



**CONESTOGA-ROVERS  
& ASSOCIATES**

Prepared for:

CN

## INCIDENT ACTION PLAN COVER SHEET

### ICS 200

**Incident Name:**

CN - Minter City Train Derailment

**Incident Number:**

N/A

N/A

**Date Prepared:**

5-Apr-15

**Time Prepared:**

1700 hours

**Prepared by:**

Nathan L. Judice

CRA, Inc.

**Latitude:**

33.766896 N

**Longitude:**

90.239804 W

**Operational Start  
Date/Time:**

April 4, 2015 @ 1900 hours

**Operational Finish  
Date/Time:**

April 5, 2015 @ 1900 hours

#### APPROVAL

FOSC

US EPA - Jason Booth

SOSC

MDEQ - Jason Suggs

EMA

Leflore County

RP

CN

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Daily Safety and Health Message

**Operational Period:**

April 4, 2015 @ 1900 hours to April 5, 2015 @ 1900 hours



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## INCIDENT BRIEFING

### ICS 201 – 1A

#### MAP / SKETCH



#### Approximate Area of Derailement

Operational Period:

April 4, 2015 @ 1900 hours to April 5, 2015 @ 1900 hours



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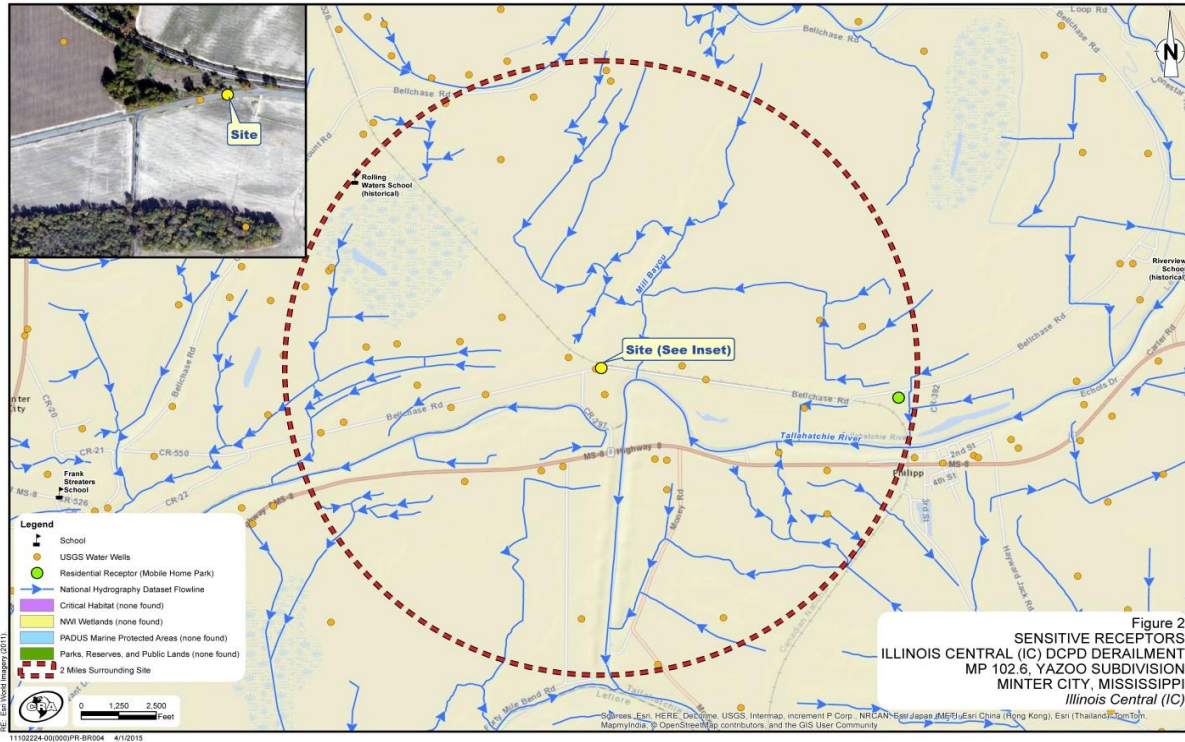
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# INCIDENT BRIEFING

## ICS 201 – 1C

### MAP / SKETCH



### Sensitive Receptors Map

Operational Period:

April 4, 2015 @ 1900 hours to April 5, 2015 @ 1900 hours





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## RESPONSE PRIORITIES

### ICS 201 – 2A

#### Response Priorities

- 1.) Safety of Workers and the Community
- 2.) Protect the Environment
- 3.) Minimize Property Loss
- 4.) Restore Infrastructure
- 5.) Maintain Public Confidence

**Operational Period:**

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## RESPONSE OBJECTIVES


### ICS 201 – 2B

#### OBJECTIVES FOR OPERATIONAL PERIOD

- Worker and Community Safety
- Perimeter and Work Zone Air Monitoring
- Visual inspection of berms, excavation areas, and wooded area.
- Completion of frack tank staging for stormwater recovery from Zones A, B, and C.
- Collection of stormwater from Zone A and Zone B, complete so excavation activities can continue
- Wrap contaminated equipment and board mats in tarp to prevent exposure to rain/stormwater
- Reestablishment of berms to prevent cross contamination of stormwater

**Operational Period:**

**April 4, 2015 @ 1900 hours to April 5, 2015 @ 1900 hours**

<div><div> <b>CONESTOGA-ROVERS &amp; ASSOCIATES</b></div><div>Prepared for: <b>CN</b></div></div>	<div>INCIDENT BRIEFING</div> <div>ICS 201 – 2D</div>																																										
<div>SUMMARY OF CURRENT ACTIONS</div>																																											
<div>April 3, 2015 through April 4, 2015 :</div> <div><div>· Visual site inspection was conducted of all berms. It was determined that berms need to be reestablished near stockpile area.</div><div>· Board mat road built on Site to access Stormwater collection points.</div><div>· Frac tank staging area constructed with berms for stormwater collection, 7 frac tanks are on site.</div><div>· Water samples were collected from stormwater frac tanks, samples will be shipped to Pace Analytical and TestAmerica for analytical analysis.</div><div>· Removal of stormwater from Site ditches and impacted areas, 49 loads of stormwater was removed from Zone A and Zone B. it is estimated that 111,613 gallons of stormwater was recovered this operational period.</div><div>· Continued community and work zone air monitoring for public and worker safety. No Readings detected in community.</div><div>· Perimeter air monitoring operations indicate low level VOCs, please see tables below for Work Zone/Perimeter air monitor results.</div></div>																																											
<div>4/4/2015 4PM - 4/5/2015 4PM</div> <div><div>Manually Collected Real-Time Air Monitoring Data Summary Work/Hot Zone</div><table><tr><th>Number of Readings</th><th>Analyte</th><th>Minimum</th><th>Maximum</th><th>Average</th><th>Units</th></tr><tr><td>139</td><td>VOC</td><td>0</td><td>0.3</td><td>0.01</td><td>ppm</td></tr><tr><td>54</td><td>LEL</td><td>0</td><td>0</td><td>0.00</td><td>ppm</td></tr><tr><td>78</td><td>O2</td><td>20.9</td><td>20.9</td><td>20.9</td><td>ppm</td></tr><tr><td>78</td><td>H2S</td><td>0</td><td>0</td><td>0.00</td><td>ppm</td></tr><tr><td>78</td><td>CO</td><td>0</td><td>4</td><td>0.05</td><td>ppm</td></tr><tr><td>0</td><td>Benzene</td><td>0</td><td>0</td><td>-</td><td>ppm</td></tr></table></div>		Number of Readings	Analyte	Minimum	Maximum	Average	Units	139	VOC	0	0.3	0.01	ppm	54	LEL	0	0	0.00	ppm	78	O2	20.9	20.9	20.9	ppm	78	H2S	0	0	0.00	ppm	78	CO	0	4	0.05	ppm	0	Benzene	0	0	-	ppm
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<div><div>Recovered Liquids by Date</div><table><tr><th>Date</th><th>Product</th><th>Water</th><th>Total</th></tr><tr><td>3/31 and 4/1/2015 at 1200</td><td>6,959</td><td>4,125</td><td>11,084</td></tr><tr><td>4/1/2015 at 2100</td><td>3,030</td><td>4,356</td><td>7,386</td></tr><tr><td>4/2/2015</td><td>200</td><td>800</td><td>1,000</td></tr><tr><td>4/3/15 and 4/4/15</td><td></td><td>111,613</td><td>111,613</td></tr><tr><td>TOTAL:</td><td>10,189</td><td>9,281</td><td>131,083</td></tr></table><div>*All amounts are estimated in gallons</div></div>		Date	Product	Water	Total	3/31 and 4/1/2015 at 1200	6,959	4,125	11,084	4/1/2015 at 2100	3,030	4,356	7,386	4/2/2015	200	800	1,000	4/3/15 and 4/4/15		111,613	111,613	TOTAL:	10,189	9,281	131,083																		
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## INCIDENT BRIEFING

### ICS 201 – 3

#### RESOURCES SUMMARY

RESOURCE	PROVIDER	ON-SCENE	ASSIGNMENT
Wrecking Equipment	B&P	Offsite 4/1/15	Train Wrecking
Wrecking Equipment	Hulcher	Offsite 4/1/15	Train Wrecking
Wrecking Equipment	RJ Corman	Offsite 4/1/15	Train Wrecking
Recovery Equipment	USES	3/30/2015	Recovery
Air Monitoring Equipment	CRA	3/30/2015	Safety

#### PERSONNEL SUMMARY

COMPANY	ON-SCENE	ASSIGNMENT
(25) USES	Daniel Barrett	Recovery/Transfers
(11) CRA, INC	Nathan L. Judice	Environmental Assessment (air, water, soil)
(2) CTEH	Glen Thompson	Operations
(1) CN	Bob Strong	IC
(Offsite) EPA	Jason Booth	FOSC
(1) MDEQ	Jason Suggs	SOSC
Operational Period:	April 4, 2015 @ 1900 hours to April 5, 2015 @ 1900 hours	



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## RESPONSE OBJECTIVES

### ICS 202 – 1A

#### OBJECTIVES FOR NEXT OPERATIONAL PERIOD

- Visually inspection of Recovery Zones A, B, and C to determine if excavation is possible.
- Delivery of confirmation and stormwater samples to applicable Laboratories
- Remove stormwater from Zone C (wooded area)
- Excavation of remaining impacted soil from site ditches and collection of confirmation samples

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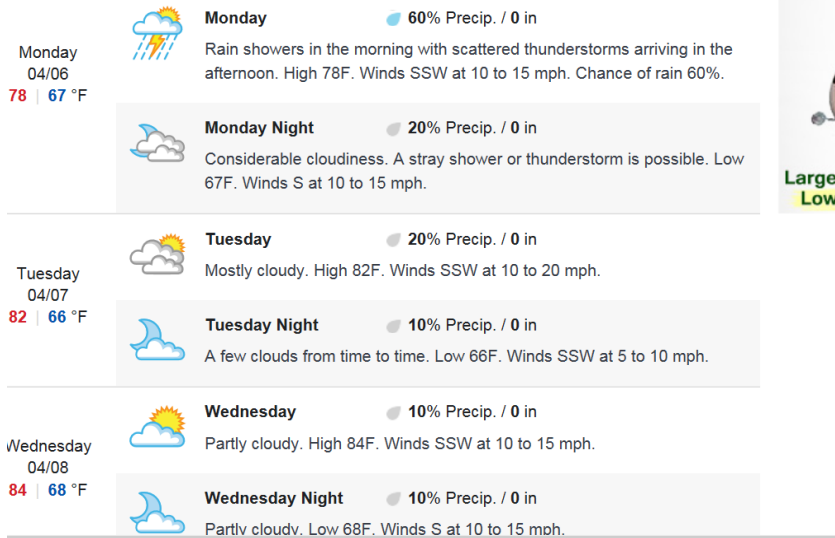
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## RESPONSE OBJECTIVES

### ICS 202 – 2

#### WEATHER REPORT

From [www.Intellicast.com](http://www.Intellicast.com)



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## Communications Plan ICS 205

<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 601-592-1838
Incident Commander	CN	Bob Strong	<b>Radio:</b>
			<b>E-mail:</b> bob.strong@cn.ca
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 901-485-9799
Operation Section Chief	USES	Daniel Barrett	<b>Radio:</b>
			<b>E-mail:</b> dbarrett@usesgroup.com
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 225-975-7993
Safety Officer	CRA	David Wilkinson	<b>Radio:</b>
			<b>E-mail:</b> dwilkinson@croworld.com
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 337-335-8035
Planning/Liaison Officer	CRA	Nathan Judice	<b>Radio:</b>
			<b>E-mail:</b> njudice@croworld.com
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 708-990-5771
Information Officer	CN	Patrick Waldron	<b>Radio:</b>
			<b>E-mail:</b> patrick.waldron@cn.ca
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 901-485-9799
Logistics Officer	USES	Daniel Barrett	<b>Radio:</b>
			<b>E-mail:</b> dbarrett@usesgroup.com
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b>
Finance Officer	CN	Anthony Dale	<b>Radio:</b>
			<b>E-mail:</b>
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 404-216-5517
Federal On Scene	USEPA	Jason A. Booth	<b>Radio:</b>
			<b>E-mail:</b> booth.jason@epa.gov
<b>ICS Position:</b>	<b>Company:</b>	<b>Name:</b>	<b>Cell:</b> 901-491-1225
State On Scene	MDEQ	Jason Suggs	<b>Radio:</b>
			<b>E-mail:</b> jason_suggs@deq.state.ms.us
<b>Operational Period:</b>		<b>April 4, 2015 @ 1900 hours to April 5, 2015 @ 1900 hours</b>	



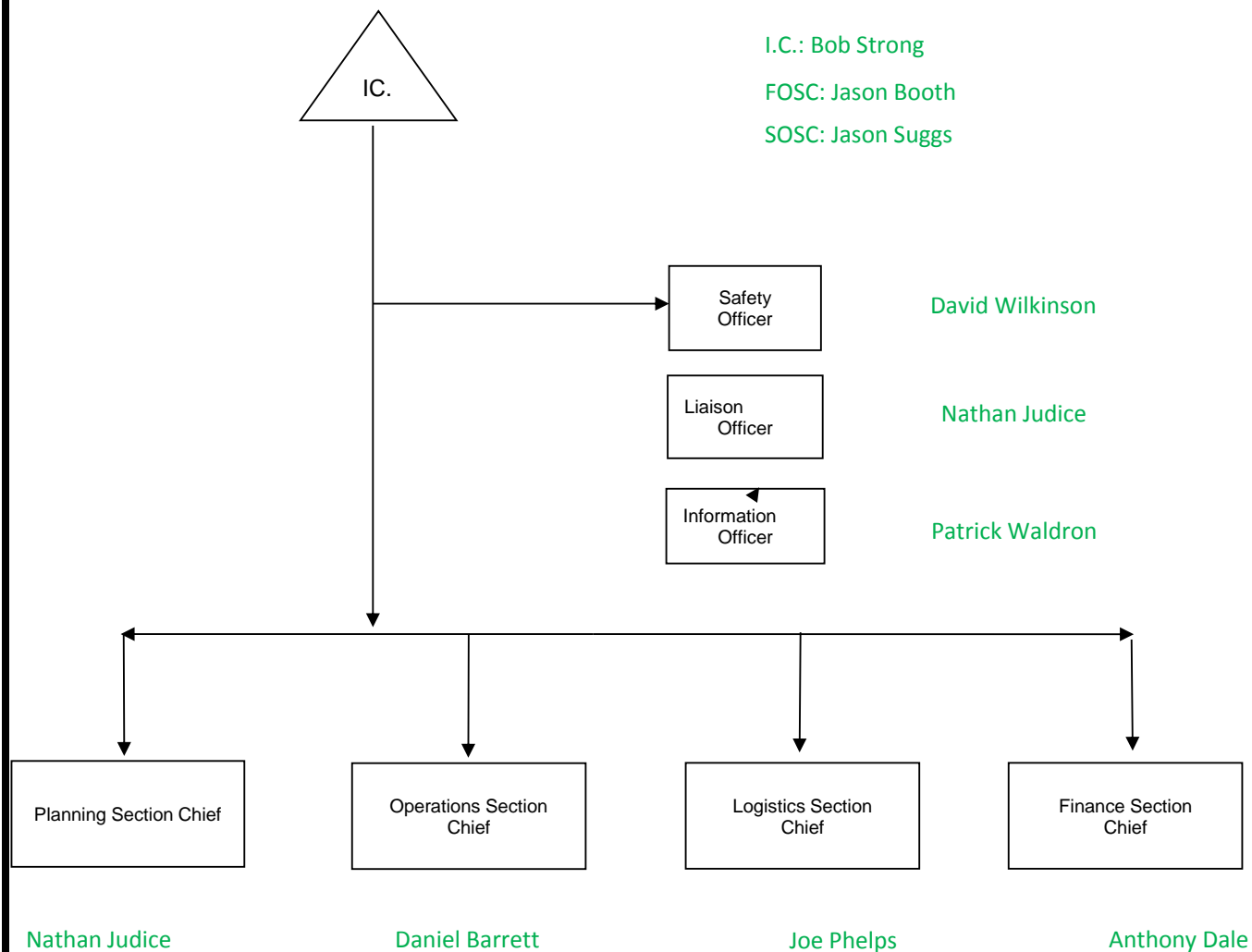
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## Incident Organization Chart ICS 207

### CURRENT ORGANIZATION



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## **SITE SAFETY MESSAGE ICS 213**

- PPE: FRC, safety boots, safety glasses, hard hat, hearing protection, safety vests, APRs when action levels are exceeded
- Watch footing, tie-off ladders, 3-Point Contact
- Watch out for slips, trips and falls
- Use proper lifting techniques, get help or use lifting equipment
- Keep Hydrated
- Follow adequate work/rest schedule
- Use intrinsically safe equipment in flammable/hazardous environments
- Alert response personnel of air monitoring readings above action levels for LEL and/or VOCs and don appropriate PPE
- Severe weather potential

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