

Superior Region
Lines 1-4, 13, 67
Tactical

Template version 2.8.2

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SPILL CONTINGENCY PLAN
SURCP0154

GPS (NAD 83) Decimal/Degree:	Latitude:		Upstream Control Point:			Upstream Valve Site /s:	
	Longitude:						
Distance to POE:	Upstream:		Downstream Control Point:			Downstream Valve Site /s:	
Objective: Control Point							
CONTROL POINT ON CASS LAKE							

Watercourse Information

Name: **Cass Lake**

Watercourse Depth: 12'

Watercourse Width: 100'

Watercourse Description:

The Control Point is located off of US Route 2, the main highway running across northern Minnesota, at Stony Point Resort and Campground. The road into the resort is a single lane paved road and offers access to the southeast side of Cass Lake. Once approval is granted to use the boat launch and beach at the resort the site will provide optimal conditions for instant access and remediation. The property affords 2000' of shoreline that can be used to aid in containment and recovery operations. Upstream of the control point Cass Lake is fed by the Mississippi River and Bemidji Lake, from the northwest. Downstream of the control point the lakes flow moves northeast into the Mississippi River and Lake Winnibigoshish. The watercourse provides enough depth for full size work boats.

For current flow velocity, view the USGS website. (<https://waterdata.usgs.gov/il/nwis/current/?type=flow>). Cass Lake has wind driven surface flow that will vary day to day. Although it is unlikely that contaminants would reach the Knutson Dam, it is important for responders to be prepared.

Logistical Information

Site Access
Requirements: Dry Conditions: Truck, UTVs
Wet Conditions: Truck, UTVs

Staging Area
Location: There is ample room for staging in the main parking lot at Stony Point Resort and on the beach. The lot and beach can accommodate a staging area up to 100'x100'. This staging area can house needed supplies, offices, port-a-johns, and serve as the operation dispatch center for spill response resources.

Work Area
Location/
Comments: The shoreline adjacent to the control point will be utilized as the work area. A work area of 15ft x 15ft can be constructed adjacent to the collection point and be utilized for the extraction and recovery process to ensure minimal impact to the environment, and to create sustainable infrastructure, for heavier and more abundant traffic.

Boat Launch
Access: There is a boat launch inside of Stony Point Resort and Campground that can be utilized as a logistical midpoint between the upstream and downstream control points. The boat launch is comprised of asphalt and is approximately 25' wide. The launch area should be closed to all nonessential personnel and will lik

Site
Comments/
Restrictions: A direct route of entry should be established as to minimize the response traffic traveling through Stony Point Resort and Campground, and will therefore require that operations are conducted in a cordial and timely manner. This will ensure positive relations is maintained with all of the campers, during the recovery, and remediation phase. Additionally, a traffic plan for traffic flow through the staging area should be established with security personnel (check in/check out), vehicles, and inventoried equipment.

Resources at Risk / Environmental Sensitive Areas

Pending a release event size and unforeseen characteristics, the resources at risk can be any, all or none of the following; the immediate area around release location, the community, Cass Lake, Pike Bay and the Mississippi River. Other operators, Cass County and surrounding counties, fish, wildlife and waterfowl. Contact Enbridge Environment Department for further details. Wetland/waterbody impacts likely. Water wells within area. Protected species potentially present. Federal, tribal, state and local approval likely required. Contact Environment Department for clearance before proceeding.

Safety Concerns

Utilize flaggers to direct traffic around work site entrance. Security is needed to keep out all nonessential personnel and direct supplies to their prospective areas. Depending on levels of soil saturation, matting may be required for ease of access. The site also has overhead powerlines, that will need to be marked off with posts and flagging in accordance with Enbridge's HASP. Consider implementing a roadblock and redirecting traffic around the work area. Makes sure a line locate is performed prior to the disturbance of any sediment.

Product pending, screen for LEL, O2, Benzene and Toluene and wear proper PPE. Ensure a small decontamination area is created to prevent cross contamination.

Implementation

Seasonal Considerations

Implementation tactics would change with wind speeds exceeding 3 mph and in extreme weather conditions stage. Winter Spill response tactics should also be generated for this control point.

Closest Equipment Cache to CP

Business / Landowner Contact Information

Stony Point Resort and Campground (218) 335-6311
16265 69TH Ave NW
Cass Lake, MN
56633

Contact the Superior Region land agent for additional information.

Strategy Site Visited:

Strategy Updated:

17-Nov-2016

17-Nov-2016



Recommended Equipment	
Quantity	Description
4	Work Boats
5500'	6" x 6" Hard Containment Boom
50	Hand Line Bridles
6000'	1/2" Rope
2	Skimmer/Port-A-Vac
50	Danforth Anchors
8	Wing Anchors
30	T-Posts
1plt	Debris Bags
3/3/3	Rakes, Shovels, Sheers
1	Boom Vane

Recommended Personnel	
Number	Description
1	Supervisor
1	Safety Inspector
6	Shoreline Crew
4/4	Boat Operator & Deckhand
2	Vacuum Truck Operator
2	Site Security
2	Flaggers/Rail Crossing Guard
1	Dockmaster

Equipment Notes
Equipment requirements will vary depending on the sites weather conditions, the tactics provided will be most widely usable with different environmental factors. Cass Lake has a sub-surface flow that moves north west toward Lake Winnibigoshish, however the biggest factor in product movement will be the direction of the wind, and should be addressed prior to the installation of the containment configuration.

Directions





AREA PHOTO 1

Staging area at Stony Point Resort and Campground.

AREA PHOTO 2

Boat launch at Stony Point Resort and Campground

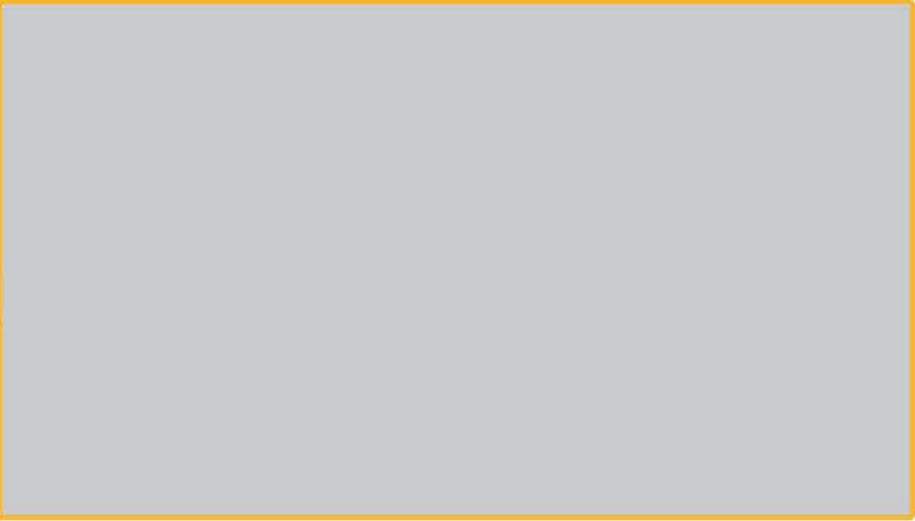
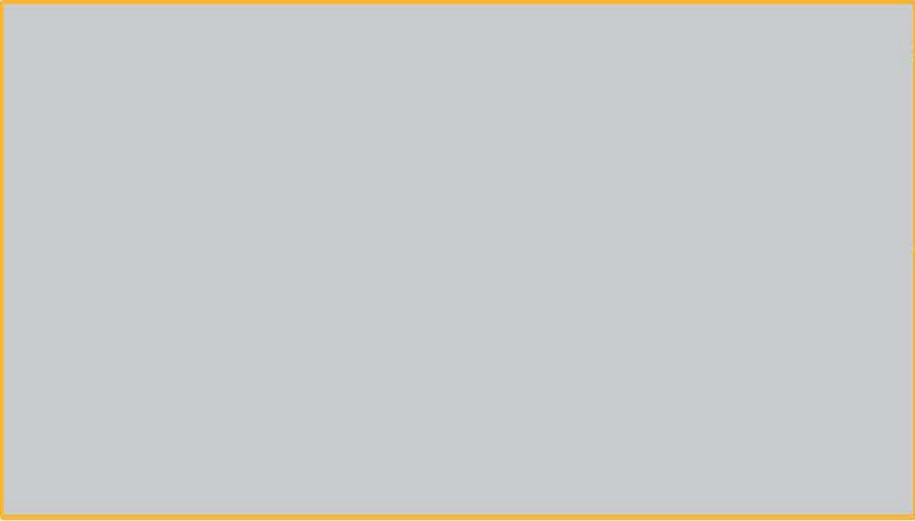


AREA PHOTO 3

Stony Park Resort and Campground parking lot facing east.

AREA PHOTO 4

Aerial view of the control point.



Additional Comments

Immediately Contact: Edmonton Control Center Liquids US. – (888) 838-4545
NRC 800-424-8802 within 1 hour of spill
Notify Regional Enbridge On Call Manager

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17-Nov-2016
Strategy Updated:
17-Nov-2016

