

# Enbridge Emergency Response Functional Exercise - Cass Lake September 26-28, 2017

Bemidji, Minnesota

## Exercise Plan (ExPlan)



Developed By:

**The Response Group**  
Emergency Response Pre-Planning & Support

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## Preface

This exercise plan is to test and practice a response to a major inland oil spill from a Lakehead System Pipeline that impacts a water body. It shall test the simulated tactical deployment of personnel and equipment for containment/recovery and techniques for responding to a release into water and impacted banks and vegetation. The plan was produced with input, advice, and assistance from the exercise planning team consisting of Enbridge, federal, tribal, state governments, local agencies, and key response contractors. A Concept & Objectives meeting was conducted 8 Nov 2016 with the EPA, and subsequent planning meetings as indicated in the paragraph titled "Schedule of Planning Meetings" (below) with the members of the exercise planning team. This exercise was developed to follow the guidance set forth in the Enbridge Exercise design guide (HSEEP model) to exercise Enbridge, federal, state, local, and tribal ER Plans. The exercise is intended to satisfy a requirement in the Consent Decree Civil Action No 1:16-cv-914. This plan will align with the requirements in section 115 (f) "Agreed Exercise Plan" in the Consent Decree Civil Action No 1:16-cv-914, but the scope has been revised in agreement with the US EPA. In 2017, Enbridge shall conduct the first part of the Cass Lake Exercise and it shall include a functional exercise with the mobilization and deployment of Enbridge's local Incident Management Team and a functioning command post. The first part of the Cass Lake Exercise shall implement the Incident Command System ("ICS"), including operation of the unified command structure in preparation for the field exercise to be conducted during the second part of the Cass Lake Exercise. Enbridge is not required to conduct any field exercise with equipment deployment in 2017 as part of the activities described above. Enbridge shall conduct the second part of the Cass Lake Exercise in 2018. The second part of the Cass Lake Exercise shall be a field exercise with equipment deployment at or near Cass Lake, Minnesota.

## Schedule of Planning Meetings

Exercise Planning Meeting Schedule		
Meeting	Date	Location
Concept & Objectives Meeting	08 November 2016	Hyatt Centric The Loop, Chicago, IL
Initial Planning Meeting	29 November 2016	Northern Lights Hotel Walker, MN
Midterm Planning Meeting	16 February 2017	Sanford Center Bemidji, MN
Master Scenario Events List (MSEL) Meeting	24 May 2017	Sanford Center Bemidji, MN
Final Planning Meeting	24 August 2017	Sanford Center Bemidji, MN

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## Scope

**WHERE:**

**Bemidji, Minnesota**

**Exercise Location: Incident Command Post (ICP)**

Sanford Center: 1111 Event Center Dr NE, Bemidji, MN

**Joint Information Center:**

Sanford Center: 1111 Event Center Dr NE, Bemidji, MN

**WHO:**

Enbridge, EPA, PHMSA, US Fish & Wildlife, US Forest Service, USDA – Animal and Plant Health Inspection Service, Leech Lake Band of Ojibwe Agencies, MN PCA, MN DNR, MN OPS, MN HSEM, MN Department of Health, MN Office of Public Safety, State Fire Marshal, City of Cass Lake, Cass County Sheriff Office, Cass County Public Health, Itasca County, Beltrami County, OSRO, Tri-State Wildlife, The Response Group (TRG)

**WHAT:**

The exercise will focus on the Enbridge Incident Management Team functionality, employing the Incident Command System and including communication processes, operational response management, public affairs, and command and control of a notional incident at Cass Lake.

**WHEN:**

September 26 – 28, 2017

## Exercise Objectives

This exercise is intended to achieve the following objectives:

Overall Exercise Objectives	
1.	Demonstrate the ability to establish and maintain safe response operations in accordance with the Health & Safety Plan.
2.	Conduct Unified Command response operations in accordance with Enbridge & Stakeholder's emergency response plans.
3.	Conduct an ICS 201 workshop.
4.	Work toward development of a Period 1 Incident Action Plan under Unified Command by end of exercise.
5.	Establish a Joint Information Center (JIC) and produce unified and consistent messaging with internal and external organizations.
6.	Practice "Liaison" functions and information sharing/passage to participating agencies with a view to achieving a Common Operating Picture (COP).
7.	Demonstrate and validate the ability of response personnel to activate and maintain communications during response operations in accordance with all applicable contingency and/or response plans.

## PREP Components

Evaluation of the exercise will include PREP components that will be contained in the Exercise Evaluation Guide.

The following National Preparedness for Response Exercise Program (PREP) core components and corresponding sub components (with the exception of A13, A3 paragraph 2f, and sub components in A4 and A5) will be exercised:

PREP Components
A.1 – Notifications
A.2 – Staff Mobilization
A.3 – Ability to operate within the response management system described in the plan
A.4 – Source Control
A.5 – Assessment
A.6 – Containment (within a Functional Exercise only)
A.7 – Mitigation (within a Functional Exercise only)
A.8 – Protection (within a Functional Exercise only)
A.9 – Disposal (within a Functional Exercise only)
A.10 – Communications (within a Functional Exercise only)
A.11 – Transportation (within a Functional Exercise only)
A.12 – Personnel Support
A.14 – Procurement
A.15 – Documentation



## HSEEP Core Capabilities

Evaluation of the exercise will include HSEEP Core Capabilities that will be contained in the Exercise Evaluation Guide.

The following Homeland Security Exercise Evaluation Program (HSEEP) Response Mission Area Core Capabilities will be exercised:

HSEEP Core Capabilities
Public Information & Warning
Operational Coordination
Intelligence & Information Sharing
Environmental Response/Health Safety
Operational Communications
Situational Assessment

## Exercise Scenario

At 0530 on 26 Sep 2017 the Enbridge Control Center in Edmonton recognized a pressure drop on Line 2 **Critical Energy Infrastructure Information** and initiated an Emergency Shutdown. The detection was immediately initiated and a complete shut down and isolation of the line was achieved within 13 minutes. The Control Center also called the Superior Region on-call manager and informed him of the situation. It was later determined that an estimated volume of approximately 5,800 bbls of light crude was released.

Superior Region takes action. The on-call manager called an Enbridge staff member working out of Bemidji and asked him to immediately go to the site and confirm evidence of a release. Immediately afterwards the on-call manager called the Superior Regional Director to advise him of a release. The region called the National Response Center to inform them of the release. Due to location and the sensitivity of the area, the Regional Director activated Superior's Field Response Teams (FRT), the regional Incident Management Team (IMT) and directed the activation of an Incident Command Post in accordance with the Superior Region Integrated Contingency Plan (ICP) and Cass Lake Tactical Response Plan. A series of notifications occurred from Superior Region and the Control Center with Tribes, police, local emergency management agencies, government agencies, communities, and stakeholders notified.

Passersby called 911 as a hydrocarbon odor can be detected in the general area of Highway 2. The Enbridge staff member, while conducting a reconnaissance with members of the Cass Lake Fire Department saw oil and sheen on the surface of the water.

Police called the Control Center to confirm the odor. Police were advised that an Enbridge responder (Bemidji staff member) had been dispatched and is in location. The police were also told that Enbridge activated its FRT and IMT.

It is now 0800 on 26 Sep and the local weather is partly cloudy, winds from the NE at 8.5 mph, temperature 55 degrees F, and the water temperature is 63 degrees F. Local Authority and Tribal Emergency Operations Centers have been activated and local resources deployed. Enbridge Field Response Teams have arrived and are deploying in accordance with Cass Lake Tactical Response Plan. Enbridge Superior Region Incident Management Team have established an Incident Command Post at the Sanford Center in Bemidji.

## Scenario Map

# Critical Energy Infrastructure Information



## Exercise Schedule

Tuesday, September 26, 2017			
Time	Event	Location	Participants & Lead/Facilitator
0700 – 0830	Breakfast & Badge-in/Scan-in	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise Participants</li> <li>Lead: The Response Group (TRG, badging), <b>Personal Information</b> (breakfast)</li> </ul>
0830 – 0900	Line 2 Orientation Briefing, LP Risk Management	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise Participants</li> <li>TRG Organize</li> <li>Facilitator: <b>Personal Information</b> (TRG)</li> </ul>
0830 – 1600	Wildlife Workshop	Cass Lake Hatchery 15756 State 371 NW, Cass Lake, MN 56633	<ul style="list-style-type: none"> <li>Pre-identified workshop attendees</li> <li>Lead: <b>Personal Information</b></li> </ul>
0900 – 1200	201 Work Shop	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise Participants, Truth, Evaluators, Control Staff</li> <li>TRG Organize</li> <li>Facilitator: <b>Personal Information</b> (TRG)</li> </ul>
1200 – 1300	Lunch	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise Participants</li> <li>Lead: <b>Personal Information</b></li> </ul>
1300 – 1500	201 Brief Out By Groups	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise Participants</li> <li>TRG Organize</li> <li>Facilitator: <b>Personal Information</b> (TRG)</li> </ul>
1600	Exercise Registration	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise Participants</li> <li>TRG Organize</li> <li>Lead: TRG</li> </ul>
1700 – 1800	Controller Evaluator Sim Cell Briefing	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise Control Staff (Truth, Evaluators)</li> <li>Lead: <b>Personal Information</b> (TRG)</li> </ul>

Wednesday, September 27, 2017			
Time	Event	Location	Participants & Lead
0700 – 0800	“Activation” of ICP, and JIC; Scanning & badging begins.	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>Enbridge IT/Comms</li> <li>Exercise Control Staff, Evaluators, Truth, TRG</li> <li>Lead: <span style="background-color: black; color: red;">Personal Information</span></li> </ul>
0800 – 0830	Safety Moment Orientation to Exercise Participants ICS 201 Briefing	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>Opening address: TBD</li> <li>Exercise participants</li> <li>Lead: <span style="background-color: black; color: red;">Personal Information</span> (TRG), Exercise SOFR</li> </ul>
0830	Start Exercise	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>All Exercise participants</li> <li>Lead: <span style="background-color: black; color: red;">Personal Information</span> (TRG)</li> </ul>
1500	End Exercise	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>Lead: Unified Command</li> </ul>
1500 -1600	Hotwash	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>Lead: TRG</li> </ul>
1600 -1800	Tear Down of Sites	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"> <li>Leads: <span style="background-color: black; color: red;">Personal Information</span></li> </ul>

Thursday, September 28, 2017			
Time	Event	Location	Participants & Lead
0800 -1200	After Action Meeting	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"><li>Exercise Design Team</li><li>Exercise Control Staff (Truth, Evaluators, Sim Cell)</li><li>Lead: <span style="color: red;">Personal Information</span></li></ul>
1200-1300	Lunch	Sanford Center 1111 Event Center Dr NE, Bemidji, MN	<ul style="list-style-type: none"><li>Lead: <span style="color: red;">Personal Information</span></li></ul>
1300	Depart Bemidji, MN		

## Invitation List

<b>Federal</b>
U.S. Environmental Protection Agency (EPA)
U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration (PHMSA)
U.S. Fish and Wildlife Service (FWS)
U.S. Forest Service
USDA – Animal and Plant Health Inspection Service
<b>Tribal</b>
Leech Lake Band of Ojibwe (Agencies TBD)
<b>State</b>
Minnesota Pollution Control Agency (PCA)
Minnesota Department of Natural Resources (DNR)
Minnesota Department of Health
Minnesota Office of Pipeline Safety (OPS)
Minnesota Homeland Security & Emergency Management (HSEM)
Minnesota Office of Public Safety
Office of the State Fire Marshal
<b>Local</b>
City of Cass Lake
Cass County Sheriff Office
Cass County Public Health
Itasca County
Beltrami County
<b>Private Sector</b>
Enbridge
Tri-State Wildlife
Marine Pollution Control
The Response Group (TRG)