

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

2. Operational Period:  
Starting: February 11, 2018, 0830  
End: February 11, 2018, 1900

IAP  
Cover  
Sheet

3. Approved by Incident Commander(s):

*Ralph Dollhopf*

Ralph Dollhopf, U.S. EPA

2/10/18 1635

*Amy Keranen*

Amy Keranen, Michigan Department of Environmental Quality

*Rich Baron*

Rich Baron, Kenan Advantage Group

*Cathryn Beer*

Cathryn Beer, WUPHD

*Chris Van Arsdale*

Chris Van Arsdale, 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*

2-10-18 1630

## INCIDENT OBJECTIVES (ICS 202)

<b>1. Incident Name:</b> Sturgeon River US-41 Gasoline Spill	<b>2. Operational Period:</b> Date From: 2-11-18 Time From: 08:30	Date To: 2-11-18 Time To: 19:00			
<b>3. Objective(s):</b> 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 M-41 bridge over Sturgeon River.					
<b>4. Operational Period Command Emphasis:</b> 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.					
<b>General Situational Awareness</b> Product recovery from the banks along both sides of the bridge continues. Worker safety considerations are ongoing. Continue monitoring nearby residential properties.					
<b>5. Site Safety Plan Required?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Approved Site Safety Plan(s) Located at:</b> Command center trailer					
<b>6. Incident Action Plan</b> (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input checked="" type="checkbox"/> ICS 202  <input checked="" type="checkbox"/> ICS 203  <input checked="" type="checkbox"/> ICS 204  <input type="checkbox"/> ICS 205  <input type="checkbox"/> ICS 205A         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ICS 206  <input checked="" type="checkbox"/> ICS 207  <input type="checkbox"/> ICS 208  <input checked="" type="checkbox"/> Map/Chart  <input type="checkbox"/> Weather Forecast/Tides/Currents         </td> <td style="width: 34%; vertical-align: top;"> <b>Other Attachments:</b>  <input checked="" type="checkbox"/> Traffic Control Plan  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> </tr> </table>			<input checked="" type="checkbox"/> ICS 202 <input checked="" type="checkbox"/> ICS 203 <input checked="" type="checkbox"/> ICS 204 <input type="checkbox"/> ICS 205 <input type="checkbox"/> ICS 205A	<input type="checkbox"/> ICS 206 <input checked="" type="checkbox"/> ICS 207 <input type="checkbox"/> ICS 208 <input checked="" type="checkbox"/> Map/Chart <input type="checkbox"/> Weather Forecast/Tides/Currents	<b>Other Attachments:</b> <input checked="" type="checkbox"/> Traffic Control Plan <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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<b>7. Prepared by:</b> Name: Dan Capone Position/Title: Planning Section Chief Signature: <i>[Signature]</i>					
<b>8. Approved by Incident Commander:</b> Name: OSC Ralph Dollhopf Signature: <i>[Signature]</i>					
ICS 202	IAP Page 2	Date/Time: 2-10-18 1635			



# ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-11-18 Date To: 2-11-18 Time From: 08:30 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	<b>Branch</b>	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	<b>Branch</b>	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		<b>Branch</b>	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		<b>Branch</b>	
<b>Support Branch</b>		Branch Director	
Director			
Supply Unit			
Facilities Unit	Traffic Control-Scott	8. Finance/Administration Section:	
Ground Support Unit		Chief	Marlin Zechman 610-968-9500
<b>Service Branch</b>		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>[Signature]</i>			
ICS 203	IAP Page 3	Date/Time: 2-10-18 1630 hrs	

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<b>6. Work Assignments:</b> Meet with all Truck Drivers and Traffic Control Personnel to discuss traffic and loading control plan Prep equipment for excavation, loading, hauling to staging area and backfill/restoration Remove surface impacted materials and impacted ice with long stick excavator (if needed) Continue removal of impacted soils at release area North and South locations Perform soil impact delineation at rivers edge back to main spill area during excavation Load and truck impacted materials to on site staging area. No hauling to landfill today. Traffic Control																																																					
<b>7. Special Instructions:</b> Traffic Control and personnel safety must be a focus during this period of significantly increased heavy equipment activity. Air monitoring and the high potential for increased VOC vapors during excavation and loading activities will continue to be a concern and will be monitored.																																																					
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## ASSIGNMENT LIST (ICS 204)

<b>1. Incident Name:</b> Sturgeon River US-41 Gasoline Spill		<b>2. Operational Period:</b> Date From: 2-11-18      Date To: 2-11-18 Time From: 08:30      Time To: 19:00		<b>3.</b>  <b>Branch:</b> <b>Air Mon &amp; Sample</b> <b>Division:</b>  <b>Group:</b> <b>EPA-START</b> <b>Staging Area:</b>																																																											
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# Incident Organization Chart (ICS 207)

<b>1. Incident Name:</b> Sturgeon River US-41 Gasoline Release		<b>2. Operational Period:</b> Date From: 02/11/2018 Time From: 0830		Date To: 02/11/2018 Time To: 1900	
<b>3. Organization Chart</b>					
<pre> graph TD     IC["Incident Commander(s) Ralph Dollhopf, US EPA Amy Keranen, MDEQ Rich Baron, Kenan Advantage Cathryn Beer, WUPHD Chris Van Arsdale, Houghton Cty EM"]     OSC["Operations Section Chief Tom Anthos, Trimedia"]     PSC["Planning Section Chief Dan Capone, START"]     LSC["Logistics Section Chief Tom Anthos, Trimedia"]     FAC["Finance/Admin Section Chief Marlin Zechman, XL Catlin"]          IC --- OSC     IC --- PSC     IC --- LSC     IC --- FAC          OSC --- DSC["Deputy Dan Capone, START"]     OSC --- RARB["River Assessment/Recovery Branch Director Mylan Koski, Trimedia"]     OSC --- BRD["Bank Recovery Branch Director Mylan Koski, Trimedia"]     OSC --- AMSB["Air Monitoring/Sampling Branch Evan Birkett, START"]          PSC --- LO["Liaison Officer Not Assigned"]     PSC --- SO["Safety Officer Tom Anthos, Trimedia"]     PSC --- PIO["Public Information Officer Rich Baron, Kenan Advantage"]          LSC --- LO2["Liaison Officer Not Assigned"]     LSC --- SO2["Safety Officer Tom Anthos, Trimedia"]     LSC --- PIO2["Public Information Officer Rich Baron, Kenan Advantage"]          FAC --- LO3["Liaison Officer Not Assigned"]     FAC --- SO3["Safety Officer Tom Anthos, Trimedia"]     FAC --- PIO3["Public Information Officer Rich Baron, Kenan Advantage"]                 </pre>					
ICS 207	IAP Page	4. Prepared by: Name: Dan Capone Position/Title: Planning Sec Chief	Signature: <i>[Signature]</i>	Date/Time: 2-10-18 1630	

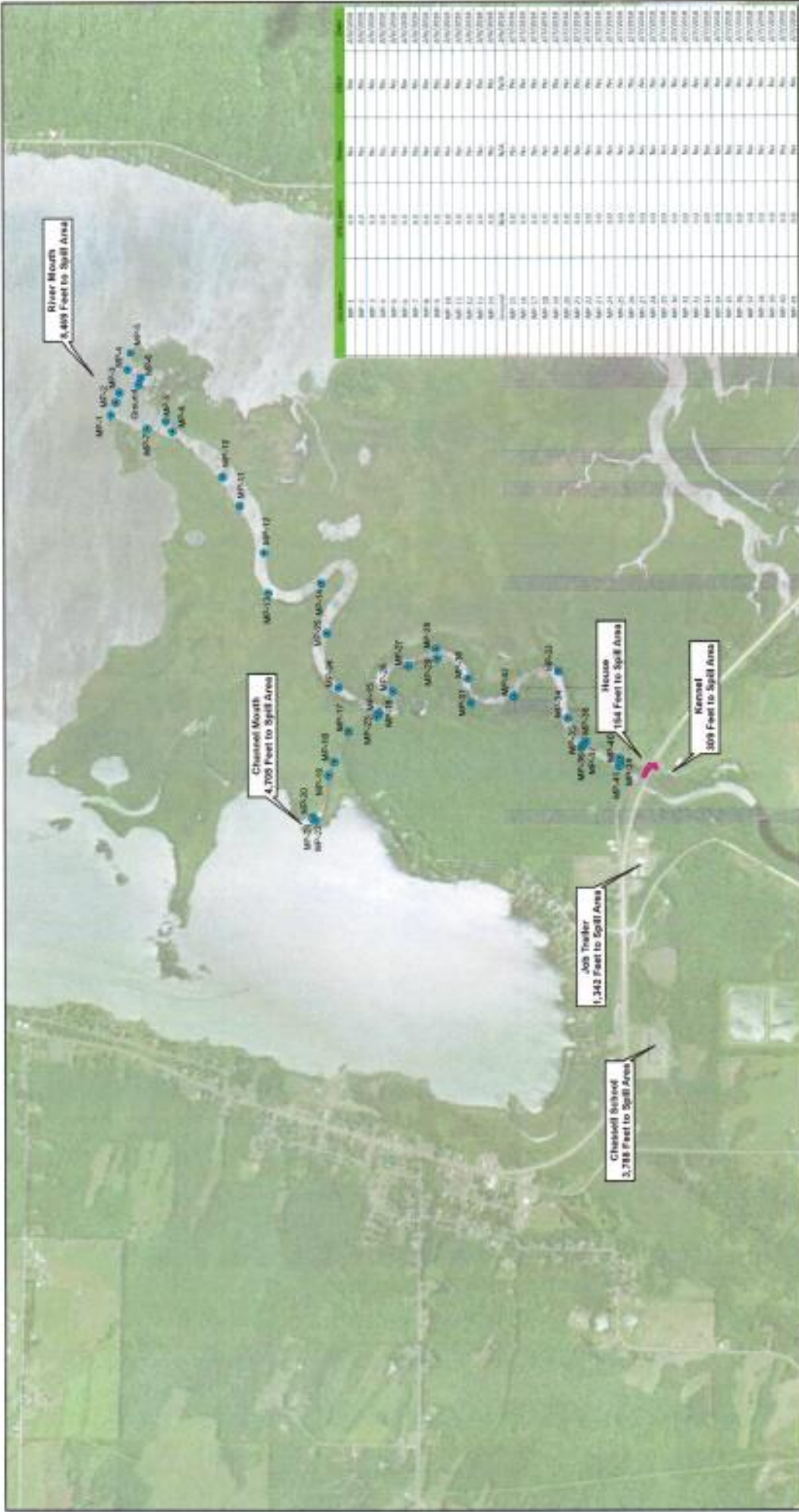
**Traffic Control Plan**  
**Sturgeon River US-41 Gasoline Spill**  
**2-11-18**

- Truck drivers, flaggers, and operators will attend 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.
- Scott 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.

Signed:   
Title: OPS Section Chief

Date: 2/10/18





**TRIMEDIA**  
Environmental & Construction Services

Drawn: ESN 2/7/2018  
Approved: MAK 2/7/2018  
Project #: 2018-024

**Map Location**

**Legend**

- Spill Area
- On River Product Assessment Locations

**FIGURE 2**

**STURGEON RIVER US 41 GASOLINE SPILL**

**SPILL AREA DISTANCES & RIVER ASSESSMENT**

**SHEET 1 OF 1**

Point	Distance (Feet)	Assessment Date	Assessment Status
MP-1	5,400	2/7/2018	NA
MP-2	5,400	2/7/2018	NA
MP-3	5,400	2/7/2018	NA
MP-4	5,400	2/7/2018	NA
MP-5	5,400	2/7/2018	NA
MP-6	5,400	2/7/2018	NA
MP-7	5,400	2/7/2018	NA
MP-8	5,400	2/7/2018	NA
MP-9	5,400	2/7/2018	NA
MP-10	5,400	2/7/2018	NA
MP-11	5,400	2/7/2018	NA
MP-12	5,400	2/7/2018	NA
MP-13	5,400	2/7/2018	NA
MP-14	5,400	2/7/2018	NA
MP-15	5,400	2/7/2018	NA
MP-16	5,400	2/7/2018	NA
MP-17	5,400	2/7/2018	NA
MP-18	5,400	2/7/2018	NA
MP-19	5,400	2/7/2018	NA
MP-20	5,400	2/7/2018	NA
MP-21	5,400	2/7/2018	NA
MP-22	5,400	2/7/2018	NA
MP-23	5,400	2/7/2018	NA
MP-24	5,400	2/7/2018	NA
MP-25	5,400	2/7/2018	NA
MP-26	5,400	2/7/2018	NA
MP-27	5,400	2/7/2018	NA
MP-28	5,400	2/7/2018	NA
MP-29	5,400	2/7/2018	NA
MP-30	5,400	2/7/2018	NA
MP-31	5,400	2/7/2018	NA
MP-32	5,400	2/7/2018	NA
MP-33	5,400	2/7/2018	NA
MP-34	5,400	2/7/2018	NA
MP-35	5,400	2/7/2018	NA
MP-36	5,400	2/7/2018	NA
MP-37	5,400	2/7/2018	NA
MP-38	5,400	2/7/2018	NA
MP-39	5,400	2/7/2018	NA
MP-40	5,400	2/7/2018	NA
MP-41	5,400	2/7/2018	NA
MP-42	5,400	2/7/2018	NA
MP-43	5,400	2/7/2018	NA
MP-44	5,400	2/7/2018	NA
MP-45	5,400	2/7/2018	NA
MP-46	5,400	2/7/2018	NA
MP-47	5,400	2/7/2018	NA
MP-48	5,400	2/7/2018	NA
MP-49	5,400	2/7/2018	NA
MP-50	5,400	2/7/2018	NA
MP-51	5,400	2/7/2018	NA
MP-52	5,400	2/7/2018	NA
MP-53	5,400	2/7/2018	NA
MP-54	5,400	2/7/2018	NA
MP-55	5,400	2/7/2018	NA
MP-56	5,400	2/7/2018	NA
MP-57	5,400	2/7/2018	NA
MP-58	5,400	2/7/2018	NA
MP-59	5,400	2/7/2018	NA
MP-60	5,400	2/7/2018	NA
MP-61	5,400	2/7/2018	NA
MP-62	5,400	2/7/2018	NA
MP-63	5,400	2/7/2018	NA
MP-64	5,400	2/7/2018	NA
MP-65	5,400	2/7/2018	NA
MP-66	5,400	2/7/2018	NA
MP-67	5,400	2/7/2018	NA
MP-68	5,400	2/7/2018	NA
MP-69	5,400	2/7/2018	NA
MP-70	5,400	2/7/2018	NA
MP-71	5,400	2/7/2018	NA
MP-72	5,400	2/7/2018	NA
MP-73	5,400	2/7/2018	NA
MP-74	5,400	2/7/2018	NA
MP-75	5,400	2/7/2018	NA
MP-76	5,400	2/7/2018	NA
MP-77	5,400	2/7/2018	NA
MP-78	5,400	2/7/2018	NA
MP-79	5,400	2/7/2018	NA
MP-80	5,400	2/7/2018	NA
MP-81	5,400	2/7/2018	NA
MP-82	5,400	2/7/2018	NA
MP-83	5,400	2/7/2018	NA
MP-84	5,400	2/7/2018	NA
MP-85	5,400	2/7/2018	NA
MP-86	5,400	2/7/2018	NA
MP-87	5,400	2/7/2018	NA
MP-88	5,400	2/7/2018	NA
MP-89	5,400	2/7/2018	NA
MP-90	5,400	2/7/2018	NA
MP-91	5,400	2/7/2018	NA
MP-92	5,400	2/7/2018	NA
MP-93	5,400	2/7/2018	NA
MP-94	5,400	2/7/2018	NA
MP-95	5,400	2/7/2018	NA
MP-96	5,400	2/7/2018	NA
MP-97	5,400	2/7/2018	NA
MP-98	5,400	2/7/2018	NA
MP-99	5,400	2/7/2018	NA
MP-100	5,400	2/7/2018	NA