matter Experts (SME) in the event of an emergency along the Vantage and Empress HVP Pipeline Systems.

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Registered Shock Trauma Air Rescue Society (STARS) Sites	

**Radiation Safety Officers (RSO)**

If notified of damage to a radiation device/ nuclear gauge:

1. Call the area Site RSO immediately to respond to the site.
2. Confirm they will secure the area and will measure the hazard with a radiation survey meter.
3. Notify the Corporate RSO of the issue, and the immediate response taken.
4. Corporate RSO will contact corporate management and the Canadian Nuclear Safety Commission.

These units are licensed by the Canadian Nuclear Safety Commission, they have strict requirements for managing these units, and notification of incidents.

Site RSO		
Office	Contact	Phone
	<b>CBU</b>	
	<b>OBU</b>	

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## 2.3 Alberta

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

### 2.3.1 Emergency Services

Name of Organization	Address	City / Town	Phone Number
<b>Police</b>			
Redcliff RCMP Detachment - 16 Members			
<b>Ambulance</b>			
Alberta Air Ambulance			
STARS Emergency Link Centre			
STARS Direct Line When Calling from a Satellite Phone			
<b>Hospitals</b>			
Medicine Hat Regional Hospital			
Big Country Hospital			
<b>Emergency Response Assistance Canada (ERAC)</b>			
Pembina ERP Reference Number LPG Products (NGL Corporation):			
<b>Fire Department</b>			
City of Medicine Hat Fire Station #1			
City of Medicine Hat Fire Station #2			
City of Medicine Hat Fire Station #3			

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Municipality	Name of Organization	Contact	Title	Phone Number
<b>Fire / EMS &amp; RM Emergency Management</b>				
Cypress County	135 Volunteers	Medical Response: Medical first response - 118	Pipeline Training: No	Equipment: 13 Pumper Units—1 Tanker 11 Grass Units—2 Light Rescue Units

2.3.2 Government Contacts

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Agency	Reporting	Location	Phone Number
<b>Regulators</b>			
Transportation Safety Board (TSB)	24-Hr Pipeline Emergency Reporting <ul style="list-style-type: none"> <li>• Immediately Reportable on any CER regulated pipeline or facility should be reported immediately (ASAP and no later than three hours of the incident being discovered) to the TSB’s reporting hotline.</li> <li>• Events not deemed “significant” must be reported within 24 hours of occurrence or discovery to CER’s Online Event Reporting System.</li> </ul>		
Canada Energy Regulator (CER)	Non-Emergency or Emergency unrelated to a pipeline <ul style="list-style-type: none"> <li>• Immediately Reportable on any CER regulated pipeline or facility should be reported immediately (ASAP and no later than three hours of the incident being discovered) electronically in the CER’s OERS.</li> <li>• Events not deemed “significant” must be reported within 24 hours of occurrence or discovery to CER’s Online Event Reporting System.</li> </ul>		

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Agency	Reporting	Location	Phone Number
<b>Regulators</b>			
Environment and Climate Change Canada via Alberta Environment and Parks (AEP)	Regulations do not specify and quantified thresholds; therefore, all environmental emergencies involving a E2 regulated substance must be reported. <ul style="list-style-type: none"> <li>• a <b>verbal notification</b> is to be made as soon as possible</li> <li>• a <b>written report</b> should be made within 30 days</li> </ul>		
<b>Local Authority</b>			
Cypress County	<ul style="list-style-type: none"> <li>• Must notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Must notify at a Level 2 and 3 Emergency</li> </ul>		
<b>Health Authority</b>			
Alberta Health Services (AHS) South Zone	<ul style="list-style-type: none"> <li>• Must notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Must notify at a Level 2 and 3 Emergency</li> </ul>		

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Agency	Reporting	Location	Phone Number
<b>Regulators</b>			
Alberta Energy Regulator (AER) & Environmental Response	<b>Verbal notification</b> immediately: <ul style="list-style-type: none"> <li>• At a Level 1, 2 or 3 Emergency</li> <li>• If members of the public or media are contacted</li> <li>• Any substance release that may cause, is causing, or has caused an adverse effect</li> <li>• Any substance release into a waterbody</li> <li>• Any uncontrolled gas release of more than 30,000 m<sup>3</sup></li> <li>• Any well flowing uncontrolled</li> <li>• Pipeline hits</li> <li>• Any unrefined product release of more than 2 m<sup>3</sup> on lease</li> <li>• Any unrefined product release of any amount off lease</li> <li>• Any pipeline release or pipeline break (including during pressure testing)</li> <li>• Any fire that caused by a flare or incinerator</li> <li>• Any fire causing a loss of more than 2 m<sup>3</sup> of oil or 30,000 m<sup>3</sup> of gas, or causing damage to a wellhead</li> <li>• Any fire that occurs on an oil sands site that results in the deployment of major firefighting equipment</li> </ul>		

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Agency	Reporting	Location	Phone Number
Alberta Emergency Management Agency (AEMA) (Municipal Affairs Ministry) Agency Response Readiness Centre (ARRC)	<ul style="list-style-type: none"> <li>• If required, as a courtesy, to report a spill, gas release, fire/explosion, or when there is impact to the public</li> </ul>		
Alberta Transportation Southern Region	<ul style="list-style-type: none"> <li>• To report when a single or double numbered highway is or may be impacted by a spill, release, or fire/explosion</li> </ul>		
Occupational Health & Safety	<ul style="list-style-type: none"> <li>• To report danger to a worker from a spill, release or fire/explosion</li> <li>• To report a fatality (within 24 hours) or a serious injury (within 72 hours)</li> </ul>		
Alberta Workers Compensation Board (WCB)	<ul style="list-style-type: none"> <li>• To report a fatality (within 24 hours) or a serious injury (within 72 hours)</li> </ul>		
Alberta One-Call	<ul style="list-style-type: none"> <li>• As a courtesy, to report a spill or gas release</li> </ul>		
Canadian Transport Emergency Centre (CANUTEC)	<ul style="list-style-type: none"> <li>• To report a transportation related incident including a spill, release or fire</li> </ul>		

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Agency	Reporting	Location	Phone Number
NAV Canada (Civil Aviation Contingency Section)	<ul style="list-style-type: none"> <li>To request a Notice to Airmen (Closure of Air Space) in consultation with the appropriate government authorities</li> </ul>		
Health Link Alberta	<ul style="list-style-type: none"> <li>To request expertise and advice</li> </ul>		
Poison & Drug Information Services	<ul style="list-style-type: none"> <li>To request expertise and advice</li> </ul>		

### 2.3.3 Government Agency Mutual Aid

In addition to the standard government agency duties listed in the Corporate ERP, consultations were conducted with the following local agencies.

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

**The following Response Support Services provided by Municipalities, Counties and Local Authorities for Alberta may include, but not be limited to, the following:**

- Initiates and manages the local disaster services response in accordance with their county or municipality
- Ensures all local emergency and public information services are available
- (Public Information Releases will be coordinated with the Company’s Public information Officer to ensure consistency of key messages)
- If required, activates the appropriate Emergency Operations Centre and coordinate activities at this Centre
- Upon request, may assist with set-up and administration of Reception Centre
- Provide support in notifying member of the public using, resources and emergency alert systems at their disposal
- May assist with arrangement of temporary accommodations for residents who have been evacuated
- May assist with set up and maintenance of road blocks
- May assist with fire protection
- If necessary, may declare a *State of Local Emergency* to provide local authorities with special powers

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Transportation Safety Board (TSB)</b>				
<b>Contact Type</b>	<b>City / State</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>



Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Canada Energy Regulator Onshore Pipeline Regulations (OPR)</b>				
<b>Contact Type</b>	<b>City / State</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Canada Energy Regulator Onshore Pipeline Regulations (OPR)</b>				
<b>Contact Type</b>	<b>City / State</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Cypress County - Alberta</b>				
<b>City / Town</b>	<b>Main Phone Number</b>	<b>24-Hr Number</b>	<b>Contact Name</b>	<b>Contact Title</b>
<b>Roles and Responsibilities</b>				

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Cypress County - Alberta</b>
<b>Available Resources</b>
<b>Urban Centre Emergency Response</b>
<b>Unified Command</b>
<b>Emergency Operations Centre (s)</b>
<b>Reception Centre (s)</b>

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Alberta Health Services (AHS)</b>			
<b>Contact Type</b>	<b>Zone</b>	<b>24-Hr Number</b>	<b>Alternate Contact</b>
<b>Environmental Public Health Roles and Responsibilities</b>			

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Alberta Health Services (AHS)</b>

**2.3.4 Emergency Response Support Services**

Vendors that provide support services during regular operations may also be utilized during an emergency; however, contact information for those services is maintained outside of this plan.

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Accommodations</b>				
<b>Aircraft Fixed Wing</b>				
<b>Air Monitoring</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Backhoes</b>				
<b>Communications</b>				
<b>Construction Equipment</b>				



Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

<b>Company Name</b>	<b>Equipment / Services</b>	<b>Location</b>	<b>Main Number</b>	<b>24-Hr Number</b>
<b>Cranes</b>				
<b>Electrical Contractors</b>				
<b>Emergency Management Support</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Environmental Contractors</b>				
<b>Fire Fighting</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Flare Stack (Portable)</b>				
<b>General Contractors</b>				
<b>Helicopters</b>				
<b>Line Locators</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Media</b>				
<b>Pipeline Inspection</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Railways</b>				
<b>Rental Companies</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Spill Response</b>				
<b>Supply Stores</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Welders</b>				
<b>Wildlife Management Contractors</b>				
<b>Wildlife Rehabilitation</b>				

### 2.3.5 Reception Centres

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

To ensure a coordinated response, the Reception Centre(s) is ideally activated jointly by Pembina Pipeline and the Local Authority. These agencies have pre-established locations throughout the Municipality and should be notified early to discuss site options. Hotels/Motels may be considered in situations where immediate access is required or a location is required outside of normal business hours.

Name	Location	Amenities	Main Contact



2.3.6 School Districts

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name	City / Town	Contact	Phone
Prairie Rose School Division No. 8			
Medicine Hat Catholic Separate Regional Division No. 20			
Ecole Les Cypress			
<b>School Board - Roles &amp; Responsibilities</b>			

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## 2.4 Saskatchewan

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

### 2.4.1 Emergency Services

Name of Organization	Address	City / Town	Phone Number
<b>Police</b>			
Assiniboia RCMP Detachment—5 Members			
Coronach RCMP Detachment—7 Members			
Gravelbourg RCMP Detachment—5 Members			
Leader RCMP Detachment—5 members			
Maple Creek RCMP Detachment—7 Members			
Ponteix RCMP Detachment			
Shaunavon RCMP Detachment—5 Members			
Swift Current RCMP Detachment (Rural)			
Weyburn RCMP Detachment—9 Members			
<b>Ambulance</b>			
Estevan Ambulance			
STARS Air Ambulance			
Shaunavon Ambulance			
Swift Current Ambulance			
Saskatchewan Air Ambulance			
Leader and District Integrated Health Facility			

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name of Organization	Address	City / Town	Phone Number
<b>Hospitals</b>			
Assiniboia Union Hospital			
Shaunavon Hospital			
Cypress Regional Hospital			
St. Joseph's Hospital			
Leader Hospital			
<b>Emergency Response Assistance Canada (ERAC)</b>			
Pembina ERP Reference Number			
LPG Products (NGL Corporation):			

Municipality	Name of Organization	Contact	Title	Phone Number
<b>Fire / EMS &amp; RM Emergency Management</b>				
RM of Arlington, Bone Creek, Grassy Creek, Wise Creek	Shaunavon & District Fire & Rescue			
	Manpower: 17 Volunteers	Medical Response: First Responders - 5	Pipeline Training: No	Equipment: 3 Pumper Units 2 Command Units
RM of Auvergne	Ponteix Fire Hall			
	Manpower: 15 Volunteers	Medical Response: EMT - 1	Pipeline Training: No	Equipment: 1 Rescue Unit 2 Pumper Units

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Municipality	Name of Organization	Contact	Title	Phone Number
<b>Fire / EMS &amp; RM Emergency Management</b>				
RM of Bengough	Bengough Fire Department			
	Manpower: 19 Volunteers	Medical Response: EMT - 2	Pipeline Training: No	Equipment: 2 Ambulances - 2 Pumper Units - 1 Rapid Response
RM of Big Stick	Golden Prairie Fire Department			
	Manpower: 23 Volunteers	Medical Response: N/A	Pipeline Training: No	Equipment: 1 Pumper Unit – 1 Grass Unit
RM of Carmichael	Gull Lake Fire Department			
	Manpower: 14 Volunteers	Medical Response: EMT - 4	Pipeline Training: No	Equipment: 2 Pumper Units 1 Rescue Unit - 1 Ambulance
RM of Deer Forks	Burstall Fire Department			
	Manpower: 20 Volunteers	Medical Response: First Responder - 8 (Stabilization only - no transport) Emergency Response Mgmt Operations - 12	Pipeline Training: No	Equipment: 1 Fire Unit - 1 Rescue Unit 1 Grass Unit 1 Ambulance

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Municipality	Name of Organization	Contact	Title	Phone Number
<b>Fire / EMS &amp; RM Emergency Management</b>				
RM of Enterprise	Richmond Fire Department			
	Manpower: 12 Volunteers	Medical Response: EMS - 3	Pipeline Training: No	Equipment: 1 Pumper Unit - 1 Grass Unit 1 Rescue Unit 1 Wildland Unit
RM of Excel	Viceroy Fire Department			
	Manpower: 8 Volunteers	Medical Response: N/A	Pipeline Training: No	Equipment: 1 Pumper Unit - 3 Graders 2 Tanker Trucks
RM of Fox Valley	Fox Valley Fire Department			
	Manpower: 30 Volunteers	Medical Response: First Responders - 7	Pipeline Training: No	Equipment: 1 Pumper Unit 2 Grass Units
RM of Lake Alma & RM of Laurier	Radville & Laurier Fire Department			
	Manpower: 22 Volunteers	Medical Response: N/A	Pipeline Training: No	Equipment: 2 Utility Trucks 1 Pumper Truck

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Municipality	Name of Organization	Contact	Title	Phone Number
<b>Fire / EMS &amp; RM Emergency Management</b>				
RM of Lake of the Rivers	Assiniboia Fire Department			
	Manpower: 19 Volunteers	Medical Response: Former EMT - 3	Pipeline Training: No	Equipment: 1 Pumper Unit - 1 Tanker 1 Bush Truck - 1 Rescue Unit
RM of Piapot	Piapot Fire Department			
	Manpower: 35 Volunteers	Medical Response: N/A	Pipeline Training: No	Equipment: 2 Grass Units
RM of Pinto Creek	Kincaid Rural Fire Department			
	Manpower: 15 Volunteers	Medical Response: First Responders - 3	Pipeline Training: No	Equipment: 2 Fire Units 1 Utility Rescue Unit
RM of Souris Valley	Lake Alma & Fortuna Rural Fire Department			
	Manpower: 32 Volunteers	Medical Response: First Responders - 6	Pipeline Training: No	Equipment: 4 Grass Units 2 Tanker Units

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Municipality	Name of Organization	Contact	Title	Phone Number
<b>Fire / EMS &amp; RM Emergency Management</b>				
RM of Surprise Valley	Minton Fire Department			
	Manpower: 20-30 Volunteers	Medical Response: First Responders - 3	Pipeline Training: No	Equipment: 1 Tanker Truck
RM of Stonehenge	Limerick Fire Association			
	Manpower: 20 Volunteers	Medical Response: First Responders - 2	Pipeline Training: No	Equipment: 1 Pumper Unit 1 Tanker Unit
RM of The Gap	Ceylon & District Fire Protection			
	Manpower: 45 Volunteers	Medical Response: N/A	Pipeline Training: No	Equipment: 1 Pumper Unit
RM of Willow Bunch	Town of Willow Bunch Volunteer Fire Department			
	Manpower: 19 Volunteers	Medical Response: First Responders - 3	Pipeline Training: No	Equipment: 3 Pumper Units equipped for foam



Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Municipality	Name of Organization	Contact	Title	Phone Number
<b>Fire / EMS &amp; RM Emergency Management</b>				
RM of Wood River	Lafleche & Wood River Fire Department			
	Manpower:  17 Volunteers	Medical Response:  First Responders - 1	Pipeline Training:  No	Equipment: 1 Tanker Truck - 1 Pumper Unit - 1 Rescue Unit 1 Brush Unit

2.4.2 Government Contacts

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Location	Phone Number
<b>Regulators</b>			
Transportation Safety Board (TSB)	24-Hr Pipeline Emergency Reporting: <ul style="list-style-type: none"> <li>• Immediately Reportable Events on any CER regulated pipeline or facility should be reported immediately (ASAP and no later than three hours of the incident being discovered) to the TSB’s reporting hotline.</li> <li>• Events not deemed “significant” must be reported within 24 hours of occurrence or discovery to CER’s Online Event Reporting System.</li> </ul>		
Canada Energy Regulator (CER)	Non-Emergency or Emergency unrelated to a pipeline <ul style="list-style-type: none"> <li>• Immediately Reportable Events on any CER regulated pipeline or facility should be reported immediately (ASAP and no later than three hours of the incident being discovered) electronically in the CER’s OERS.</li> <li>• Events not deemed “significant” must be reported within 24 hours of occurrence or discovery to CER’s Online Event Reporting System.</li> </ul>		

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Location	Phone Number
<b>Local Authority</b>			
RM of Arlington No. 79	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Auvergne No. 76	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Bengough No. 40	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Big Stick No. 141	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Bone Creek No. 108	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Carmichael No. 109	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Deer Forks No. 232	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Enterprise No. 142	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Excel No. 71	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		

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Agency	Reporting	Location	Phone Number
RM of Fox Valley No. 171	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Grassy Creek No. 78	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Lake Alma No. 8	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Lake of the Rivers No. 72	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Laurier No. 38	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Piapot No. 110	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Pinto Creek No. 75	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Souris Valley No. 7	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Stonehenge No. 73	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Surprise Valley No. 9	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Location	Phone Number
RM of The Gap No. 39	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Willow Bunch No. 42	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Wise Creek No. 77	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
RM of Wood River No. 74	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		
<b>Health Authority</b>			
Saskatchewan Health Authority	<ul style="list-style-type: none"> <li>• Notify at a Level 1 Emergency if members of the public or media have been contacted</li> </ul>		
	<ul style="list-style-type: none"> <li>• Notify at a Level 2 and 3 Emergency</li> </ul>		

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Location	Phone Number
Saskatchewan Ministry of Energy and Resources (SER)	<ul style="list-style-type: none"> <li>• Call the ministry's Emergency Support Line, in the event of a spill.</li> <li>• The operator or licensee of a well, facility, pipeline or flowline must provide notification of an incident and provide details to the ministry.</li> <li>• If an upstream product or waste is being transported, the upstream owner of the product is responsible for reporting incidents that occur.</li> </ul>		
Saskatchewan Ministry of Environment	<ul style="list-style-type: none"> <li>• Call the Ministry of Environment Emergency Spill line to report a spill</li> <li>• Download, complete and submit a Spill Report Form within 30 days of the date the discharge occurred</li> </ul>		
Saskatchewan Emergency Management and Fire Safety	<ul style="list-style-type: none"> <li>• If required, as a courtesy, to report a spill, gas release, fire/explosion, or when there is impact to the public</li> </ul>		
Sask 1 Call	<ul style="list-style-type: none"> <li>• To request emergency locates and, as a courtesy, to report a spill or gas release</li> </ul>		
Saskatchewan Workers Compensation Board (WCB)	<ul style="list-style-type: none"> <li>• To report a fatality (within 24 hours) or a serious injury (within 72 hours)</li> </ul>		
Wildfire Management Branch	<ul style="list-style-type: none"> <li>• To report a wildfire, inquire about wildfire smoke and air quality, highway conditions, fire bans</li> </ul>		

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Location	Phone Number
WorkSafe Saskatchewan	<ul style="list-style-type: none"> <li>For inquiries and to report an incident</li> </ul>		
Saskatchewan Highways and Infrastructure	<ul style="list-style-type: none"> <li>To inquire about road conditions</li> </ul>		

### 2.4.3 Government Agency Mutual Aid

In addition to the standard government agency duties listed in the Corporate ERP, consultations were conducted with the following local agencies.

**The following Response Support Services provided by Municipalities, Counties and Local Authorities for Saskatchewan, (based on resources) may include, but not be limited to, the following**

- Initiates and manages the local disaster services response in accordance with their county or municipality
- Ensures all local emergency and public information services are available (Public Information Releases will be coordinated with the Company’s Public information Officer to ensure consistency of key messages)
- If required, activates the appropriate Emergency Operations Centre and coordinate activities at this Centre
- Upon request, may assist with set-up and administration of Reception Centre
- Provide support in notifying member of the public using, resources and emergency alert systems at their disposal
- May assist with arrangement of temporary accommodations for residents who have been evacuated
- May assist with set up and maintenance of road blocks
- May assist with fire protection
- If necessary, may declare a *State of Local Emergency* to provide local authorities with special powers.

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Transportation Safety Board (TSB)</b>				
<b>Contact Type</b>	<b>City / State</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>
Industry Regulatory	Federal			



Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Canada Energy Regulator Onshore Pipeline Regulations</b>				
<b>Contact Type</b>	<b>City / State</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Canada Energy Regulator Onshore Pipeline Regulations</b>				
<b>Contact Type</b>	<b>City / State</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>

<b>Province of Saskatchewan</b>

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>Saskatchewan Public Safety Agency (SPSA)</b>				
<b>Contact Type</b>	<b>Municipality / City / Town</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>RM of Deer Forks No. 232</b>				
<b>Contact Type</b>	<b>Municipality</b>	<b>Main Contact</b>	<b>Contact Name / Title</b>	<b>24-Hr Number</b>
<b>Roles and Responsibilities</b>				
<b>Unified Command</b>				

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>RM 232 – DEER FORKS</b>
<b>Emergency Operations Centre(s)</b>
<b>Reception Centre(s)</b>
<b>Municipal Resources</b>

<b>Saskatchewan Health Authority</b>		
<b>Contact Type</b>	<b>Contact Name / Title</b>	<b>24-Hr Number</b>
<b>Roles and Responsibilities</b>		
<b>Municipal Resources</b>		

2.4.4 Emergency Response Support Services

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Vendors that provide support services during regular operations may also be utilized during an emergency; however, contact information for those services is maintained outside of this plan.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Accommodations</b>				
<b>Aircraft Fixed Wing</b>				
<b>Air Monitoring</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Backhoes</b>				
<b>Communications</b>				
<b>Construction Equipment</b>				
<b>Cranes</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Electrical Contractors</b>				
<b>Emergency Management Support</b>				



Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment / Services	Location	Main Number	24-Hr Number
<b>Environmental Contractors</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Fire Fighting</b>				
<b>Flare Stack (Portable)</b>				
<b>General Contractors</b>				
<b>Helicopters</b>				
<b>Media</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Pipeline Inspection</b>				
<b>Railways</b>				
<b>Rental Companies</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Spill Response</b>				
<b>Supply Stores</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Welders</b>				
<b>Wildlife Management Contractors</b>				
<b>Wildlife Rehabilitation</b>				

### 2.4.5 Reception Centres

To ensure a coordinated response, the Reception Centre(s) is ideally activated jointly by Pembina Pipeline and the Local Authority. These agencies have pre-established locations throughout the Municipality and should be notified early to discuss site options. Hotels/Motels may be considered in situations where immediate access is required or a location is required outside of normal business hours.

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name	Location	Amenities	Main Contact

2.4.6 School Districts

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name	City / Town	Contact	Phone
Chinook School District 211			
Holy Trinity R.C.S.S.D. No 22			
Prairie South School District 210			
South East Cornerstone School District 209			
Region Scolaire de La Vieille DS 310			
<b>School Board – Roles &amp; Responsibilities</b>			
<p>In the event of an emergency the School District will be contacted by Pembina and advised of the situation. The School District in consultation with impacted schools will determine appropriate protocol for students whose homes have been evacuated and advise school buses appropriately. The affected School Division will contact its Student Transportation Department and advise of any detours or re-routes. The School Division in consultation with impacted schools will determine appropriate protocol for students whose homes have been evacuated and advise school buses appropriately. Dependent on the time of day, the School District may direct students to be returned to the school or may direct buses to deliver students to the designated Reception Centre.</p>			

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2.5 Montana

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

2.5.1 Emergency Services

Name of Organization	Address	City / Town	Phone Number
<b>Police</b>			
Sheridan County Sheriff		Plentywood, MT	
<b>Ambulance</b>			
Sheridan Memorial Hospital / Ambulance		Plentywood, MT	
<b>Hospitals</b>			
Sheridan Memorial Hospital / Ambulance		Plentywood, MT	

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name of Organization	Contact	Title	Training	Phone Number
<b>Sheridan County Fire Departments</b>				
Plentywood Rural Fire District 1	Manpower: Unknown	Medical Response: N/A	Pipeline Training: No	Equipment: 3 Pumper Units 3 Tanker Unit
Outlook Rural Fire	Manpower: Unknown	Medical Response: N/A	Pipeline Training: No	Equipment: 3 Grass Units 1 Tanker/Grass Unit 1 Tanker Unit

All of the above Fire Departments are all able to assist Pembina's Pipelines with the following support:

- Notify Residents and/or evacuate the hazard area
- If safe to do so, contain, prevent and extinguish secondary fires (e.g. grass fires) that may result
- Provide roadblock assistance

2.5.2 Government Contacts

*Note: At this time there are no surface developments within the EPZ/Buffer Zones in Montana.*

**Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.**

Agency	Details	Phone Number
US Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA)	<ul style="list-style-type: none"> <li>Report through PHMSA within 30 days of the incident, and a follow-up written report within one year of the incident, based on certain circumstances, to be reported to PHMSA through the Hazardous Materials Incident Report Form</li> </ul>	
PHMSA –Pipeline Safety Western Region office (Montana)	<ul style="list-style-type: none"> <li>Oversees the safe and secure movement of daily shipments of hazardous materials by all modes of transportation.</li> </ul>	
US Environmental Protection Agency (EPA) 24-Hr National Response Center (NRC)	<ul style="list-style-type: none"> <li>Phone once the pre-determined reportable quantity release limit is reached. Propane final RQ is 1000lb or 454kg</li> </ul>	
US Environmental Protection Agency EPA Region 8 (Montana & North Dakota)	<ul style="list-style-type: none"> <li>Phone to Report Environmental Violations (oil or chemical spills) in Montana and North Dakota</li> </ul>	
Montana Disaster and Emergency Services (DES)	<ul style="list-style-type: none"> <li>Phone 24-hr Response Branch to report an incident and/or request assistance</li> </ul>	
Federal OSHA Region 8 (Montana)	<ul style="list-style-type: none"> <li>covers private sector employers and workers in Montana</li> <li>ensure safe and healthful working conditions for working men and women by setting and enforcing standards and by providing training, outreach, education and assistance.</li> </ul>	

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Phone Number
Sheridan County Disaster Emergency Services (DES) Joe Wirtz, Sheridan County Primary DES Coordinator	<ul style="list-style-type: none"> <li>DES works closely with the County Rural Emergency Medical Services (EMS) and Rural Volunteer Fire Districts in the surrounding towns</li> </ul>	
Montana Department of Transportation	<ul style="list-style-type: none"> <li>For hazardous emergency reporting, contact the Emergency number (Montana Highway Patrol) and report the roadway, the closest mile marker, and the direction of travel</li> </ul>	

**2.5.3 Government Agency Mutual Aid**

In addition to the standard government agency duties listed in the Corporate ERP, consultations were conducted with the following local agencies.

*Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.*

**Department of Transportation (DOT) - Pipeline and Hazardous Materials Safety Administration (PHMSA)**

The Vantage Pipeline falls within the jurisdiction of PHMSA's Central Region Office. The offices are charged with overseeing the safe and secure movement of daily shipments of hazardous materials by all modes of transportation, as well as ensuring the safe, reliable, and environmentally sound operation of the nation's pipeline infrastructure.

PHMSA is a U.S. Department of Transportation (DOT) agency that develops and enforces regulations for the safe, reliable, and environmentally sound operation of pipeline transportation system in the US and daily shipments of hazardous materials by land, sea, and air. From the federal level, they oversee the development and implementation of regulations concerning pipeline construction, maintenance and operation, and share these responsibilities with their state regulatory partners. The pipeline safety regulations implement the laws found in the U.S. Code.

PHMSA's role in support to pipeline incidents is to reach out to emergency responders to ensure the preparedness and response communities are fully primed to deal with any type of hazardous material or pipeline incident. PHMSA provides technical expertise to industry and works closely with the response community to ensure the transportation system remains safe.

**Montana Disaster and Emergency Services (DES)**

Contact Type	Agency type	Main Contact	24-Hr Number	Alternate Phone

#### 2.5.4 Emergency Response Support Services

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Vendors that provide support services during regular operations may also be utilized during an emergency; however, contact information for those services is maintained outside of this plan.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Spill Response</b>				
SWAT Consulting	On retainer with Pembina to assist in: Emergency Management Direction, incident clean-up, manages equipment requirements; provide training and awareness programs to local First Responders.			
<b>Wildlife Management Contractors</b>				
Allstate Animal Control	Oil, Gas & Utility Company Field Support, Trapping, Removal, Damage Repair, Animal Blockout, Contamination Clean-up			
<b>Media</b>				
Sheridan County News				
KATQ Radio International				

### 2.5.5 Reception Centres

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

To ensure a coordinated response, the Reception Centre(s) is ideally activated jointly by Pembina Pipeline and the Local Authority. These agencies have pre-established locations throughout the Municipality and should be notified early to discuss site options. Hotels/Motels may be considered in situations where immediate access is required or a location is required outside of normal business hours.

Name	Location	Amenities	Main Contact

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

2.5.6 School Districts

Name	City / Town	Contact	Phone
Sheridan County School District (Plentywood)			
Westby School District			
<b>School Board - Roles &amp; Responsibilities</b>			
<p>In the event of an emergency the School District will be contacted by Pembina and advised of the situation. The School District in consultation with impacted schools will determine appropriate protocol for students whose homes have been evacuated and advise school buses appropriately. The affected School Division will contact its Student Transportation Department and advise of any detours or re-routes. The School Division in consultation with impacted schools will determine appropriate protocol for students whose homes have been evacuated and advise school buses appropriately dependent on the time of day, the School District may direct students to be returned to the school or may direct buses to deliver students to the designated Reception Centre.</p>			



## 2.6 North Dakota

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

### 2.6.1 Emergency Services

All 911 calls for Divide County are received, and responders dispatched by North Dakota State Radio in Bismarck. The Divide County Emergency Services office handles all requests for 911 addresses for rural and municipal locations within the county.

Name of Organization	Address	City / Town	Phone Number
<b>Police</b>			
Sheriff Office - Divide County			
Sheriff Office - Williams County			
<b>Ambulance</b>			
Ray Ambulance & Rescue Services, Ambulance Service			
Ambulance & Rescue Services, Ambulance Service			
Williston City Ambulance			
Divide County Ambulance Service			
<b>Hospitals / Medical Centres</b>			
Divide County Hospital (St. Luke's Medical Center)			
CHI St. Alexius Health - Williston Medical Centre			
Tioga Medical Service			

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name of Organization	Contact	Title	Training	Phone Number
<b>Fire, EMS &amp; Emergency Management Departments</b>				
<b>Williams County</b>				
Williams County Disaster Emergency Services				
Tioga Fire Department				
Williston City Fire Department				
Ray Fire Hall				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name of Organization	Contact	Title	Training	Phone Number
<b>Fire, EMS &amp; Emergency Management Departments</b>				
Alamo Fire Hall	Manpower:	Medical Response:	Pipeline Training:	Equipment:
	25 Volunteers	N/A	N/A	2 Pumper Units 2 Water Tankers 4 Grass Units
<b>Divide County</b>				
Divide County Emergency Management				
Crosby Rural Fire Department	Manpower:	Medical Response:	Pipeline Training:	Equipment:
	N/A	N/A	No	1 Pumper Unit 1 Tanker Unit 1 Tanker-Pumper Unit 1 Rescue Unit 3 Brush Units

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name of Organization	Contact	Title	Training	Phone Number
<b>Fire, EMS &amp; Emergency Management Departments</b>				
Fortuna Rural Fire Protection	Manpower:	Medical Response:	Pipeline Training:	Equipment:
	15 Volunteers	1 First Responder	No	2 Tanker Units 1 Pump Truck 1 Brush Unit
Noonan Fire Department	Manpower:	Medical Response:	Pipeline Training:	Equipment:
	8 to 12 Volunteers	N/A	No	3 Tanker-Pumper Units/ Grass Units 1 Tanker-Pumper

2.6.2 Government Contacts

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Details	Phone Number
US Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA)	<ul style="list-style-type: none"> <li>Report through PHMSA within 30 days of the incident, and a follow-up written report within one year of the incident, based on certain circumstances, to be reported to PHMSA through the Hazardous Materials Incident Report Form</li> </ul>	
PHMSA –Pipeline Safety Central Region Office (North Dakota)	<ul style="list-style-type: none"> <li>Oversees the safe and secure movement of daily shipments of hazardous materials by all modes of transportation.</li> </ul>	
US Environmental Protection Agency (EPA) 24-Hr National Response Center (NRC)	<ul style="list-style-type: none"> <li>Phone once the pre-determined reportable quantity release limit is reached. Propane final RQ is 1000lb or 454kg</li> </ul>	
US Environmental Protection Agency EPA Region 8 (Montana & North Dakota)	<ul style="list-style-type: none"> <li>Phone to Report Environmental Violations (oil or chemical spills) in Montana and North Dakota</li> </ul>	
North Dakota Department of Emergency Services (NDDDES)	<ul style="list-style-type: none"> <li>The 24-Hr number serves as the primary point of contact for incident reporting and requests for state and federal assistance.</li> <li>NDDDES supports response and recovery coordination with emergency managers in each county and tribal nation within the state of North Dakota</li> <li>NDDDES responds to calls for emergency assistance across the state. Statewide communication services ensure necessary resources are dispatched for emergency response.</li> </ul>	
Montana Disaster and Emergency Services (DES)	<ul style="list-style-type: none"> <li>Phone 24-hr Response Branch to report an incident and/or request assistance</li> </ul>	
Federal OSHA Region 8 (North Dakota)	<ul style="list-style-type: none"> <li>covers private sector employers and workers in Montana</li> <li>ensure safe and healthful working conditions for working men and women by setting and enforcing standards and by providing training, outreach, education and assistance.</li> </ul>	

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Phone Number
North Dakota Department of Environmental Quality (DEQ)	<ul style="list-style-type: none"> <li>• If an emergency, an imminent threat to public health and safety, or for additional assistance, please call the Oil and Gas Division or the Department of Environmental Quality at the numbers listed.</li> </ul>	
North Dakota Department of Health Emergency Preparedness and Response	<ul style="list-style-type: none"> <li>• If spill or discharge (not gaseous), you must notify as soon as possible.</li> <li>• Depending on the severity of the spill or accidental discharge, the department may require the owner or operator to: <ul style="list-style-type: none"> <li>• Take immediate remedial measures;</li> <li>• Determine the extent of pollution to waters of the state;</li> <li>• Provide alternate water sources to water users impacted by the spill or accidental discharge; or</li> <li>• Any other actions necessary to protect human health and the environment</li> </ul> </li> </ul>	
Divide County Emergency Services	<ul style="list-style-type: none"> <li>• good working relationships with local emergency response agencies, such as fire, law enforcement, public works, volunteer agencies, public health, and emergency medical services</li> </ul>	

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

Agency	Reporting	Phone Number
Divide County	<ul style="list-style-type: none"> <li>handles all requests for 911 addresses for rural and municipal locations within the county</li> </ul>	
Williams County Emergency Management Department	<ul style="list-style-type: none"> <li>Provides assistance during hazardous materials incidents/emergencies</li> </ul>	
Williams County	<ul style="list-style-type: none"> <li>Williams County 911 dispatch services for fire, police, and EMS.</li> </ul>	

### 2.6.3 Government Agency Mutual Aid

In addition to the standard government agency duties listed in the Corporate ERP, consultations were conducted with the following local agencies.

Department of Transportation (DOT) - Pipeline and Hazardous Materials Safety Administration (PHMSA)

Note: Information collected during consultation with supporting agencies, including available support services and resources, names and phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private and confidential information.

<b>North Dakota Department of Emergency Services (NDDDES)</b>				
<b>Contact Type</b>	<b>Agency Type</b>	<b>Main Contact</b>	<b>24-Hr Number</b>	<b>Alternate Phone</b>



2.6.4 Emergency Response Support Services

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Vendors that provide support services during regular operations may also be utilized during an emergency; however, contact information for those services is maintained outside of this plan.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Accommodations</b>				
<b>Aircraft Fixed Wing</b>				
<b>Air Monitoring</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Communications</b>				
<b>Cranes</b>				
<b>Electrical Contractors</b>				
<b>Flare Stacks (Portable)</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>General Contractors</b>				
<b>Helicopters</b>				
<b>Line Locators</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Pipeline Inspection</b>				
<b>Railways</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Rental Companies</b>				
<b>Spill Response</b>				

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Company Name	Equipment	Location	Main Number	24-Hr Number
<b>Supply Stores</b>				
<b>Welders</b>				
<b>Wildlife Management Contractors</b>				
<b>Wildlife Rehabilitation</b>				

### 2.6.5 Reception Centres

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

To ensure a coordinated response, the Reception Centre(s) is ideally activated jointly by Pembina Pipeline and the Local Authority. These agencies have pre-established locations throughout the Municipality and should be notified early to discuss site options. Hotels/Motels may be considered in situations where immediate access is required or a location is required outside of normal business hours.

Name	Location	Amenities	Main Contact

2.6.6 School Districts

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Name	City / Town	Contact	Phone
Divide County School District			
Tioga 15 School District			
Williston Public School District #1			
<b>School Board - Roles &amp; Responsibilities</b>			
<p>In the event of an emergency the School District will be contacted by Pembina and advised of the situation. The School District in consultation with impacted schools will determine appropriate protocol for students whose homes have been evacuated and advise school buses appropriately. The affected School Division will contact its Student Transportation Department and advise of any detours or re-routes. The School Division in consultation with impacted schools will determine appropriate protocol for students whose homes have been evacuated and advise school buses appropriately. Dependent on the time of day, the School District may direct students to be returned to the school or may direct buses to deliver students to the designated Reception Centre.</p>			



### 3.0 SAFETY EQUIPMENT AND RESOURCES

#### 3.1 Operating Area Equipment Listing

Pembina may respond using a wide variety of equipment depending upon the severity of the event. Additional resources may be obtained from area emergency services, mutual aid partners, third party contractors, or additional Pembina owned equipment caches, depending on the nature of the emergency.

All pipeline Operators responding to a pipeline incident for the Vantage or Empress HVP pipeline systems as a first responder are equipped with the following equipment in their vehicle.

Description	Quantity	Inspection Frequency
Gas detector	1	Annual
Safety vests	1	Annual
Flashlight	1	Annual
Roll "DO NOT ENTER" tape	1	Annual
Emergency Manual	1	Annual
Fire retardant clothing (Required work wear)		Annual
Set of keys for Block Valve and Pump Station access	1	Annual
Fire extinguisher	1	Annual
Standard First aid kit	1	Annual
Set of assorted hand tools	1	Annual
Laptop computer with air card	1	Annual
Portable Spot Light	1	Annual
Binoculars	1	Annual
Road Flares/Reflectors	1	Annual
Flare pistol	1	Annual
Winter wear (Required work wear in winter)		Annual
Magnetic amber flashing light	1	Annual

### 3.2 Personal Protective Equipment (PPE)

The following is a list of personal protective equipment employees and contractors are required to wear, as appropriate:

- Fire-resistant clothing
- Hard hats
- Safety glasses
- Safety boots
- Gloves
- Personal monitor

### 3.3 Communications/Radio Frequencies

Landlines at the field office and facilities, cell phones and/or truck radios are regularly used for communications. As required, additional radios and satellite phones will be resourced and used for communications.

In an emergency, confirm the use of any area specific radio channels or special instructions for radio-controlled roads with local personnel.

### 3.4 Service Providers on Retainer

Note: Locations of surface installments, including valves and maximum operating pressures have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of Private or Confidential information.

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

### 3.4.1 US Vantage Pipeline Activation/Notification (US Operations Only)

Note: Names, phone numbers, and addresses have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.

Incident identified and confirmed by Pembina employee:

- Contact Emergency Services (Fire, Police, Ambulance), as required
- Contact Pembina Sherwood Park Control Centre (SPCC) at 1-800-360-4706 and provide details of the incident
- SPCC to contact Field On-call
- Field On-call to determine if ICS response is required. If yes, Field on-call to contact \_\_\_\_\_ and transfer IC role to them.
- \_\_\_\_\_ to establish time for Activation Team conference call and execute IC roles as per EM Activation Process and Emergency Response Plan.

Incident reported to Pembina 24-hour emergency number from Public, Emergency Services, Regulator or SCADA monitoring:

- SPCC to contact Field On-call to verify event
- Field On-call to Contact Emergency Services (Fire, Police, Ambulance), as required
- Field On-call to determine if ICS response is required. If yes, Field on-call to contact \_\_\_\_\_ and transfer IC role to them.
- \_\_\_\_\_ to contact Pembina Sherwood Park Control Centre (SPCC) at 1-800-360-4706 and provide details of the incident.
- \_\_\_\_\_ to establish time for Activation Team conference call and execute IC roles as per EM Activation Process and Emergency Response Plan.

### 3.4.2 First Responder Liaisons

\_\_\_\_\_ will also provide services for liaising with local First Responders, in addition to efforts undertaken by Pembina.

## 4.0 TRANSPORTED PRODUCTS

### 4.1 Product Handling and Storage

General characteristics of product(s) transported are listed below. For a complete Safety Data Sheet (SDS) including first aid, firefighting measures, and accidental release response, refer to Pembina's SDS database on Pembina's internal intranet site, The Pipeline.

Product	Hazards	Handling and Storage
Ethane	<ul style="list-style-type: none"> <li>• Colourless, compressed gas with slight hydrocarbon odour</li> <li>• Extremely flammable</li> <li>• Easily ignited by heat, sparks or flames</li> <li>• Will form explosive mixtures with air</li> <li>• Slightly soluble in water</li> <li>• Vapours from liquefied gas are initially heavier than air and spread along the ground</li> <li>• Vapours may travel to source ignition and flash back</li> <li>• Cylinder exposed to fire may vent and release flammable gas through pressure relief valves</li> </ul>	<ul style="list-style-type: none"> <li>• Wear protective gloves, protective clothing and eye protection</li> <li>• Do not breathe gas</li> <li>• Keep away from heat, sparks, open flames, and hot surfaces</li> <li>• Store in well-ventilated area</li> <li>• Store away from incompatible materials</li> <li>• Protect from sunlight</li> <li>• Do not extinguish a leaking gas fire unless the leak can be stopped</li> </ul>

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## 5.0 TECHNICAL DATA

Note: Locations of surface installments, including valves and maximum operating pressures have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of Private or Confidential information.

### 5.1 Vantage Pipeline System

#### 5.1.1 Alberta/ Saskatchewan

PL License	Map #	Start	To	Status	Sub	OD (mm)	Wall (mm)	MOP (kPa)	Enviro Crossing	Length (km)	EPZ (m)
280062	1			O	HVP	273	6			0.61	995
280062	1-2			O	HVP	273	6			25.11	995
280062	2-4			O	HVP	273	6			29.22	995
280062	3-5			O	HVP	273	6		CC	20.36	995
280062	5			O	HVP	273	6			22.88	995
280062	5-7			O	HVP	273	6		CC	26.35	995
280062	7-8			O	HVP	273	6		CC	22.47	995
280062	8-9			O	HVP	273	6		CC	22.10	995
280062	8-10			O	HVP	273	6		CC	22.43	995
280062	9-11			O	HVP	273	6		CC	24.62	995
280062	10-11			O	HVP	273	6		CC	24.99	995
280062	11-12			O	HVP	273	6			26.45	995
280062	12-13			O	HVP	273	6			21.21	995
280062	13-14			O	HVP	273	6		CC	26.40	995
280062	14-15			O	HVP	273	6		RC, CC	28.06	995
280062	15-16			O	HVP	273	6			21.16	995
280062	15-16			O	HVP	273	6			18.21	995

Note: Locations of surface installments, including valves and maximum operating pressures have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of Private or Confidential information.

PL License	Map #	Start	To	Status	Sub	OD (mm)	Wall (mm)	MOP (kPa)	Enviro Crossing	Length (km)	EPZ (m)
280062	16-17			O	HVP	273	6			24.46	995
280062	17-18			O	HVP	273	6			20.24	995
280062	18-19			O	HVP	273	6			25.87	995
280062	19			O	HVP	273	6			20.62	995
280062	19-20			O	HVP	273	6			22.02	995
280062	20-21			O	HVP	273	6			17.97	995
280062	21-22			O	HVP	273	6			28.99	995
280062	22-23			O	HVP	273	6			30.47	995
280062	23-24			O	HVP	273	6			9.11	995



Note: Locations of surface installments, including valves and maximum operating pressures have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of Private or Confidential information.

### 5.1.2 North Dakota

PL License	Map #	Start	To	Status	Sub	OD (in)	Wall (in)	MOP (psi)	Enviro Crossing	Length (miles)	EPZ (yards)
OC-059	24			O	HVP	10	0.24			7.97	1088
OC-059	24			O	HVP	10	0.24			6.74	1088
OC-059	24-25			O	HVP	10	0.24			5.23	1088
OC-059	25-26			O	HVP	10	0.24			9.21	1088
OC-059	25-27			O	HVP	10	0.24			13.17	1088
OC-059	27-28			O	HVP	10	0.24			17.83	1088
OC-059	28-29			O	HVP	10	0.24			11.96	1088
OC-059	29			O	HVP	10	0.24			7.83	1088

### 5.1.3 North Dakota—West Spur Lateral

PL License	Map #	Start	To	Status	Sub	OD (in)	Wall (psi)	MOP (kPa)	Enviro Crossing	Length (miles)	EPZ (yards)
OC-059	25-26 & 30			O	HVP	8	2160			13.01	809
OC-059	26 & 30			O	HVP	8	2160		CC	9.22	809
OC-059	30-32			O	HVP	8	2160		CC	24.49	809

Note: Locations of surface installments, including valves and maximum operating pressures have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of Private or Confidential information.

## 5.2 Empress Pipeline System

PL License	Map #	Start	To	Status	Sub	OD (in)	Wall (psi)	MOP (kPa)	Enviro Crossing	Length (km)	EPZ (m)
280257-1	Empress			O	Ethane	273.1	6.35			25	900

## 6.0 AREA STAKEHOLDER AND MAPS

Pembina conducts regular public involvement efforts to ensure stakeholders are provided with information pertaining to the operations in their area, potential hazards, product characteristics, emergency contact numbers, and the appropriate response actions for them to take in an emergency situation.

**Note: Listings of surface developments, industry operators, Wildlife Management Units (WMU) holders, Forestry Management Agreements (FMA) holders, grazing lease holders, and recreational areas within the EPZs have been removed from the publicly posted version of the Emergency Response Plan (ERP) for the protection of private or confidential information.**

### 6.1 Confidential Listings

Resident/Business listings for surface developments located within the EPZ for the HVP Pipeline System are separated by map area. Only select copies of the ERP will contain the surface development listings as this data is confidential and is to be stored in a secure location.

### 6.2 Maps and Diagrams

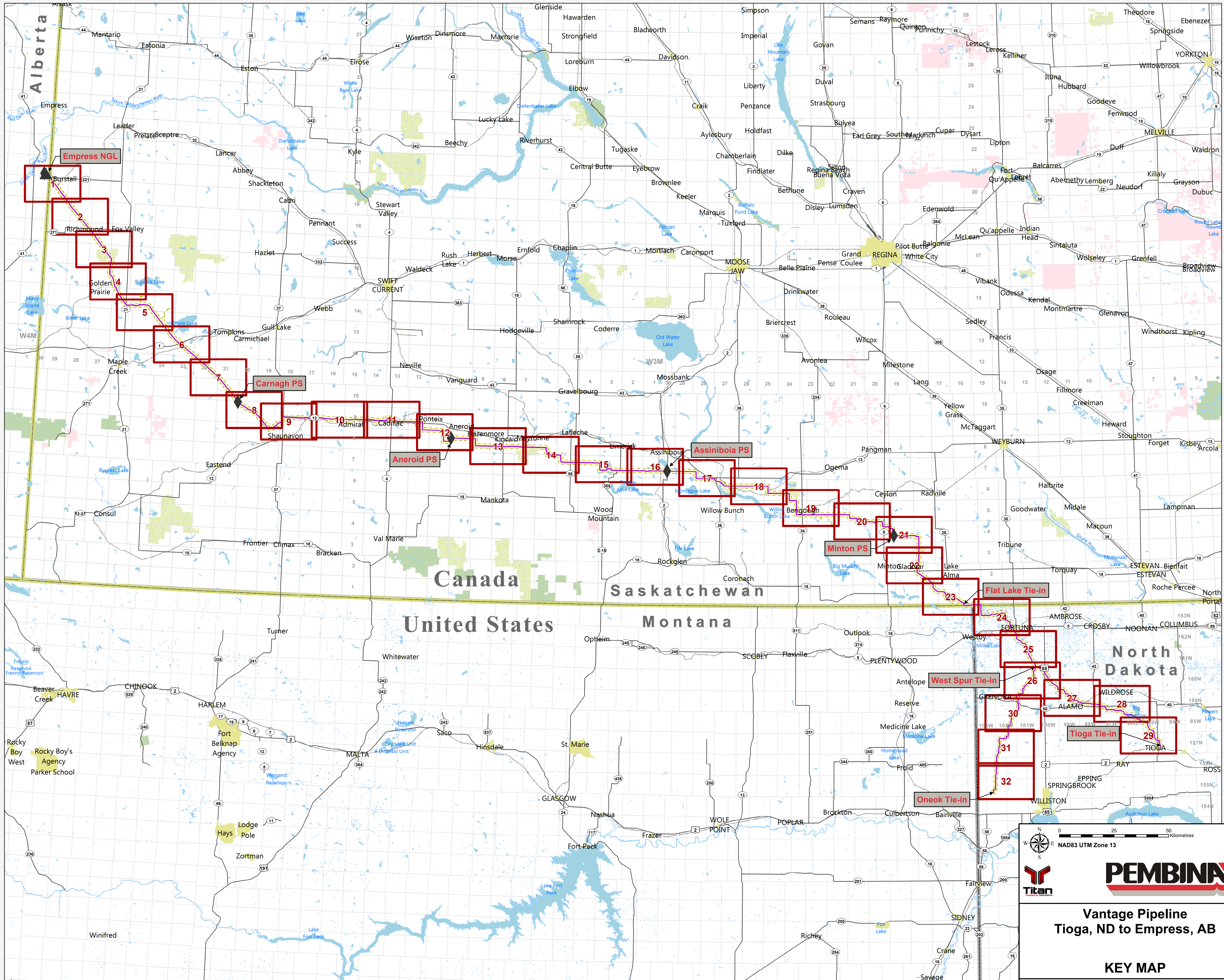
Stakeholder information for each map is listed as follows:



- Area Special Considerations
- Provincial Park/Recreation Area
- Grazing Lease holders
- Forest Management Agreement (FMA) Holders
- Trappers
- Wildlife Management Unit (WMU) Holders (Outfitters)
- Adjacent Oilfield Facilities
- Industrial operators
- Resident/Business Listings sorted by geographical location (Confidential manuals only)

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## Vantage Key Map

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**Vantage Pipeline  
Tioga, ND to Empress, AB**

**KEY MAP**

PREPARED BY: TITAN MAPPING SOLUTIONS LTD.  
 DRAFTING: MH PROJECT ID: TM0312 DATE: REV. 1, DECEMBER 22, 2019