

1. Incident Name:
Sturgeon River US-41 Gasoline Spill

2. Operational Period:
Starting: February 12, 2018, 0830
End: February 12, 2018, 1900

IAP
Cover
Sheet

3. Approved by Incident Commander(s):

Ralph Dollhopf 2/11/18
Ralph Dollhopf, U.S. EPA

Amy Keranen
Amy Keranen, Michigan Department of Environmental Quality

Rich Baron
Rich Baron, Kenan Advantage Group

Cathryn Beer
Cathryn Beer, WUPHD

Chris Van Arsedale
Chris Van Arsedale, Houghton County EM

Incident Action Plan

The items below are included in this Incident Action Plan:

- ICS 202 (Response Objectives)
- ICS 203 (Organization Assignment List)
- ICS 204 (Assignment List)
- ICS 207 (Organization Chart)

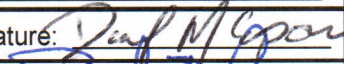
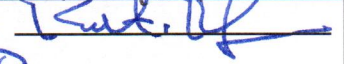


7. Prepared by: Name: Dan Capone

Position/Title: Planning Section Chief Signature: Dan M Capone

2-11-18 1620 hrs

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: Sturgeon River US-41 Gasoline Spill	2. Operational Period: Date From: 2-11-18 Time From: 08:30	Date To: 2-12-18 Time To: 19:00															
3. Objective(s): Protect public safety. Protect worker safety. Recover product from the river. Remove product spilled onto the land. Develop Work Plan for all elements of long-term recovery and monitoring phase. Reopening of all lanes on US-41 bridge over Sturgeon River.																	
4. Operational Period Command Emphasis: Continue air monitoring in residential areas. Continue assessment of primary containment boom in river for impacts from released fuel.. Monitor and recover product on the ice or outside of the sheet piling. Continue excavation of impacted soil from spill source area along both sides and under bridge. Assess the need for intermediate engineering controls for dual phase containment and recovery of spilled product around and under bridge. Begin to prepare restoration plan of bridge embankment and plan for demobilization of resources.																	
General Situational Awareness Product recovery from the banks along both sides of the bridge continues. Worker safety considerations are ongoing. Continue monitoring nearby residential properties.																	
5. Site Safety Plan Required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Approved Site Safety Plan(s) Located at: Command center trailer																	
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"><tr><td style="width: 33%;"><input checked="" type="checkbox"/> ICS 202</td><td style="width: 33%;"><input type="checkbox"/> ICS 206</td><td style="width: 34%;">Other Attachments:</td></tr><tr><td><input checked="" type="checkbox"/> ICS 203</td><td><input checked="" type="checkbox"/> ICS 207</td><td><input checked="" type="checkbox"/> Traffic Control Plan</td></tr><tr><td><input checked="" type="checkbox"/> ICS 204</td><td><input type="checkbox"/> ICS 208</td><td><input type="checkbox"/> _____</td></tr><tr><td><input type="checkbox"/> ICS 205</td><td><input checked="" type="checkbox"/> Map/Chart</td><td><input type="checkbox"/> _____</td></tr><tr><td><input type="checkbox"/> ICS 205A</td><td><input type="checkbox"/> Weather Forecast/Tides/Currents</td><td><input type="checkbox"/> _____</td></tr></table>			<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 206	Other Attachments:	<input checked="" type="checkbox"/> ICS 203	<input checked="" type="checkbox"/> ICS 207	<input checked="" type="checkbox"/> Traffic Control Plan	<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input type="checkbox"/> _____	<input type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/> _____	<input type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather Forecast/Tides/Currents	<input type="checkbox"/> _____
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7. Prepared by: Name: Dan Capone Position/Title: Planning Section Chief Signature: 																	
8. Approved by Incident Commander: Name: OSC Ralph Dollhopf Signature: 																	
ICS 202	IAP Page 2	Date/Time: 2-11-18 1630															

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-12-18 Time From: 08:30		Date To: 2-12-18 Time To: 19:00
3. Incident Commander(s)/ Agency Incident Coordinator and Command Staff: (include location)		7. Operations Section:		
<input type="checkbox"/> IMT IC/UCs	Unified Command	Chief	Tom Anthos	906-360-1545
<input type="checkbox"/> IMG AIC		Deputy	Dan Capone	517-881-8837
Deputy		Staging Area		
Safety Officer	Tom Anthos 906-360-1545	Branch	River Assessment and Recovery	
Public Info. Officer		Branch Director	Mylan Koski	906-360-4027
Liaison Officer		Deputy	Brandon Ray	269-719-5541
4. Agency/Organization Representatives:		Group	Assessment	906-360-4027
Agency/Organization	Name	Group	Recovery	269-719-5541
USEPA	Ralph Dollhopf 231-301-0559	Division/Group		
MDEQ	Amy Keranen 906-231-6060	Division/Group		
TriMedia	Tom Anthos 906-360-1545	Division/Group		
Kenan Advantage Group	Richard Baron 248-310-9720	Branch	B a n k R e c o v e r y	
WUPHD	Cathryn Beer 906-201-2342	Branch Director	Mylan Koski	906-360-4027
Houghton County EM	Chris Van Arsdale 906-281-8170	Deputy		
5. Planning Section:		Division/Group		
Chief	Dan Capone 517-881-8837	Division/Group		
Deputy		Division/Group		
Resources Unit		Division/Group		
Situation Unit		Division/Group		
Documentation Unit		Branch	Air Monitoring and Sampling	
Demobilization Unit		Branch Director	Evan Birkett	734-536-3292
Technical Specialists		Deputy		
		Group	TriMedia	906-360-0024
		Group	EPA START	734-536-3292
		Division/Group		
6. Logistics Section:		Division/Group		
Chief	Tom Anthos 906-360-1545	Division/Group		
Deputy		Branch		
Support Branch		Branch Director		
Director				
Supply Unit				
Facilities Unit	Traffic Control-Hans Haapala	8. Finance/Administration Section:		
Ground Support Unit		Chief	Marlin Zechman 610-968-9500	
Service Branch		Deputy		
Director		Time Unit		
Communications Unit		Procurement Unit		
Medical Unit		Comp/Claims Unit		
Food Unit		Cost Unit		
9. Prepared by: Name: Dan Capone _____ Position/Title: Planning Section Chief _____ Signature: <i>Dan M Capone</i>				
ICS 203	IAP Page <u>3</u>	Date/Time: <u>2-11-18 1620 hrs</u>		

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-12-18 Date To: 2-12-18 Time From: 0830 Time To: 1900		3. Branch: Bank Recovery Division: Group: Staging Area:																																																						
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7. Special Instructions: Traffic Control and personnel safety must be a focus during this period of significantly increased heavy equipment activity. Air monitoring and the potential for increased VOC vapors during excavation and loading activities will continue to be a concern and will be monitored.																																																										
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6. Work Assignments: Discuss sequencing with Team and Excavator operator Maintain boom curtain at western edge and northern edge of surface ice impact area Continue to remove impacted water with Vac Truck, if present Work with landward operators to remove impacted materials Develop mid-term containment strategy for north side impact area at River																																											
7. Special Instructions: Discuss water evacuation and warming plan in the event of ice rescue																																											
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ICS 204		IAP Page 7		Date/Time: 2-11-18 1620 hrs																																															

ASSIGNMENT LIST (ICS 204)

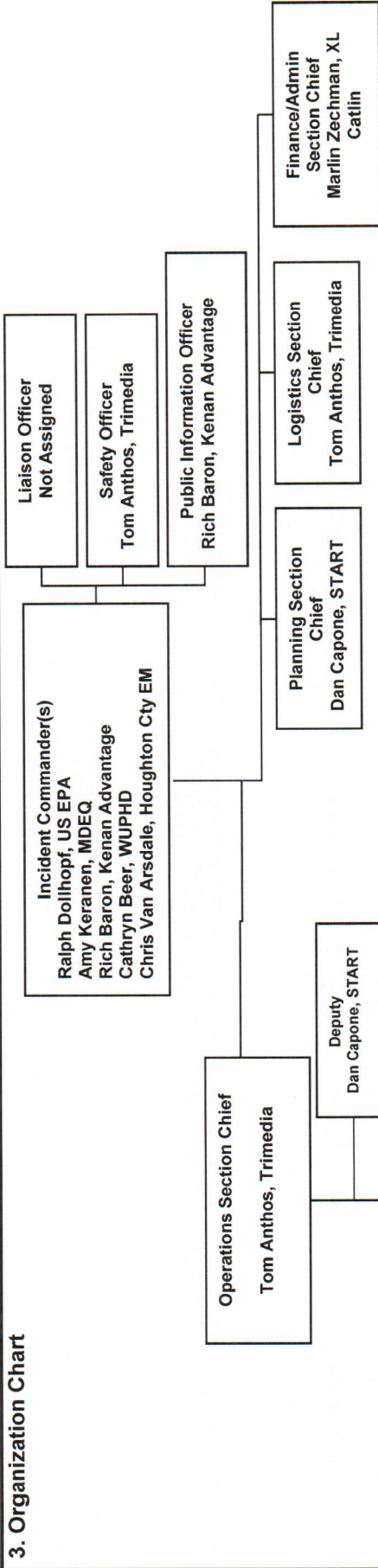
1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-12-18 Date To: 2-12-18 Time From: 08:30 Time To: 19:00		3. Branch: Air Mon & Sample Division: Group: EPA-START Staging Area:																																																						
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Incident Organization Chart (ICS 207)

1. Incident Name: Sturgeon River US-41 Gasoline Release

2. Operational Period: Date From: 02/12/2018 Time From: 0830 Date To: 02/12/2018 Time To: 1900

3. Organization Chart



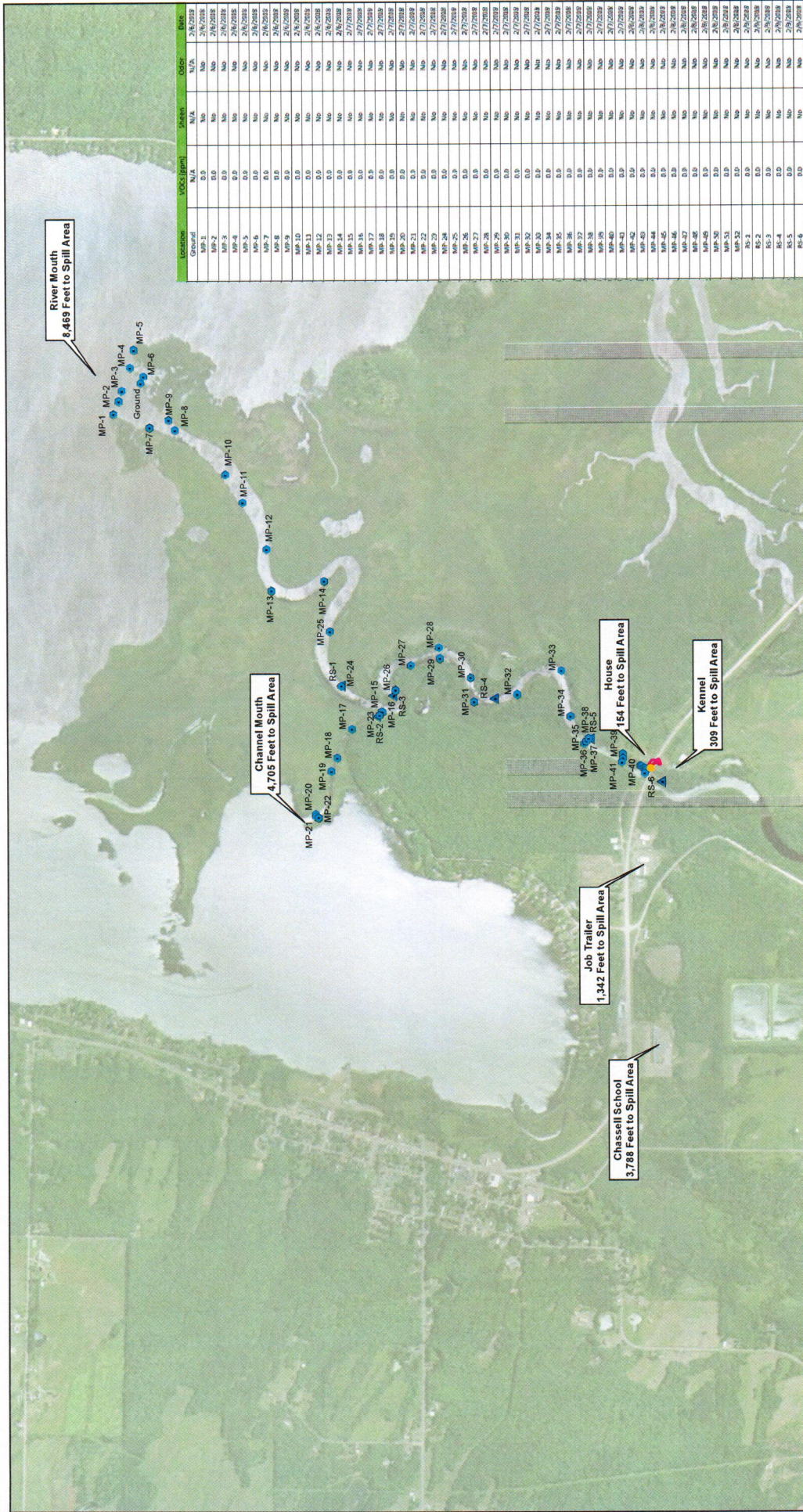
Traffic Control Plan
Sturgeon River US-41 Gasoline Spill
2-12-18

- Truck drivers, flaggers, box-lining staff, and operators will attend an 08:00 (or earlier) safety meeting to go over the haul route, traffic flow, and safety.
- The west driveway will be inbound traffic and the east driveway will be outbound traffic.
- All trucks will stage on the east side of DP Construction's shop.
- Trucks will be going past the office trailer so use caution when entering/exiting the office trailer area.
- Trucks drivers are to stay in their trucks unless they need to use the sanitary facilities adjacent to the office trailer.
- Hans Haapala of B&B Contracting or his designee will direct trucks on when to leave staging and where to go to load.
- During safety meeting, all staff will be informed on modified site parking plan to facilitate loading and excavation activities at spill site.
- Communications will be via cell phone and potentially radio from the staging area to the work site.
- No smoking.
- Last load to landfill will leave the site at 4:30 pm.

Signed:  _____

Date: 2/11/2018

Title: ops Section Chief



Legend

- Spill Area
- On River Product Assessment Locations
- River Sample - Water Column
- Soil Sample

Map Location

Scale

0 625 1,250 2,500 Feet

TRIMEDIA
ENVIRONMENTAL & ENGINEERING

Figure 2
STURGEON RIVER US 41 GASOLINE SPILL
ON RIVER ASSESSMENT
SHEET 1 OF 1

Drawn: KGK 2/10/2018

Approved: TLA 2/10/2018

Project #: 2018-024

