

# **GEOGRAPHICAL RESPONSE PLAN**

## **KEYSTONE PIPELINE SYSTEM**

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*Date of Late Review: December 2019*

**SWIFT CURRENT (SK) AREA**

## RESPONSE SUMMARY

This Geographic Emergency Response Plan (GRP) is a component of the Keystone Emergency Response Plan (ERP). Information herein does not supersede any component of the ERP.

The purpose of this plan is to facilitate expedited and efficient emergency response operations to protect people the environment surrounding the Swift Current Creek.

This plan should be referenced as a guide only during emergency response. All actions should be modified to meet the demands of a specific incident. This plan does not direct actions, but merely serves as a resource to responders.

All responders using this plan should ensure the TransCanada First Responder Checklist is completed before implementing this plan.

Recommendations in this GRP may be applied to releases from TransCanada's Keystone Pipeline in the Stewart Valley Section between STWTV +11\_6 and STWTV+31\_2.

The area of the pipeline near Swift Current Creek and the South Saskatchewan River, SK are located in the South Saskatchewan River Plain and the Rush Lake Moraine Area. These areas are categorized as gently sloping from 620-790m above sea level with sandy glacio-fluvial to silty/clayey glacio-lacustrine deposits. This GRP is within the following municipalities Morse 165, Excelsior 166, Saskatchewan Landing 167, Cannan 225 and Victory 226.

Culturally and environmentally sensitive receptors need to be protected and preserved in the unlikely event of a release. These receptors have been identified through publically available data from both federal and provincial agencies within a 1km buffer of each source and tactical control points. The Swift Current Creek Tactical Plan includes a list of all environmental and cultural receptors for each control point. The identified receptors include aquifers, water wells, historic sites, environmentally sensitive areas, aboriginal reserves, soil type, drainage pathway and species of concern.

Below is a table showing all species of concern for both federal and provincial status. Each species are ranked as endangered, extirpated, threatened, of special concern or not listed. The definitions of these classifications are as follows:

**Endangered:** A wildlife species facing imminent extirpation or extinction

**Extirpated:** A wildlife species that no longer exists in the wild in Canada, but exists elsewhere

**Threatened:** A wildlife species that is likely to become endangered if nothing is done to reverse the factors leading to its extirpation or extinction

**Special concern:** A species is of special concern because of characteristics that make it particularly sensitive to human activities or natural events.

**Not listed:** A species for which there is insufficient scientific information to support status designation.

Wildlife Species	SARA Status	Provincial Status	Ecoregion
Mammals			

Little Mountain Myotis	no status	not listed	Mixed Grassland
Ord's Kangaroo Rat	endangered	not listed	Mixed Grassland
<b>Birds</b>			
Baird's Sparrow	no status	not listed	Mixed Grassland
Burrowing Owl	endangered	endangered	Mixed Grassland
Chestnut Collared Longspur	threatened	not listed	Mixed Grassland
Piping Plover	endangered	endangered	Mixed Grassland
Ferruginous Hawk	threatened	not listed	Mixed Grassland
Greater Prairie Chicken	extirpated	extirpated	Mixed Grassland
Common Nighthawk	threatened	not listed	Mixed Grassland
Yellow Rail	special concern	not listed	Mixed Grassland
Loggerhead Shrike	threatened	not listed	Mixed Grassland
Red-headed Woodpecker	threatened	not listed	Mixed Grassland
Short-eared Owl	special concern	not listed	Mixed Grassland
Sprague's Pipit	threatened	not listed	Mixed Grassland
Bobolink	no status	not listed	Mixed Grassland
Horned Grebe	no status	not listed	Mixed Grassland
Western Grebe	special concern	not listed	Mixed Grassland
Rusty Blackbird	special concern	not listed	Mixed Grassland
Whooping Crane	endangered	endangered	Mixed Grassland
Barn Swallow	no status	not listed	Mixed Grassland
Greater Sage Grouse	endangered	endangered	Mixed Grassland
Long Billed Curlew	special concern	not listed	Mixed Grassland
McCowns Longspur	special concern	not listed	Mixed Grassland
Peregrine Falcon	threatened	not listed	Mixed Grassland
<b>Fish</b>			
Lake Sturgeon	no status	not listed	Mixed Grassland
<b>Amphibians</b>			
Northern Leopard Frog	special concern	not listed	Mixed Grassland
Western Tiger Salamander	no status	not listed	Mixed Grassland
<b>Arthropods</b>			
Verna's Flower Moth	threatened	not listed	Mixed Grassland
Monarch Butterfly	special concern	not listed	Mixed Grassland
<b>Vascular Plants</b>			
Smooth Goosefoot	threatened	not listed	Mixed Grassland
Slender Mouse Ear Cress	threatened	threatened	Mixed Grassland
Western Spiderwort	threatened	endangered	Mixed Grassland

*\*Disclaimer: if a species is not listed in on either provincial status or on SARA, it is listed on COSEWIC as a species at risk*

A TransCanada Environmental Specialist will be responsible for managing environmental matters associated with incident response operations, including: environmental assessment; permitting; environmental monitoring and damage assessment; and sensitive habitat and wildlife protection and rehabilitation.

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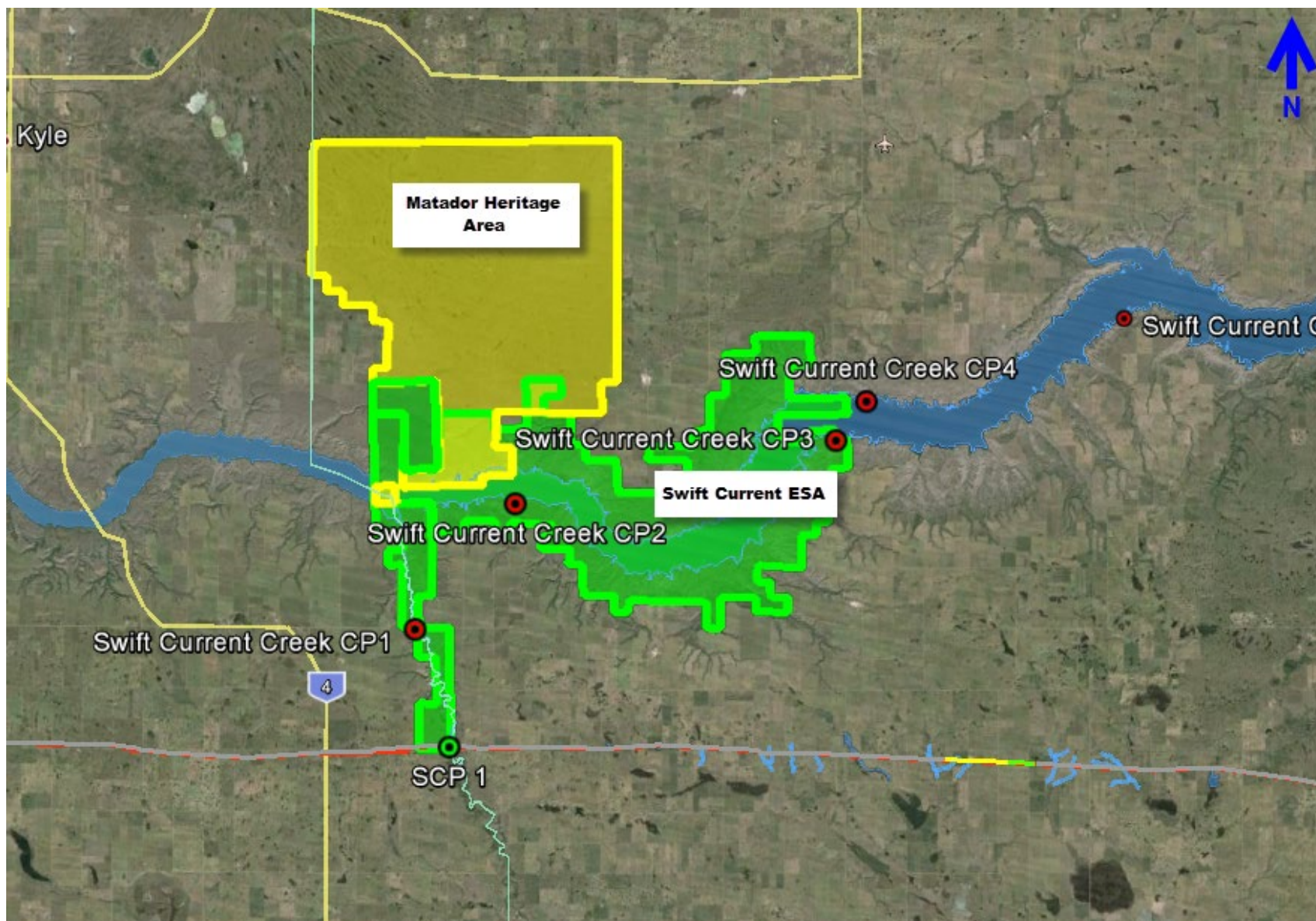
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# MAPS



**Map 1:**  
Overview Map  
of entire GRP  
Area on the  
Swift Current  
Creek and  
South  
Saskatchewan  
River





**Map 2:**  
identifies  
protected  
areas  
within the  
GRP



**Map 3:**  
displays the  
two key  
aquifers  
with the  
GRP







**Map 4:**  
displaying the  
water channels  
within the GRP

## MEDICAL PLAN (ICS FORM 206)

### Transportation

Name	Location	Contact #	Paramedics On-Site (Y/N)
Swif Current Fire Department	236 Chaplin St E, Swift Current, SK S9H 5B2	(306) 778-2760	Y
Ambulance Emergency	78 5 Ave NE, Swift Current, SK S9H 2K7	(306) 773-2666	Y
Herbert Fire/Ambulance	Box 370 Herbert, SK S0H 2A0	911	Y

### Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Center	Heli-Pad
			Air	Ground		
Cypress Regional Hospital	2004 Saskatchewan Dr, Swift Current, SK S9H 5M8	(306) 778-9400				
Herbert-morse Union Hospital	Po Box 220, Herbert SK, S0H 2A0	(306) 784-2202				

### Special Medical Emergency Procedures

## RESOURCE REQUIREMENT MATRIX

	Calculation	Substantive Spills Avg. Probable (1% WCD) <span style="color: red;">Redacted 2d</span>	Large Spills Max. Most Probable (10% WCD) <span style="color: red;">Redacted 2d</span>	Worst Case Discharge (WCD) <span style="color: red;">Redacted 2d</span>
Skimmer (TDS 118)	=Volume of oil released/2,400 bbls x 2 to compensate for less 100% efficiency 1 skimmer = 2,400 bbls/day	1	4	34
Powerplant (Generator)	=1 per skimmer	1	4	34
Pump	=1 per skimmer	1	4	34
Boom (ft)	=1000 feet per recovery site	1000	4000	34,000
Vac Truck	=Volume of oil released/Vac Truck capacity/4 trips per day Vac Truck Capacity= 70bbls	2	15	142
Storage (Frac Tank)	=Volume of oil released/Frac Tank capacity x 2 Frac Tanks = 500 bbls	2	16	159

*\*this GRP is located in Response Zone 1 of the Keystone ERP. The WCD was determined by the Pipeline and Hazardous Materials Safety Administration Discharge Volume Association. Within the specific area of this GRP the WCD is Redacted 2d*

## POTENTIAL INCIDENT COMMAND POST FACILITIES

Name/Address	Phone Number	Distance From – Center (km)	Conference Room Size	Food Service On Site (Y/N)	Internet Access (Y/N)	Notes
Credit Union i-plex 2001 Chaplin St E Swift Current, SK S9H 5A8	(306) 778-2787		20-630 people	N	Y	Arena Floor/ Ice Surface Auditorium (205 people) (Auditorium: Standing 550 People, Chairs:435 people, Tables & chairs 250 people) Auditorium (265 people) LoungeSocial Hall (350 people) (Social hall: standing:800 people, Chairs: 635 people, Tables & chairs: 450 people) Social Hall (400 People) Board Room (20 people) Curling Lounge/ Curling Floor
Kinetic Park 1700 17th Avenue S.E. P.O. Box 146 -- Swift Current, SK S9H 3V5 – Canada	(306) 773-2944		30-800 people	Y	Y	<ul style="list-style-type: none"> <li>The Palliser Pavilion has 3 rooms available for rent. The main reception hall accommodates up to 550 people. The reception hall also has a kitchen available for food preparation. The, banquets, meetings, presentations, 2 upstairs meeting rooms that accommodate up to 30 people</li> <li>The Frontier Saloon features seating for up to 250 people in a relaxed and casual saloon-type atmosphere. There is also a large enclosed grass area with many picnic tables.</li> <li>The Stockade offers renters the largest available building This building is perfect for trade shows and meetings for large corporations. You can fit over 2 800 people. If you require a meeting room there's one on the upper floor. Kitchen facilities also available.</li> </ul>
Lt. Colonel Clifton Centre 350 6th Avenue NE	(306) 778-2787		30 people	N	Y	The Lower Lounge is an ideal place for birthday parties, club/sport wind-ups and meetings. The Lower Lounge is made up of a kitchenette, tables and chairs and accommodates up to 30 people.
Ashley Park Community Hall 900 Lorne St. E. , Swift Current	(306) 773-4966		98-208 people	N	N	Capacity: Main Floor – table & chairs 98 Chairs 118 Standing 237 Basement – table & chairs 60 Chairs 104 Standing 208
Elks Hall 215 1 Ave NE, Swift Current, SK S9H 2B3	(306) 773-5184		200 people	N	N	Capacity: 200 Dance Floor 150



## POTENTIAL STAGING AREAS

Name/Address Lat/Long	Landowner	Phone number	Size / Area	Description (Paved Gravel, Field, etc.)
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**\*\* TO BE DETERMINED BY TACTICAL CONTROL POINT FORMS**

## LOCAL LODGING

Name/Address Lat/Long	Phone Number	Distance From – Center (Miles/Kilometers)	Units (Total)	Food Service On-Site (Y/N)	Internet Access (Y/N)	Notes
Home Inn & Suites 1411 Battleford Trail East, Swift Current, SK	(306) 778-7788			N	Y	Meeting Room (30 people), High Speed Internet, Smoke free hotel, Business Centre (printing, copy, faxing) Laundry, pool, whirlpool, salon & spa, Free HomeEssentials Breakfast.
Super 8 Swift Current  405 N. Service Road East, Swift Current, SK S9H 3T7 CA	(306) 778-6088			N	Y	Breakfast, Pool, Pet friendly, meeting room, ATM, dry cleaning, restaurants near-by.
Best Western Inn 105 George Street W, Swift Current, SK, S9H 0K4, Canada	(306) 773-4660		26	N	Y	Complimentary Breakfast, pool, meeting room, fitness center, hot tub, high speed internet, 0.40kms from 5 restaurants, catering, Boardroom (850 sq. ft. Up to 50 people)
Howard Johnson Swift Current 1150 South Service Road East, Swift Current, SK S9H 3X6 CA	(306) 778-7730			Y	Y	Internet, pet friendly, Restaurant, parking, bar, casino close by, meeting room.
Comfort Inn Swift Current 1510 South Service Road East Swift Current, SK, S9H 3X6, CA	(306) 778-3994			N	Y	Free hot breakfast, free parking, 24/hr business centre, wireless high speed internet, fax, copy, print services. Non smoking.

## LOCAL CATERING SERVICES

Name/Address Lat/Long	Phone Number	Distance From – Center (Miles/Kilometers)	Delivery (Y/N)	Notes
Subway Sandwiches 101 Central Ave N, Swift Current, SK S9H 0K9	(306) 773-8344		Y	
Miso House 285 North Service Rd W, Swift Current, SK s9h 3s8	(306) 778-4411			
Ali Caters Cafe 170 19th Avenue NE Swift Current, SK Canada S9H 5C7	(306) 773-5199		Y	
Modern Family Restaurant 49 Central Ave N Swift Current, SK S9H 0K8	(306) 773-8266		Y	
Wong's Kitchen 68 5th Ave SE Swift Current, SK S9H 3M6	(306) 773-6244		Y	

## LOCAL RESPONSE CONTRACTORS

Name/Address Lat/Long	Phone Number	Distance From- Center (Miles/Kilometers)	Notes
Quantum Murray Emergency Response	(877) 378-7745		
Oil Spill Contingency Group Area 2&3	(306) 778-7857		
Tervita Corporation	1-800-32-SPILL (77455)		24hr North American Emergency Response Line
Stantec Consulting			Environmental Sampling and consulting For Manitoba/Sask area contact <b>Redacted 1b</b> For work in Alberta contact <b>Redacted 1b</b>
Tetra Tech Consulting			Environmental Sampling and consulting Please contact <b>Redacted 1b</b>
Focus Wildlife	1-310-386-5965		
NewAlta	1-800-774-8466		24hr Emergency Response Line



## LOCAL CONTACTS

Name	Location	Phone Numbers
Swift Current Fire Department	236 Chaplin Street East Swift Current, SK S9H 5B2 Canada	(306) 778-2760
Royal Canadian mounted Police Swift Current	Box 998 Swift Current S9H 3X1	(306) 778-4870 (city) (206) 778-5550 (rural)
Ambulance Emergency	78 5th Ave NE Swift Current, SK S9H2K7	(306) 773-2666
Rural Municipality of Saskatchewan Landing 167	Box 40 Stewart Valley SK S0N 2P0	(306) 778-2105
Rural Municipality of Morse 165	346 Railway Ave, Morse, SK S0H 3C0	(306) 629-3282
Rural Municipality of Excelsior 166	Rush Lake, SK S0H 3S0	(306) 784-3121
Rural Municipality of Victory 226	Box 100 BEECHY SK S0L 0C0	(306) 859-2270
Royal Canadian mounted Police Herbert	400 McCurdy St, Morse, SK S0H 3C0	(306) 629-4100
Herbert Fire/Ambulance	Box 370 Herbert, SK S0H 2A0	911

## CONTROL POINTS ASSOCIATED WITH THIS PLAN

This Geographic Response Plan includes several Control Points which may be referenced for recommendation or considerations when containing or recovering released oil in the Swift Current, SK area. When this plan is viewed in electronic format with access to the TransCanada intranet, the links below can be clicked to access each Control Point. When this plan is printed and viewed in paper format, the Control Points should also be printed and attached to the Plan.

### SWIFT CURRENT CREEK

- [SWIFT CURRENT CREEK SCP 1](#)
- [SWIFT CURRENT CREEK TCP 1](#)
- [SWIFT CURRENT CREEK TCP 2](#)
- [SWIFT CURRENT CREEK TCP 3](#)
- [SWIFT CURRENT CREEK TCP 4](#)
- [SWIFT CURRENT CREEK TCP 5](#)