

1. Incident Name: Sturgeon River US-41 Gasoline Spill	2. Operational Period: Starting: February 13, 2018, 0830 End: February 13, 2018, 1900	IAP Cover Sheet
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3. Approved by Incident Commander(s):

Ralph Dollhopf ^{on behalf of} **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 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: Jed Chrestensen Position/Title: Planning Section Chief Signature: *Jed Chrestensen* ²⁻¹²⁻¹⁸
16:20

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: Sturgeon River US-41 Gasoline Spill	2. Operational Period: Date From: 2-13-18 Time From: 08:30	Date To: 2-13-18 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: Complete north and south side soil excavation and disposal activities					
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%; 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;"> Other Attachments: <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	Other Attachments: <input checked="" type="checkbox"/> Traffic Control Plan <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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7. Prepared by: Name: <u>Jed Chrestensen</u> Position/Title: <u>Planning Section Chief</u> Signature: <u>[Signature]</u>					
8. Approved by Incident Commander: Name: <u>OSC Ralph Dollhopf</u> Signature: <u>[Signature]</u>					
ICS 202	IAP Page <u>2</u>	Date/Time: <u>2-12-18 1648hr</u>			

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-13-18 Time From: 08:30		Date To: 2-13-18 Time To: 19:00															
3. Incident Commander(s)/ Agency Incident Coordinator and Command Staff: (include location) <input type="checkbox"/> IMT IC/UCs Unified Command <input type="checkbox"/> IMG AIC Deputy Dan Capone 517-881-8837 Safety Officer Tom Anthos 906-360-1545 Public Info. Officer Liaison Officer			7. Operations Section: Chief Tom Anthos 906-360-1545 Deputy Jed Chrestensen 906-281-4726 Staging Area Branch River Assessment and Recovery Branch Director Mylan Koski 906-360-4027 Deputy Brandon Ray 269-719-5541 Group Assessment 906-360-4027 Group Recovery 269-719-5541 Division/Group Division/Group Division/Group Branch B a n k R e c o v e r y Branch Director Mylan Koski 906-360-4027 Deputy Division/Group Division/Group Division/Group Division/Group Branch Air Monitoring and Sampling Branch Director Evan Birkett 734-536-3292 Deputy Group TriMedia 906-360-0024 Group EPA START 734-536-3292 Division/Group Division/Group Division/Group																
4. Agency/Organization Representatives: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Agency/Organization</th> <th style="width: 80%;">Name</th> </tr> <tr> <td>USEPA</td> <td>Ralph Dollhopf 231-301-0559</td> </tr> <tr> <td>MDEQ</td> <td>Amy Keranen 906-231-6060</td> </tr> <tr> <td>TriMedia</td> <td>Tom Anthos 906-360-1545</td> </tr> <tr> <td>Kenan Advantage Group</td> <td>Richard Baron 248-310-9720</td> </tr> <tr> <td>WUPHD</td> <td>Cathryn Beer 906-201-2342</td> </tr> <tr> <td>Houghton County EM</td> <td>Chris Van Arsdale 906-281-8170</td> </tr> </table>			Agency/Organization	Name	USEPA	Ralph Dollhopf 231-301-0559	MDEQ	Amy Keranen 906-231-6060	TriMedia	Tom Anthos 906-360-1545	Kenan Advantage Group	Richard Baron 248-310-9720	WUPHD	Cathryn Beer 906-201-2342	Houghton County EM	Chris Van Arsdale 906-281-8170			
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5. Planning Section: Chief Jed Chrestensen 906-281-4726 Deputy Resources Unit Situation Unit Documentation Unit Demobilization Unit Technical Specialists																			
6. Logistics Section: Chief Tom Anthos 906-360-1545 Deputy Support Branch Director Supply Unit Facilities Unit Traffic Control-Hans Haapala																			
Ground Support Unit Service Branch Director Communications Unit Medical Unit Food Unit			8. Finance/Administration Section: Chief Marlin Zechman 610-968-9500 Deputy Time Unit Procurement Unit Comp/Claims Unit Cost Unit																
9. Prepared by: Name: <u>Jed Chrestensen</u> Position/Title: <u>Planning Section Chief</u> Signature:																			
ICS 203		IAP Page <u>3</u>		Date/Time: <u>2-12-18 16:20</u>															

ASSIGNMENT LIST (ICS 204)

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6. Work Assignments: Meet with all Truck Drivers and Traffic Control Personnel to discuss traffic and loading control plan Prep equipment for excavation loading hauling and backfill/restoration Line trucks with poly to support waste hauling activities 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 Waste Management Landfill (site and stockpile) Manage waste ticketing/manifest Traffic Control																																																										
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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ICS 204	IAP Page <u>7</u>	Date/Time: <u>2-12-18 16:20</u>																																																													

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-13-18 Date To: 2-13-18 Time From: 08:30 Time To: 19:00		3. Branch: Air Mon & Sample Division: Group: EPA-START Staging Area:																																																						
4. Operations Personnel: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%; text-align: left;"><u>Name</u></th> <th style="width: 40%; text-align: left;"><u>Contact Number(s)</u></th> </tr> <tr> <td>Operations Section Chief: Tom Anthos</td> <td>906-360-1545</td> </tr> <tr> <td>Branch Director: Evan Birkett</td> <td>734-536-3292</td> </tr> <tr> <td>Division/Group Supervisor: Evan Birkett</td> <td>734-536-3292</td> </tr> </table>						<u>Name</u>	<u>Contact Number(s)</u>	Operations Section Chief: Tom Anthos	906-360-1545	Branch Director: Evan Birkett	734-536-3292	Division/Group Supervisor: Evan Birkett	734-536-3292																																													
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Incident Organization Chart (ICS 207)

1. Incident Name: Sturgeon River US-41 Gasoline Release		2. Operational Period: Date From: 02/13/2018 Time From: 0830		Date To: 02/13/2018 Time To: 1900	
3. Organization Chart					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Incident Commander(s) Ralph Dollhopf, US EPA Amy Keranen, MDEQ Rich Baron, Kenan Advantage Cathryn Beer, WUPHD Chris Van Arsdale, Houghton Cty EM</p> </div> <div style="width: 45%;"> <p>Deputy Incident Commander Dan Capone, EPA START</p> <p>Safety Officer Tom Anthos, Trimedia</p> <p>Public Information Officer Rich Baron, Kenan Advantage</p> </div> </div>					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Operations Section Chief Tom Anthos, Trimedia</p> <div style="display: flex; justify-content: space-around;"> <div> <p>River Assessment/Recovery Branch Director Mylan Koski, Trimedia</p> </div> <div> <p>Bank Recovery Branch Director Mylan Koski, Trimedia</p> </div> <div> <p>Deputy Jed Chrestensen, START</p> </div> <div> <p>Air Monitoring/Sampling Branch Evan Birkett, START</p> </div> </div> </div> <div style="width: 45%;"> <p>Planning Section Chief Jed Chrestensen, START</p> <p>Logistics Section Chief Tom Anthos, Trimedia</p> <p>Finance/Admin Section Chief Marlin Zechman, XL Catlin</p> </div> </div>					
ICS 207	IAP Page 9_	4. Prepared by: Name: Jed Chrestensen Position/Title: Planning Sec Chief		Signature:  Date/Time: 2/12/18 16:22	

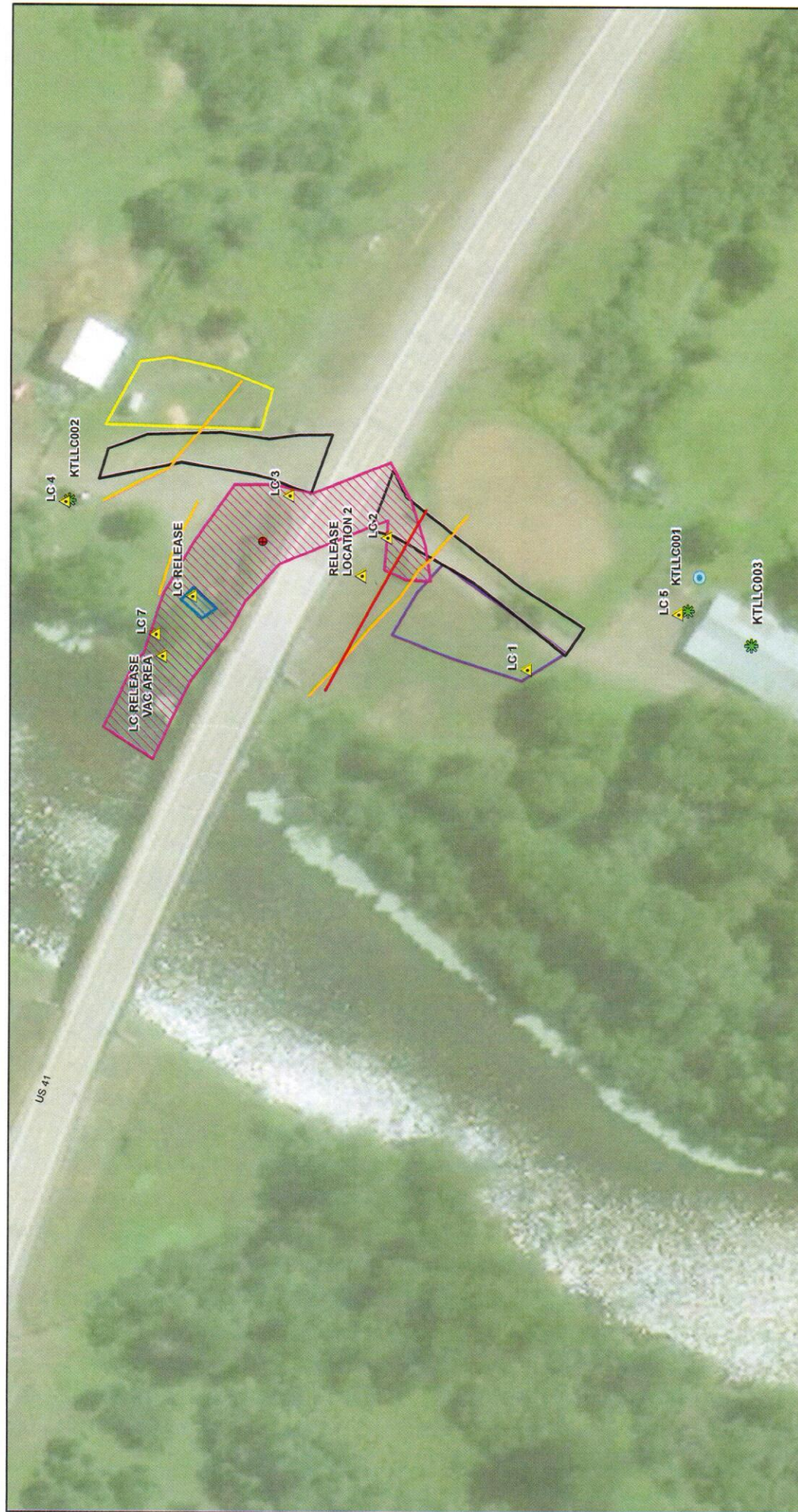
Traffic Control Plan
Sturgeon River US-41 Gasoline Spill
2-13-18

- 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: 2/12/18

Title: Ops Section Chief



Map Location

Legend

- Air Monitoring Location (TME)
- Approximate Tanker Crash Location
- Water Sample
- Air Sample Location
- Water Wells
- Overhead Power
- Underground Television, Underground Fiber Optic
- Excavation
- Soil Stockpile
- Spill Area
- Driveway
- Equipment Parking
- Site Parking

Scale: 0 25 50 100 Feet

Drawn: KGK 2/11/2018

Approved: TLA 2/11/2018

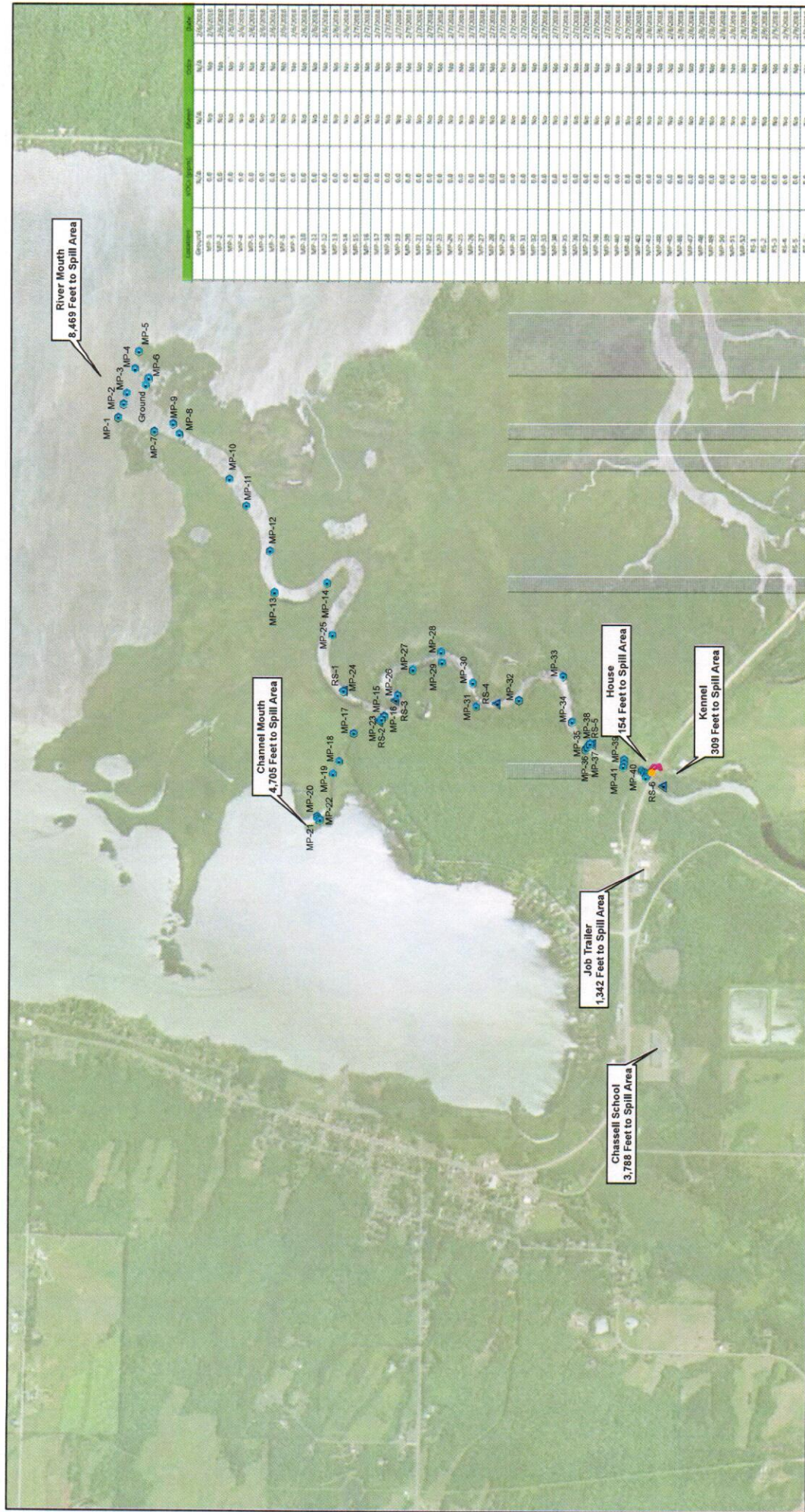
Project #: 2018-024

FIGURE 1

STURGEON RIVER US 41 GASOLINE SPILL

FEBRUARY 11, 2018

SHEET 2 OF 4



Legend

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

Scale

0 625 1,250 2,500 Feet

FIGURE 2

STURGEON RIVER US 41 GASOLINE SPILL

ON RIVER ASSESSMENT

SHEET 1 OF 1

Drawn:	KGK	2/10/2018
Approved:	TJA	2/10/2018
Project #:	2018-024	