

# **GEOGRAPHICAL RESPONSE PLAN**

## **KEYSTONE PIPELINE SYSTEM**

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Last reviewed 2021

## **PORTAGE LA PRAIRIE (MB) 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 near Portage La Prairie and areas downstream on the Assiniboine River.

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 Portage La Prairie Section from PRTLTP+8\_4 to PRTLTP+25\_1.

The area of the pipeline near Portage La Prairie, MB is categorized as the Lower Assiniboine Delta, which consists of sandy plains that contain some of the most productive soils in the Province. 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 Assiniboine River/Diverson/Roes Creek Tactical Plans include 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
<b>Mammals</b>			
Mule or Black-tailed Deer	not listed	threatened	lake Manitoba plain
<b>Birds</b>			
Burrowing Owl	endangered	endangered	lake Manitoba plain
Least Bittern	threatened	endangered	lake Manitoba plain
Canada Warbler	threatened	endangered	lake Manitoba plain
Chimney Swift	threatened	threatened	lake Manitoba plain
Piping Plover	endangered	endangered	lake Manitoba plain
Common Nighthawk	threatened	threatened	lake Manitoba plain
Yellow Rail	special concern	not listed	lake Manitoba plain
Golden-winged Warbler	threatened	threatened	lake Manitoba plain
Loggerhead Shrike	endangered	not listed	lake Manitoba plain
Red-headed Woodpecker	threatened	threatened	lake Manitoba plain

Short-eared Owl	special concern	threatened	lake Manitoba plain
Sprague's Pipit	threatened	threatened	lake Manitoba plain
Whip-poor-will	not listed	threatened	lake Manitoba plain
Bobolink	not listed	not listed	lake Manitoba plain
Horned Grebe	not listed	not listed	lake Manitoba plain
Olive Sided Fly Catcher	threatened	not listed	lake Manitoba plain
Rusty Blackbird	special concern	not listed	lake Manitoba plain
Whooping Crane	endangered	endangered	lake Manitoba plain
Barn Swallow	not listed	not listed	lake Manitoba plain
<b>Amphibians</b>			
Northern Leopard Frog	special concern	not listed	lake Manitoba plain
<b>Fish</b>			
Silver Chub	special concern	not listed	lake Manitoba plain
Big Mouth Buffalo	special concern	not listed	lake Manitoba plain
Lake Sturgeon	not listed	not listed	lake Manitoba plain
Silver Chub	special concern	not listed	lake Manitoba plain
<b>Arthropods</b>			
Dakota Skipper	threatened	threatened	lake Manitoba plain
Monarch Butterfly	special concern	not listed	lake Manitoba plain
Uncas Skipper	not listed	endangered	lake Manitoba plain
<b>Reptiles</b>			
Common Snapping Turtle	not listed	not listed	lake Manitoba plain
<b>Vascular Plants</b>			
Small White Lady's-slipper	endangered	endangered	lake Manitoba plain
Western Silvery Aster	not listed	threatened	lake Manitoba plain
Western Ironweed	not listed	endangered	lake Manitoba plain
Hackberry	not listed	threatened	lake Manitoba plain
Rough Agalinis	endangered	endangered	lake Manitoba plain
Gattinger's Agalinis	endangered	endangered	lake Manitoba plain

*\*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*

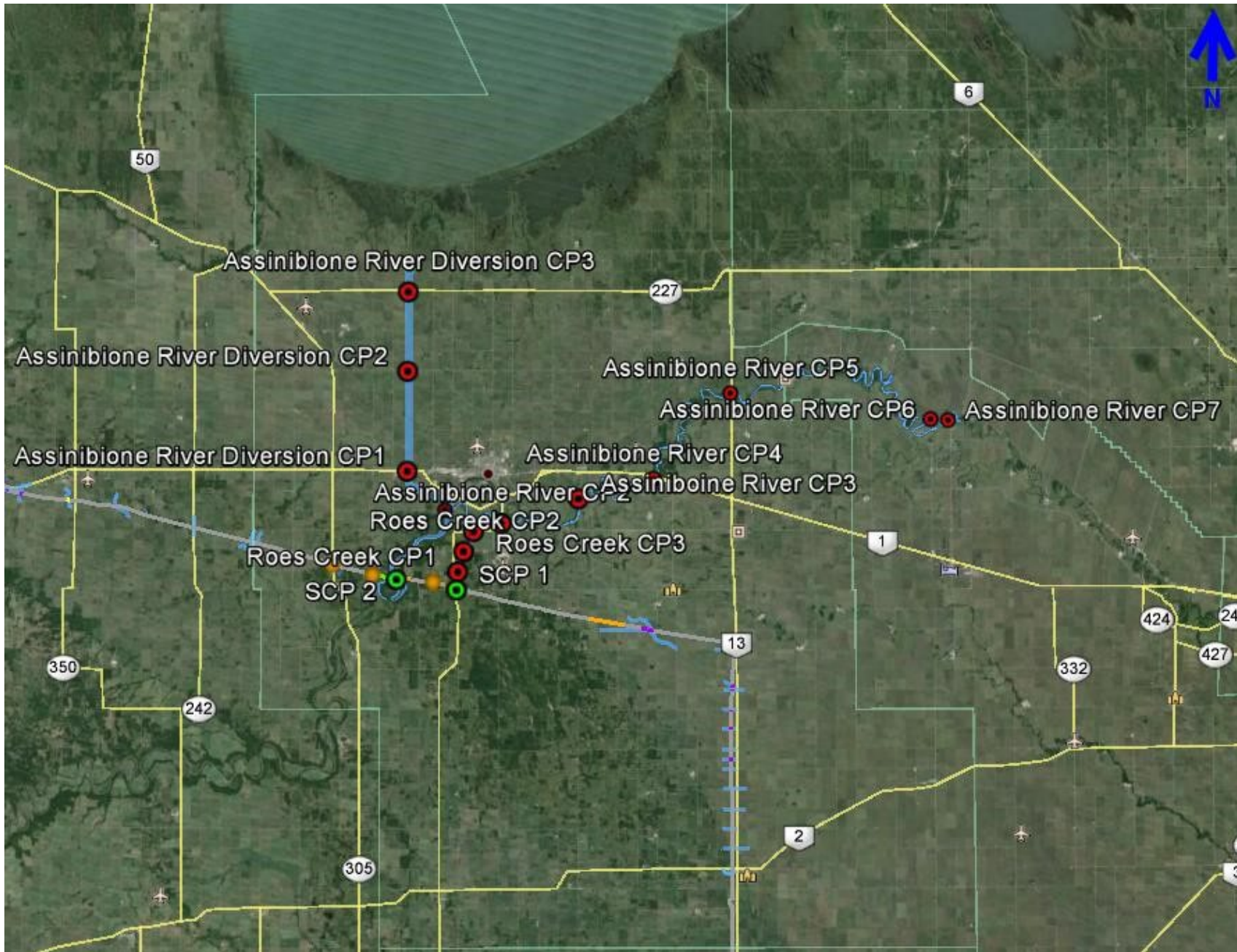
A TransCanada Environmental Specialist will be responsible for managing environmental matters associated with incident response operations, including: environmental assessment; permitting; environmental monitoring and damage assessment; and sensitive habitat and wildlife protection and rehabilitation.

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# MAPS

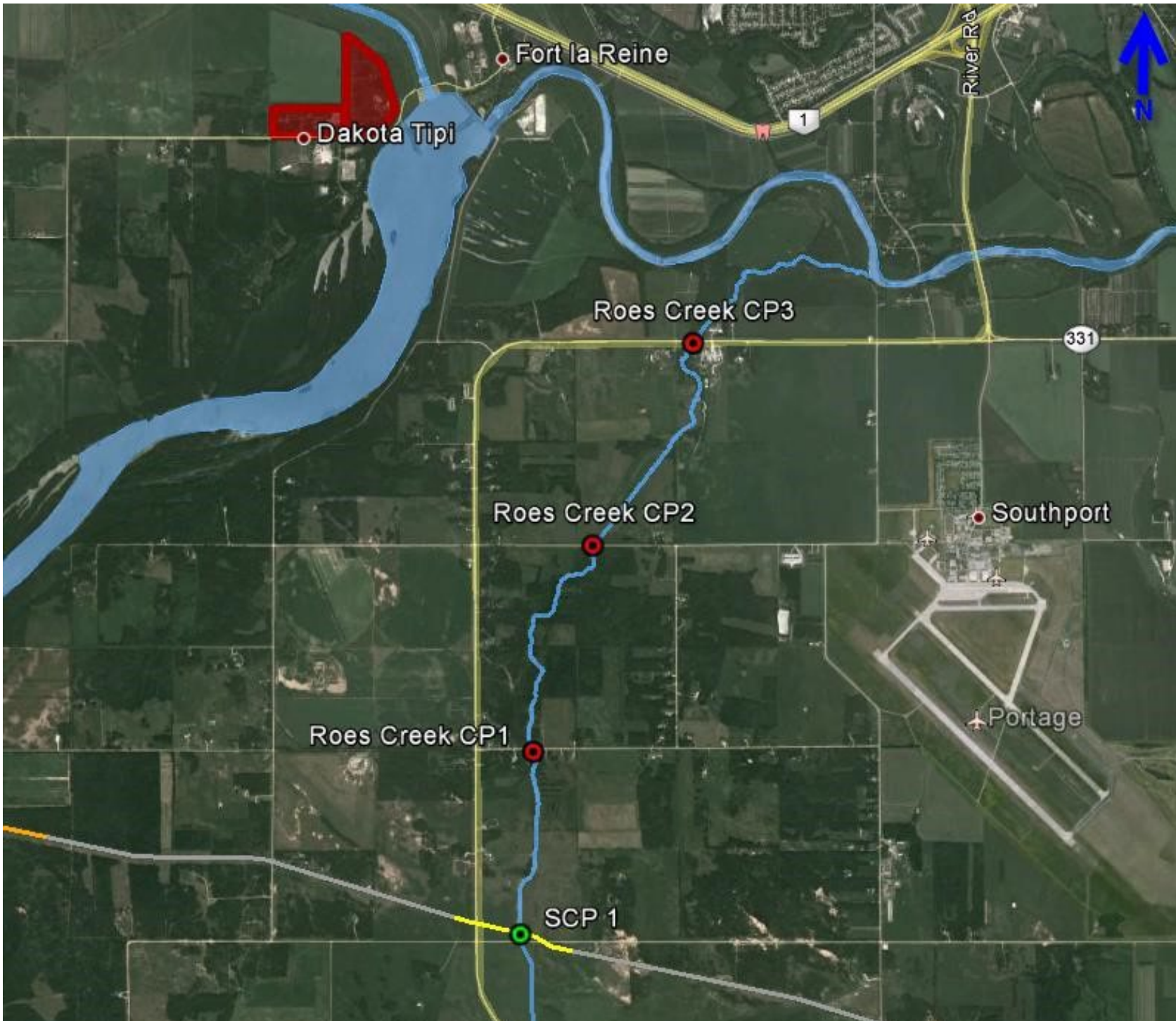


**Map 1:**  
 Overview  
 Map of entire  
 Portage La  
 Prairie  
 GRP  
 Area



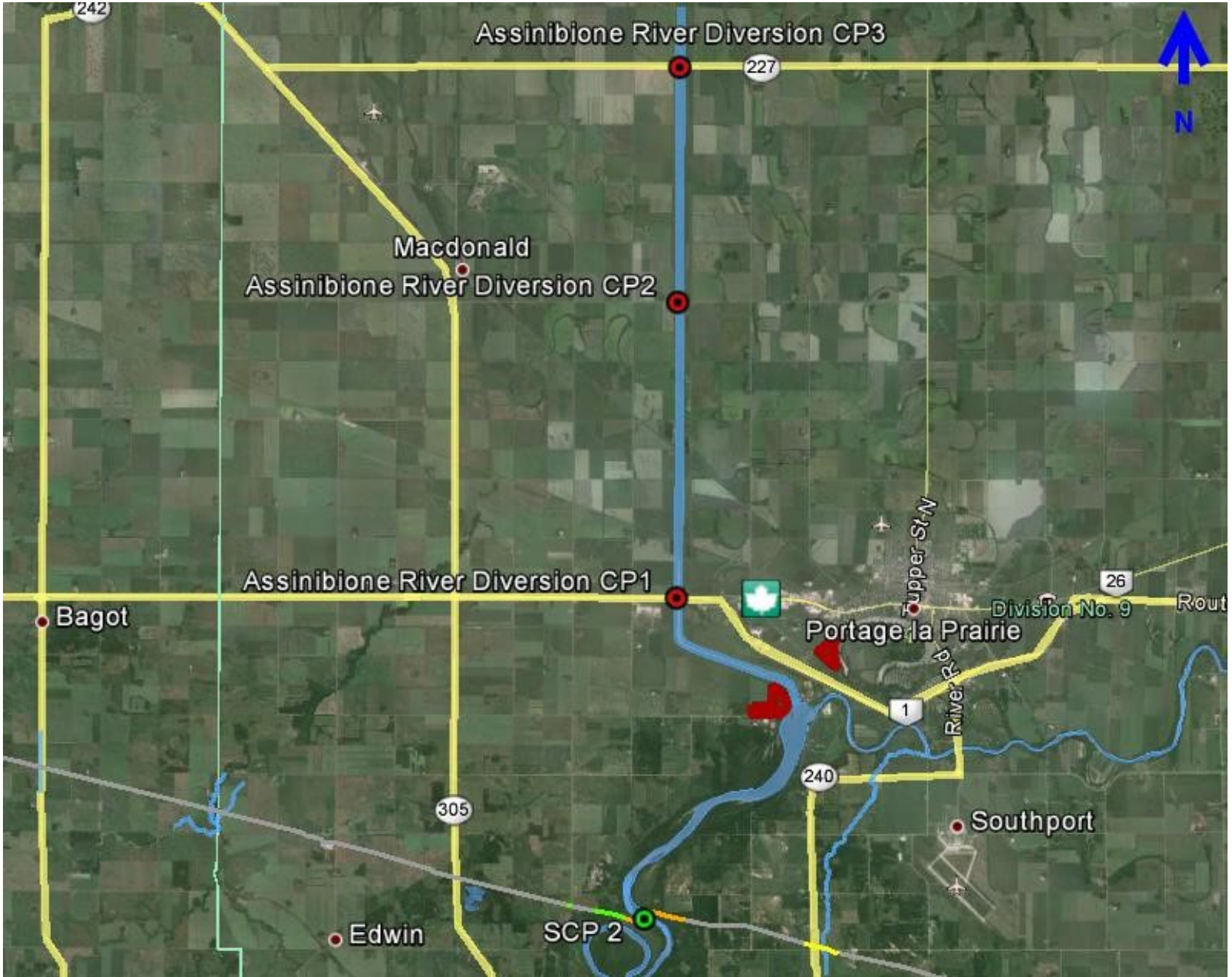


**Map 2:** identifies protected areas within the GRP

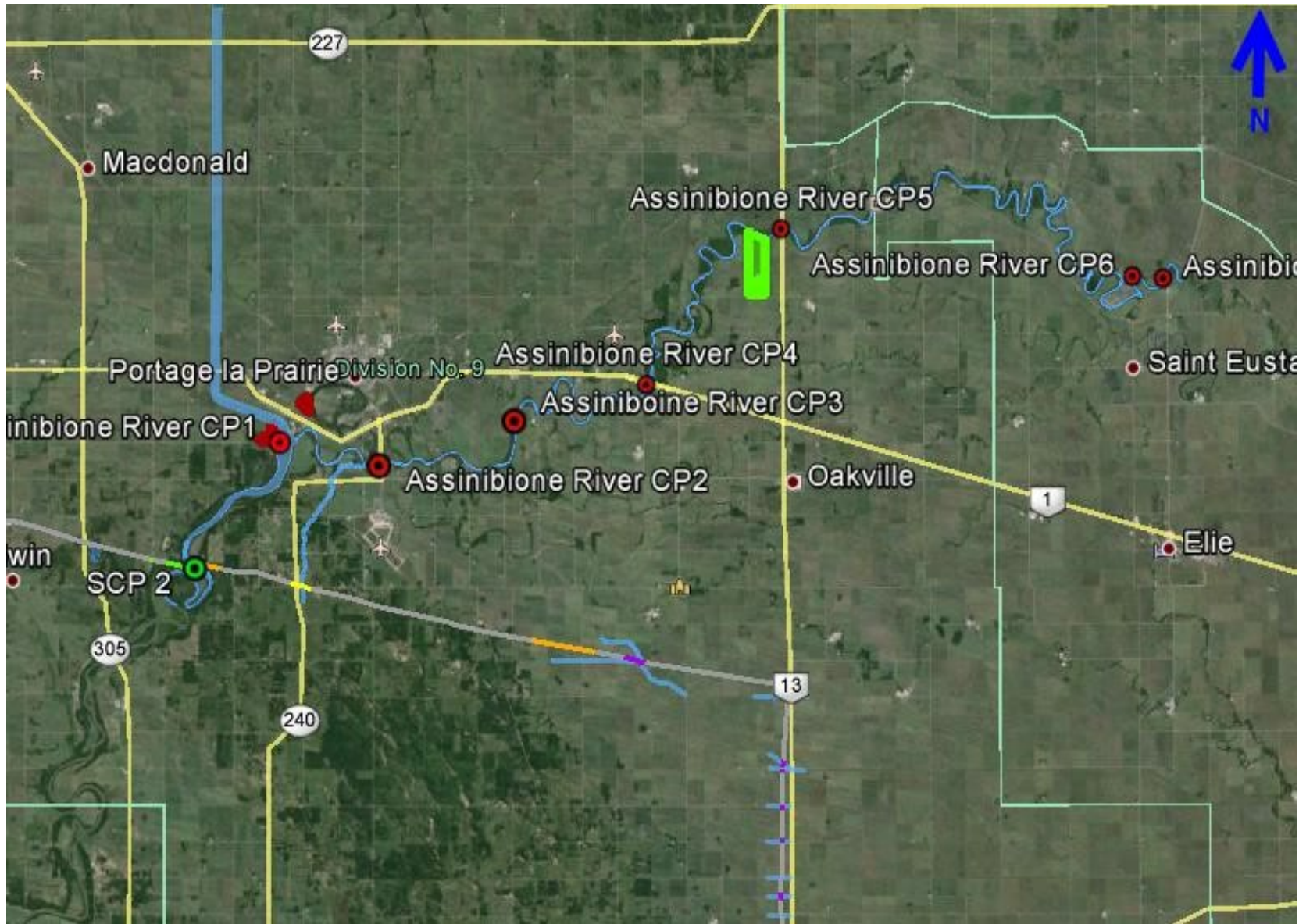




**Map 3:** close up of Roes Creek source and tactical control points

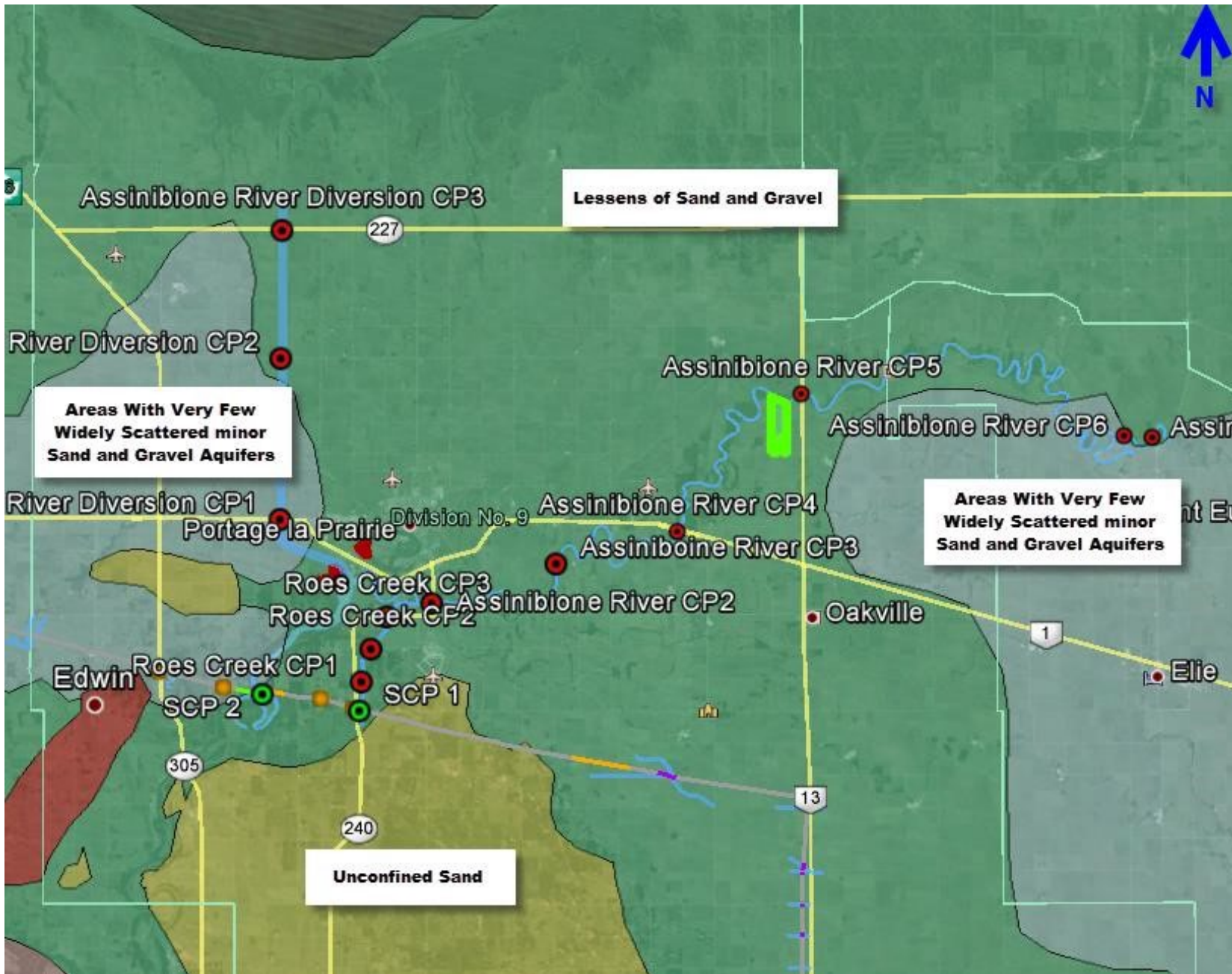


**Map 4:** close up of the Portage Diversion source and tactical control points



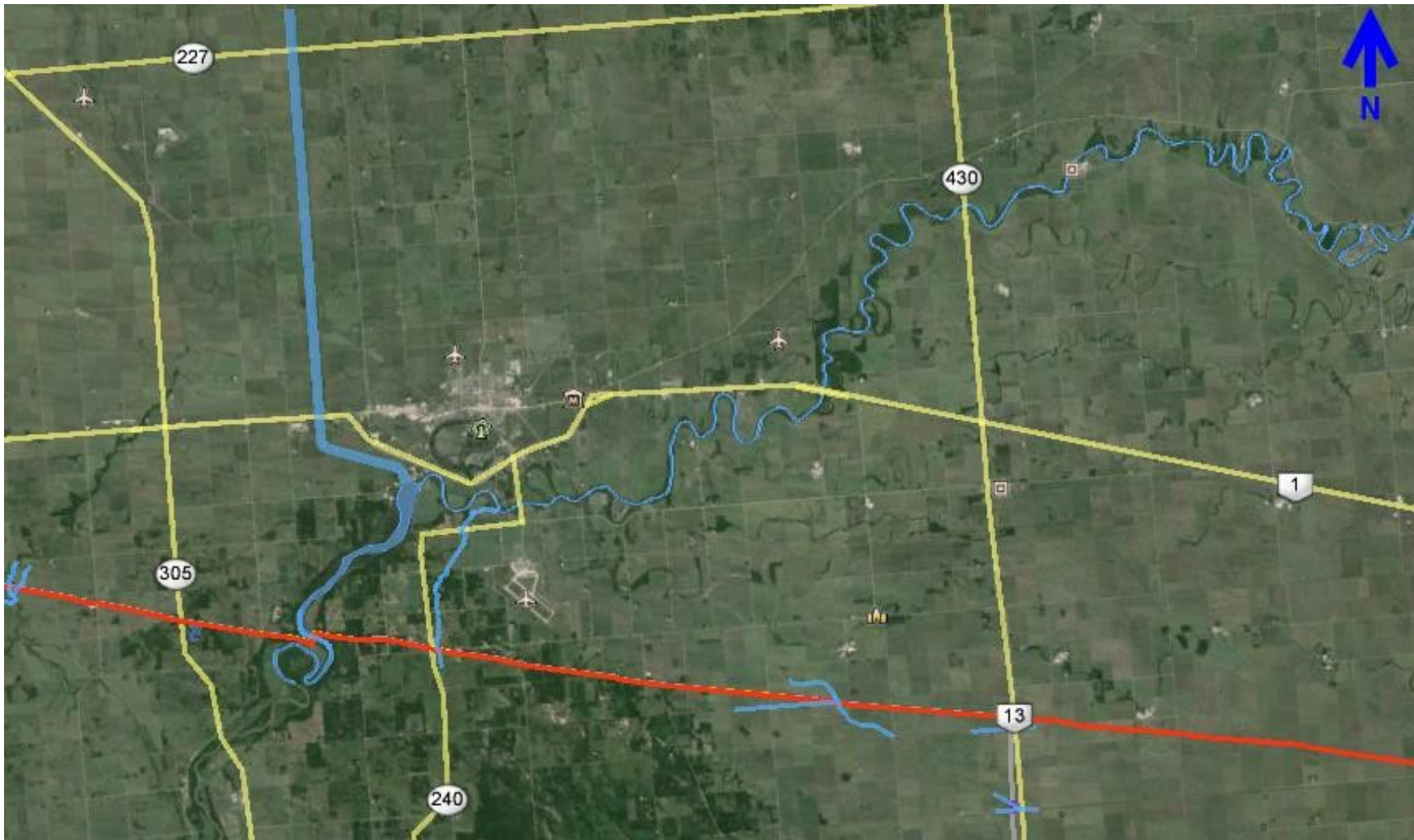
**Map 5:** close up of the Assiniboine River source and tactical control points





**Map 6:** displays the four sand and gravel aquifers within the GRP





**Map 7:** displaying the water channels within the GRP

## MEDICAL PLAN (ICS FORM 206)

### Transportation

Name	Location	Contact #	Paramedics On-Site (Y/N)
Portage La Prairie Fire Dept	124 3 St NE, Portage la Prairie, MB R1N 1N7	(204) 239-8341	Y
Regional Health Ambulance Svc	437 Tupper St N, Portage la Prairie, MB R1N 1X4	(204) 857-5441	Y

### Hospitals

Hospital Name	Address	Contact #	Travel Time		Burn Center	Heli-Pad
			Air	Ground		
Portage District General Hospital	524 5th St SE Portage la Prairie MB R1N 3A8	(204) 239-2211				

### Special Medical Emergency Procedures

## RESOURCE REQUIREMENT MATRIX

	Calculation	Substantive Spills Avg. Probable (1% WCD) <b>Redacted 2d</b>	Large Spills Max. Most Probable (10% WCD) <b>Redacted 2d</b>	Worst Case Discharge (WCD) <b>Redacted 2d</b>
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	40
Powerplant (Generator)	=1 per skimmer	1	4	40
Pump	=1 per skimmer	1	4	40
Boom (ft)	=1000 feet per recovery site	1000	4000	40,000
Vac Truck	=Volume of oil released/Vac Truck capacity/4 trips per day Vac Truck Capacity= 70bbls	2	18	171
Storage (Frac Tank)	=Volume of oil released/Frac Tank capacity x 2 Frac Tanks = 500 bbls	2	20	192

*\*this GRP is located in Response Zone 2 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***



Name/Address	Phone Number	Distance From – Center (km)	Conference Room Size	Food Service On Site (Y/N)	Internet Access (Y/N)	Notes
William Glesby Centre 11-2nd Street N.E., Portage la Prairie, Manitoba R1N 1R8 Canada	(204) 239-5591		4300sqft	Y	Y	
Centennial Hall 601 Tupper St N, Portage la Prairie, MB R1N 1X9, Canada	(204) 857-4798			N	N	
Meyers Norris Penny Exhibition Building Portage la Prairie, MB R0H 1N1 Canada				N	Y	
Legion Hall 275 Duke Avenue East, Portage La Prairie	(204) 857-5558			N	N	
Centennial Arena 4 <sup>th</sup> Avenue, NE, Portage la Prairie	(204) 239-8328			N	N	

## 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**

Name/Address Lat/Long	Phone Number	Distance From – Center (Miles/Kilometers)	Units (Total)	Food Service On-Site (Y/N)	Internet Access (Y/N)	Notes
Canad Inns Destination Centre Portage la Prairie 2401 Saskatchewan Avenue West, MB R1N 3L5	(204) 857-9745		92	Y	Y	<ul style="list-style-type: none"> <li>•Ambassador Banquet &amp; Conference Centre</li> <li>•Tavern United</li> <li>•Playmaker's Gaming Lounge</li> <li>•Splasher's Indoor Pool &amp; Waterslide</li> <li>•Canad Cash Counter</li> <li>•The Bottle Stop (beer vendor)</li> <li>•Complimentary coffee makers, refrigerators, hair dryers, irons and boards</li> <li>CAA/AAA members</li> </ul>
Days Inn Portage La Prairie Hwy 1 and Yellowquill Trail, Portage La Prairie, MB R1N 3C3 CA	(204) 857-9791		60	Y	Y	Medium Meeting, bar VLT's, pool table, pool, hot tub.
Super 8 Portage La Prairie MB Hwy 1A and Saskatchewan, Hwy 1A West Box 98, Portage La Prairie, MB R1N 3B2 CA	(204) 857-8883		58	N	Y	Free continental Breakfast, Wi-Fi, Pets, Pool, Meeting room, Parking. Restaurants close by.
Midtown Motor Inn 177 Saskatchewan Ave W, Portage La Prairie, MB R1N 0P5	(204) 857-6881		15	Y	Y	No Meeting room.



Hi Way Motel  2010 Saskatchewan Ave W, Portage La Prairie, MB R1N 0P2	(204) 857-8771		14	N	Y	Group discount, Long term rent, CAA & AAA Discount. New Beds, Kitchenette available, gas bbq, Wi-Fi, a/c, restaurants in walking distance.
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Name/Address Lat/Long	Phone Number	Distance From – Center (Miles/Kilometers)	Delivery (Y/N)	Notes
Burnside BBQ 49 Trans-Canada Hwy Portage la Prairie, MB	(204) 871-4198		Y	Burnside BBQ is a Professional BBQ Competition Team and Full Service Catering Co. A 10% deposit is required at the time of booking to secure you date in our calendar . 50% is required one month before the event . The remainder is due the day of your event .
Subway  315 Saskatchewan Ave E, Portage la Prairie, Manitoba R1N 0L6, Canada	(204) 239-4338		Y	Sandwiches
Domino's Pizza  1810 Saskatchewan Ave W   Unit C, Portage la Prairie, Manitoba R1N 0N9, Canada	(204) 857-5757		Y	Pizza, Pasta, Chicken, Breads, Drinks
Great Wall Chinese Restaurant  324 5th Ave. N.W., Portage la Prairie, Manitoba, Canada	(204) 857-6720		Y	Chinese
Bill's Sticky Fingers 210 Saskatchewan Ave E Portage La Prairie, MB R1N0K9	(204) 857-9999			Take out style food



Name/Address Lat/Long	Phone Number	Distance From- Center (Miles/Kilometers)	Notes
Quantum Murray Emergency Response	(877) 378-7745		
Manitoba Producers Oil Spill Co-op	(204)748-4260		<b>Redacted 1b</b>
Tervita Corporation	1-800-32-SPILL (77455)		24hr North American Emergency Response Line
Euroway Industrial Services	(204) 661-0500		
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
Portage La Prairie Fire Department	124 3 St NE Portage la Prairie, MB R1N 1N7, Canada	(204) 239-8340
Royal Canadian Mounted Police	Lorne Ave E, Portage La Prairie, MB	(204) 857-4445
City of Portage La Prairie	97 Saskatchewan Ave East Portage la Prairie, MB R1N 0L8	(204) 239-8336
Portage La Prairie Rural Municipal Office	35 Tupper St S, Portage la Prairie, MB R1N 1W7	(204) 857-3821

## 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 Portage La Prairie, MB 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.

### ROES CREEK

- [ROES CREEK SCP 1](#)
- [ROES CREEK TCP 1](#)
- [ROES CREEK TCP 2](#)
- [ROES CREEK TCP 3](#)

## **ASSINIBOINE RIVER**

- [ASSINIBOINE RIVER SCP 1](#)
- [ASSINIBOINE RIVER TCP 1](#)
- [ASSINIBOINE RIVER TCP 2](#)
- [ASSINIBOINE RIVER TCP 3](#)
- [ASSINIBOINE RIVER TCP 4](#)
- [ASSINIBOINE RIVER TCP 5](#)
- [ASSINIBOINE RIVER TCP 6](#)
- [ASSINIBOINE RIVER TCP 7](#)

## **ASSINIBOINE DIVERSION**

- [ASSINIBOINE DIVERSION TCP 1](#)
- [ASSINIBOINE DIVERSION TCP 2](#)
- [ASSINIBOINE DIVERSION TCP 3](#)