

IAP Cover Sheet		Version Name: 03/14/2017 05:47:07	
Incident Name: Line 5 Hydrostatic Test		Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	
Approved By			
Federal OSC: _____			
State OSC: _____			
Incident Commander: _____			
<h1>Incident Action Plan</h1>			
Notes			
<p>*THIS IAP IS FOR THE LINE 5 HYDROSTATIC TEST ONLY*</p> <p>This Incident Action Plan template (IAP) is prepared for the line 5 hydrostatic test. This is intended as a contingency plan prepared prior to an event. This IAP will be activated in the event of a release of hydrostatic test water that will contain limited a quantity of oil.</p> <p>This IAP is prepared as a template in preparation for a response in the unlikely event of a release during the hydrostatic test. It is not intended as a fully functioning IAP to cover an operations period. Modifications will be made to this IAP as intelligence is presented. This will include weather and current information the day of the event. This may include additional resources on standby or changes in names of IMT members if they are replaced. There will not be a decrease in resources available.</p> <p>The IAP describes the resources that will be staged in the area during the test phase. Resources listed will be on standby. If a response is necessary only the proper 204 work assignments will be initiated. There will be enough resources on site to complete one TRP division. Response will be based on location of the release, wind, current and conditions of the release. As this is a pre event prepared document additional 204 work assignments are included in the template. Not all divisions will be activated.</p> <p>The field response team and OSRO contractors will respond immediately and appropriately. The incident management team listed in the IAP will activate in support of operations and adjustments and additions to the plan will be made. All additional resources that may be needed will be mobilized based on assessment of the incident with the intention of over responding.</p>			
IAP Cover Sheet		Prepared By Haskins, Art, Updated 03/20/2017 18:46 GMT -5:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/20/2017 18:47 GMT -5:00	Page 1 of 20	© TRG

Table of Contents

Incident Name: Line 5 Hydrostatic Test	Period: Initial Re [06/06/17 08:00 - 06/07/17 08:00]
--	--

<i>Report Name</i>	<i>Page</i>
IAP Cover Sheet	1
Incident Details	3
Notification Status	4
Weather Report	5
ICS 202 - Incident Objectives	6
ICS 203 - Organization Assignment	7
ICS 207 - Organization Chart	8
ICS 205a - Communications List	9
ICS 206 - Medical Plan	10
ICS 204 - Assignment List	11
Resources Summary	20

Table of Contents

Incident Details

Incident Name:	Line 5 Hydrostatic Test	Drill: <input type="checkbox"/>
Description:	This IAP is created as a contingency for a release during the line 5 Hydrotest. it includes a inital deployment information that will be used depending on the current and wind conditions at the time of the test. It also identifies resourses and IMT members that will be present to initiate this plan and a response if needed.	
Incident Date	06/06/2017 08:00	
Incident Type:	Oil Spill	
Incident Category:	Template	
Incident Level:		
Asset:	Line 5	
Asset Type:	Pipeline	
Time Zone:	Eastern Standard Time	
Reported By:		
Contact Info:		
Incident Location:	REDACTED	
Nearest City:	Mackinac	
Incident Number:		

Incident Details

Last Update By IAP Enbridge At 2/23/2017 5:15:52 PM GMT -5:00

Notification Status				Version Name: 02/24/2017 08:04:16		
Incident Name: Line 5 Hydrostatic Test				Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]		
External						
Organization Notified	Phone	Date/Time Notified	Person Contacted/Email	Notified By	Case No.	Notes
National Response Center (NRC)	(800)-424-8802					
USCG Sector Sault Ste Marie	(906) 635-3233					
Michigan Pollution Emergency Alerting System	(517) 373-7660					
EPA Region 5	(800) 621-8431					
Mackinac Emergency Management	(906) 643-6731					
Tri County EMA	(855) 515-1624					
PHMSA - Central Region	(800) 329-3800					
Notification Status				Prepared By Haskins, Art, Updated 03/14/2017 06:57 GMT -5:00 PP		
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/20/2017 18:47 GMT -5:00		Page 4 of 20		© TRG

Weather Report				Version Name: 02/24/2017 09:06:26	
Incident Name: Line 5 Hydrostatic Test				Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	
Present Conditions					
Weather Conditions as of					
Humidity (%): Wind Speed: Wind Direction (from): Temperature: Visibility: Current Speed: Current Direction (to): Water Temperature:			Pressure: Dew Point: Feels Like: UV Index: Wave Height: Wave Direction: Swell Height: Swell Interval:		
Will be monitored and created starting the day before the event					
Forecast Date	Wind	Temp Hi/Lo	% Precip	Sunrise/ Sunset	Notes
Tides					
Weather Report				Prepared By Haskins, Art, Updated 02/24/2017 10:06 GMT -5:00 PP	
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/20/2017 18:47 GMT -5:00		Page 5 of 20	© TRG

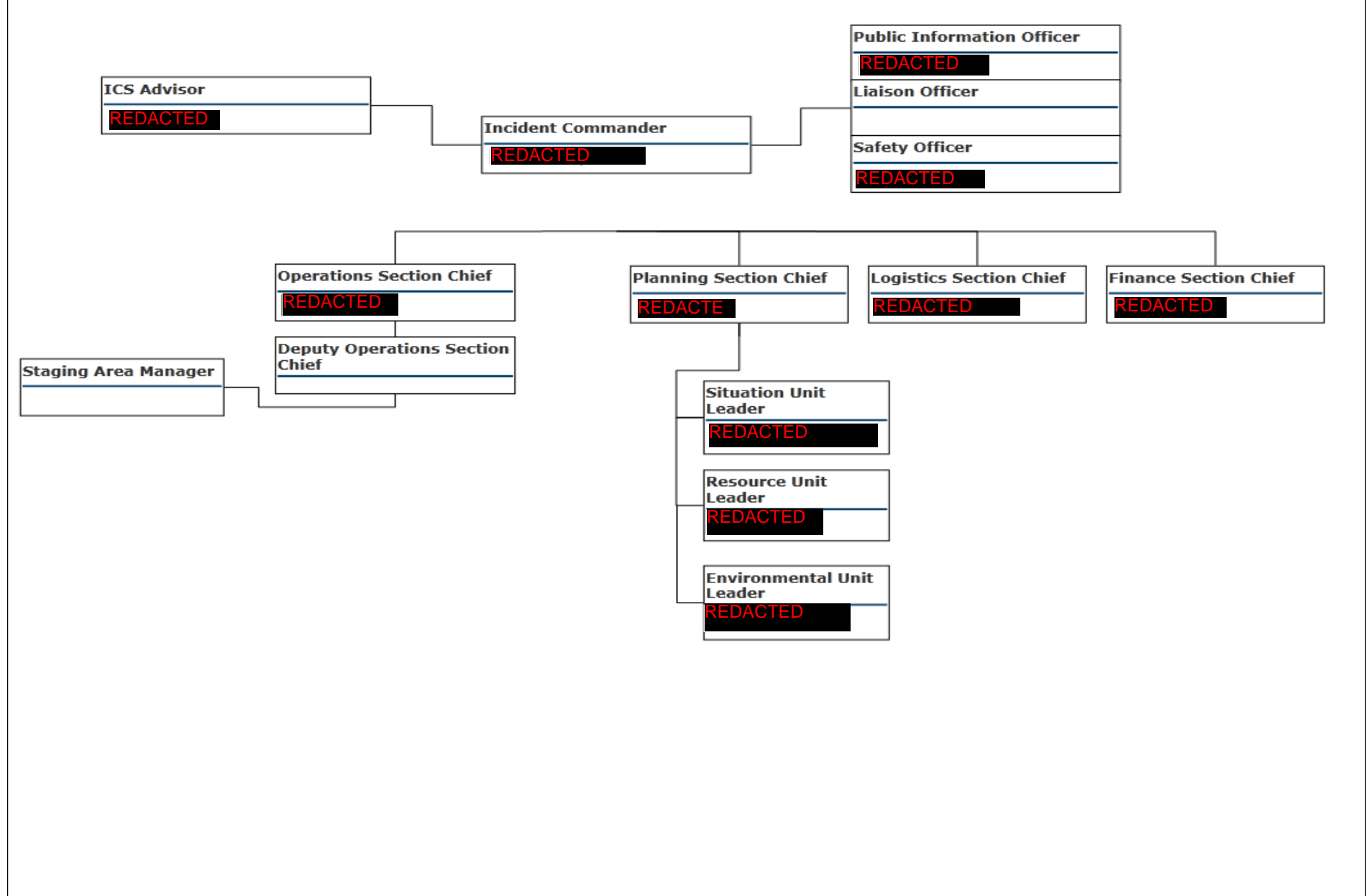
ICS 203 - Organization Assignment		Version Name: 02/23/2017 14:43:53	
Incident Name: Line 5 Hydrostatic Test		Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	
Command Section		Operations Section	
Federal OSC		Operations Section Chief	REDACTED
State OSC		Deputy Operations Section Chief	
Local Government OSC		Staging Area Manager	
Incident Commander	REDACTED	Finance Section	
Deputy Incident Commander		Finance Section Chief	REDACTED
Safety Officer	REDACTED	Time Unit Leader	
Public Information Officer	REDACTED	Procurement Unit Leader	
Liaison Officer		Compensation/Claims Unit Leader	
Agency/Organization Representatives		Cost Unit Leader	
Planning Section			
Planning Section Chief	REDACTED		
Deputy Planning Section Chief			
Resource Unit Leader	REDACTED		
Situation Unit Leader	REDACTED		
Documentation Unit Leader			
Environmental Unit Leader	REDACTED		
Demobilization Unit Leader			
Logistics Section			
Logistics Section Chief	REDACTED		
Deputy Logistics Section Chief			
Support Branch Director			
Supply Unit Leader			
Facilities Unit Leader			
Ground Support Unit Leader			
Service Branch Director			
Communications Unit Leader			
Medical Unit Leader			
Food Unit Leader			
ICS 203 - Organization Assignment		Prepared By Haskins, Art, Updated 02/23/2017 15:43 GMT -5:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/20/2017 18:47 GMT -5:00	Page 7 of 20	© TRG

ICS 207 - Organization Chart

Version Name: OVERALL

Incident Name: Line 5 Hydrostatic Test

Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]



ICS 207 - Organization Chart

Prepared By Haskins, Art, Updated 02/24/2017 09:27 GMT -5:00 PP

ICS 205a - Communications List			Version Name: 02/24/2017 08:12:01		
Incident Name: Line 5 Hydrostatic Test			Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]		
Local Communications Information					
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes
REDACTED	Situation Unit Leader	REDACTED			
REDACTED	Resource Unit Leader	REDACTED	REDACTED		
REDACTED	Planning Section Chief	REDACTED	REDACTED		
REDACTED	Environmental Unit Leader				
REDACTED	Operations Section Chief	REDACTED			
REDACTED	Logistics Section Chief				
REDACTED	Finance Section Chief				
REDACTED	Safety Officer	REDACTED			
REDACTED	Public Information Officer	REDACTED			
REDACTED	Incident Commander	REDACTED			
REDACTED	ICS Advisor	REDACTED			

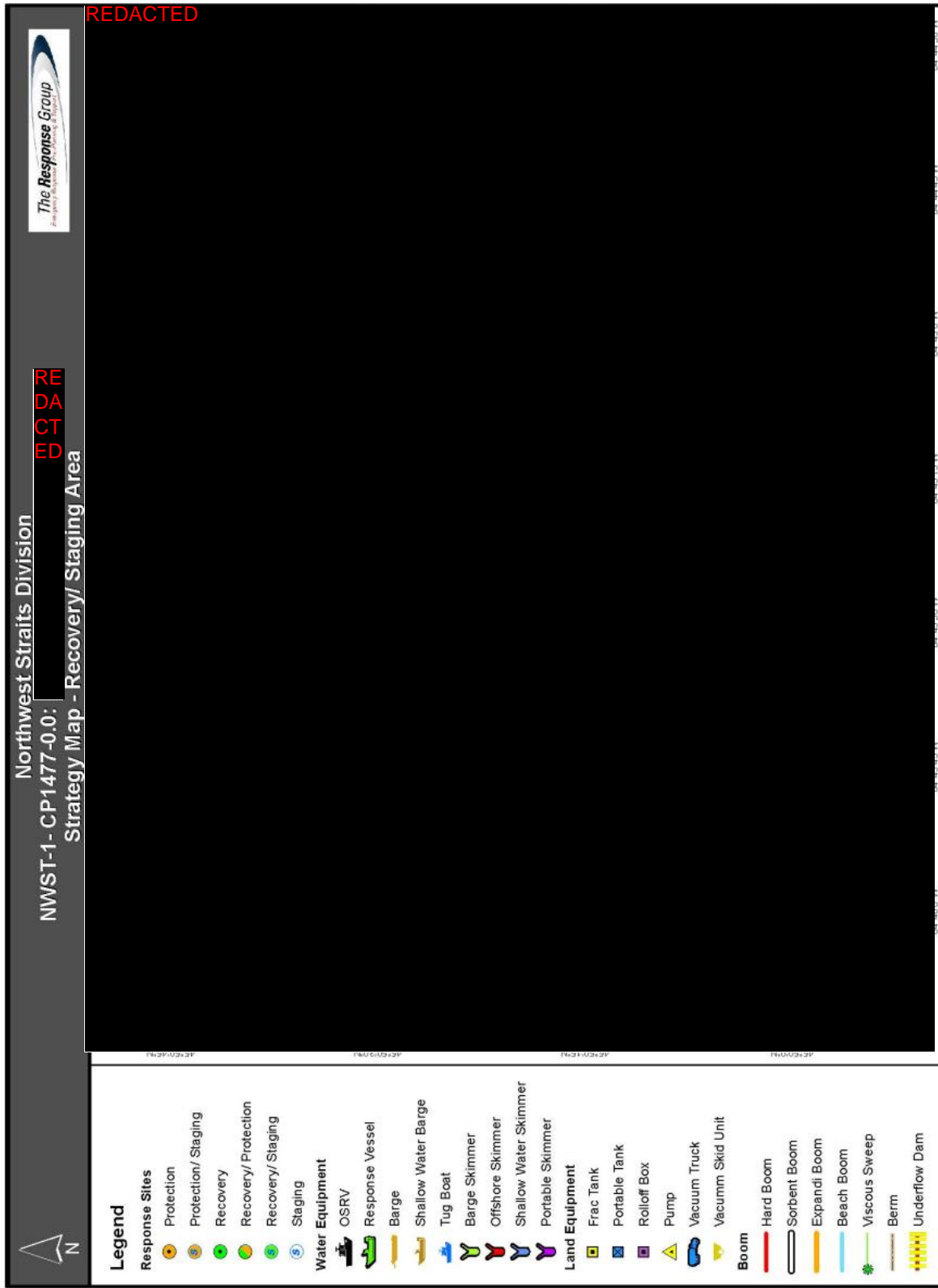
ICS 205a - Communications List		Prepared By Haskins, Art, Updated 02/24/2017 09:12 GMT -5:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/20/2017 18:47 GMT -5:00	Page 9 of 20	© TRG



ICS 206 - Medical Plan				Version Name: 02/24/2017 08:27:42				
Incident Name: Line 5 Hydrostatic Test				Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
		<input type="checkbox"/>						
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Mackinaw City Ambulance	Cheboygan	Ph1: (231) 627-9931		<input type="checkbox"/>	<input type="checkbox"/>			
St. Ignace Fire/EMS		Ph1: (906) 643-1152		<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Mackinac Straits Hospital And Health Center	1140 N State Street Saint Ignace, MI 49781 -84.72757 45.89103	Ph1: 906-643- 8585		min	min	II	<input type="checkbox"/>	<input type="checkbox"/>
Cheboygan Memorial Hospital		Ph1: (231) 627- 5601		min	min		<input type="checkbox"/>	<input type="checkbox"/>
Special Medical Emergency Procedures								
ICS 206 - Medical Plan				Prepared By Haskins, Art, Updated 02/24/2017 09:27 GMT -5:00 PP				
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/20/2017 18:47 GMT -5:00		Page 10 of 20		© TRG		

ICS 204 - Assignment List		Area Of Operation: Open Water Response		
Incident Name: Line 5 Hydrostatic Test		Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]		
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Open Water Response	Boom	Current Buster	1	
Open Water Response	Vessel Crew			
Open Water Response	Deployment Vessel		1	
Assignments				
Utilize Current Buster to provide open water capture of release from Hydrotest				
ICS 204 - Assignment List		Prepared By Haskins, Art, Updated 03/20/2017 18:37 GMT -5:00 PP		
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/20/2017 18:47 GMT -5:00	Page 11 of 20	© TRG	

ICS 204 - Assignment List				Area Of Operation: NWST-1: REDACTED (CP 1477-0.0)	
Incident Name: Line 5 Hydrostatic Test				Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	
Resources Assigned					
Identifier	Leader	#	Contact Number(s)	Reporting Location, Instructions, Notes	
NWST-1: REDACTED REDACTED (CP 1477-0.0)					
Assignments					
<p>1.) Deploy 2000', 800' and 4000' of sorbent boom around the three islands to the west of REDACTED as shown on the associated strategy map.</p> <p>2.) From the southern tip of REDACTED, deploy 1400' of sorbent boom to the west.</p> <p>3.) From the southern tip of REDACTED, deploy 400' of hard boom south into the water to create a collection area along the south cove of REDACTED.</p> <p>4.) Deploy a response boat with a shallow water skimmer to collect spilled material in the southern collection point.</p> <p>5.) From the northern tip of REDACTED, deploy 1200' of sorbent boom along the cove to the south.</p> <p>6.) From the Northern tip of REDACTED, deploy 3-400' sections of staggered hard boom to the shoreline at REDACTED.</p> <p>7.) From the western end of the sorbent boom, deploy 200' of hard boom into the channel to create a collection area in the cove.</p> <p>8.) Deploy a response boat with a shallow water skimmer to collect spilled material in the northern collection point.</p> <p>9.) Establish site as a staging area.</p> <p>10.) Maintain site integrity over the course of the response.</p> <p>11.) Manage check-in and check-out of resources.</p>					
Location of Work					
<p>NWST-1 is located at the REDACTED ~0.0miles from the pipeline crossing.</p> <p>Lat: REDACTED</p> <p>Long: REDACTED</p>					
ICS 204 - Assignment List					
INCIDENT ACTION PLAN SOFTWARE™			Printed 03/20/2017 18:47 GMT -5:00		Page 12 of 20
					© TRG

ICS 204 - Assignment List		Area Of Operation: NWST-1: REDACTED (CP 1477-0.0)	
Incident Name: Line 5 Hydrostatic Test		Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	

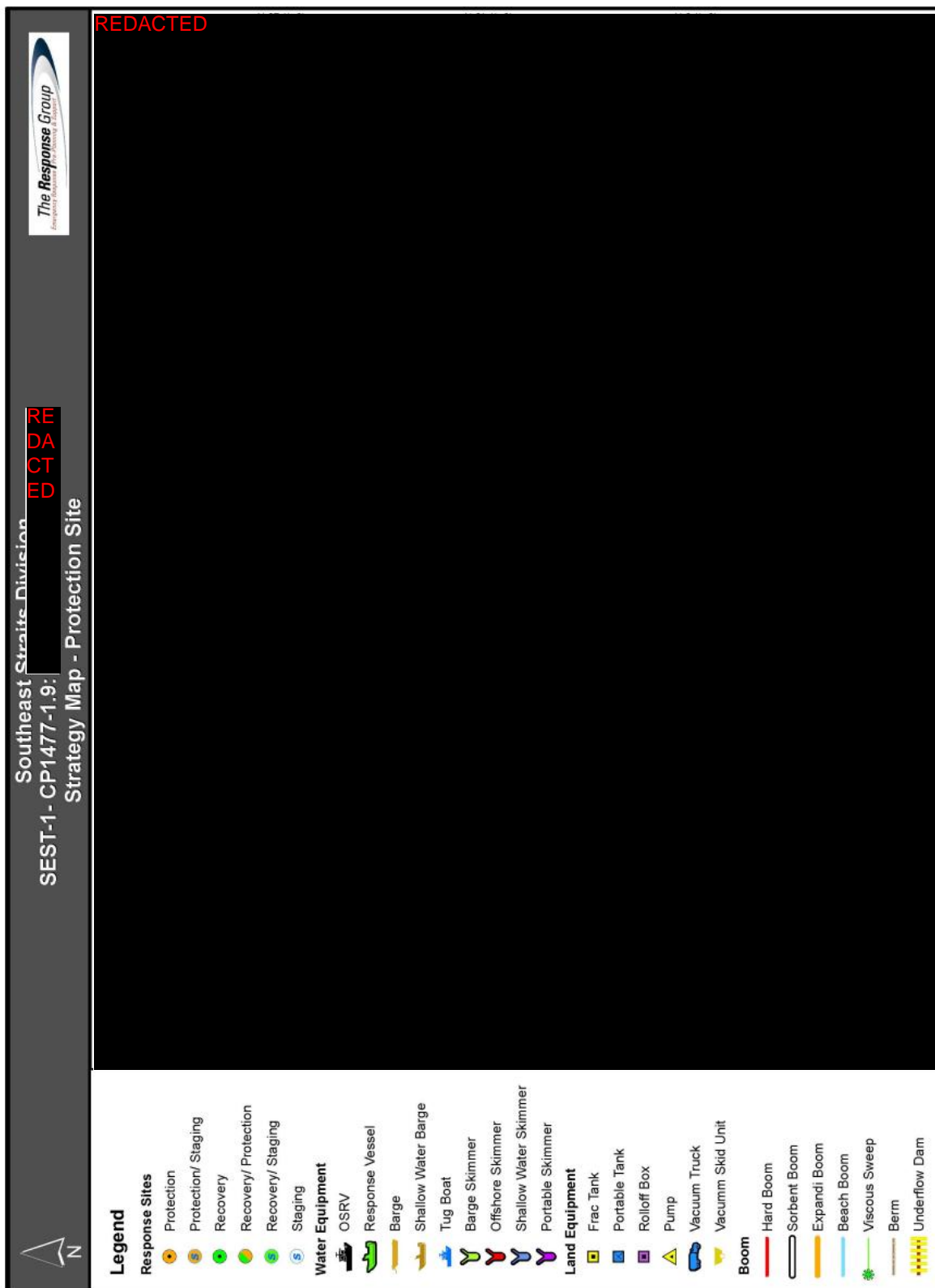


ICS 204 - Assignment List		Area Of Operation: NEST-1: REDACTED (1477-1.1)	
Incident Name: Line 5 Hydrostatic Test		Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	
<div><div><div></div><div><div>Northeast Straits Division</div><div>NEST-1- CP1477-1.1</div><div>Strategy Map - Protection/staging Area</div></div></div><div><div></div><div><div>Legend</div><div><div>Response Sites</div><div>Protection</div><div>Protection/ Staging</div><div>Recovery</div><div>Recovery/ Protection</div><div>Recovery/ Staging</div><div>Staging</div><div>Water Equipment</div><div>OSRV</div><div>Response Vessel</div><div>Barge</div><div>Shallow Water Barge</div><div>Tug Boat</div><div>Barge Skimmer</div><div>Offshore Skimmer</div><div>Shallow Water Skimmer</div><div>Portable Skimmer</div><div>Land Equipment</div><div>Frac Tank</div><div>Portable Tank</div><div>Rolloff Box</div><div>Pump</div><div>Vacuum Truck</div><div>Vacuum Skid Unit</div><div>Boom</div><div>Hard Boom</div><div>Sorbent Boom</div><div>Expandi Boom</div><div>Beach Boom</div><div>Viscous Sweep</div><div>Berm</div><div>Underflow Dam</div></div></div></div><div><div>REDACTED</div></div></div>			
ICS 204 - Assignment List		Updated 02/24/2017 09:35 GMT -5:00	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/20/2017 18:47 GMT -5:00	Page 15 of 20	© TRG

ICS 204 - Assignment List		Area Of Operation: SWST-1: REDACTED (CP 1477-0.0)	
Incident Name: Line 5 Hydrostatic Test		Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	
Assignments			
<p>1.) Deploy 2400' viscous sweep along the shoreline to the west of the dead end at REDACTED .</p> <p>2.) Deploy 2400' of sorbent boom along the shoreline on the inland side of the viscous sweep.</p> <p>3.) From the western tip of the sorbent, deploy 700' of hard boom toward the north at an angle dependent on current speed .</p> <p>4.) Stage roll off box to store collected oiled debris.</p> <p>5.) Establish site as a staging area.</p> <p>6.) Maintain site integrity over the course of the response.</p> <p>7.) Manage check-in and check-out of resources.</p>			
Location of Work			
<p>SWST-1 is located to the northern dead end of REDACTED . at REDACTED ~0.0 miles from the pipeline crossing.</p> <p>Lat: REDACTED</p> <p>Long: REDACTED</p>			
ICS 204 - Assignment List		Updated 02/24/2017 09:35 GMT -5:00	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/20/2017 18:47 GMT -5:00	Page 16 of 20	© TRG

ICS 204 - Assignment List		Area Of Operation: SEST-1: REDACTED S.P. (CP 1477-1.9)	
Incident Name: Line 5 Hydrostatic Test		Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]	
Assignments			
1.) Deploy 4000' of viscous sweep west from the REDACTED along the shoreline across REDACTED			
2.) Deploy 4000' of sorbent boom along the shoreline on the inland side of the viscous sweep.			
Location of Work			
SEST-1 is located at the intersection of REDACTED and REDACTE ,~1.9 miles from the pipeline crossing. Lat: REDACTED Long: REDACTED			
ICS 204 - Assignment List		Prepared By Haskins, Art, Updated 02/24/2017 09:45 GMT -5:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/20/2017 18:47 GMT -5:00	Page 18 of 20	© TRG

ICS 204 - Assignment List	Area Of Operation: SEST-1: REDACTED (CP 1477-1.9)
Incident Name: Line 5 Hydrostatic Test	Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]



Resources Summary

Incident Name: Line 5 Hydrostatic Test

Period: Initial Re [06/06/2017 08:00 - 06/07/2017 08:00]

<i>Res ID</i>	<i>Supplier</i>	<i>Resource Kind</i>	<i>Resource</i>	<i>Quantity</i>	<i>Size</i>	<i>Equip ID</i>	<i>Area</i>	<i>Status</i>	<i>Status Date</i>
5	Enbridge	Emergency Response Trailer	ER Trailer	1			Incident Location	Stand-by	03/05/2017 12:06
6	Enbridge	Response Boat	Boat	1			Incident Location	Stand-by	03/05/2017 12:07
1	Enbridge	River Boom	Hard boom	3000 feet			Incident Location	Stand-by	03/05/2017 11:56
7	Enbridge	Safety Boat	Safety Boat	1			Incident Location	Stand-by	03/05/2017 12:08
2	Enbridge	Sorbent: Boom	Sorbant Boom	2000 feet			Incident Location	Stand-by	03/05/2017 11:58
4	Enbridge	Containment Chamber System	Current Buster	1 each			Open Water Response	Stand-by	03/05/2017 12:04
3	Marine Pollution Control	Deployment Vessel	Vessel Tow	1 each			Open Water Response	Stand-by	03/05/2017 12:02

Resources Summary