



**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:**

7-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 5, 2015 @ 1900 hours

**Operational Finish  
Date/Time:**

April 6, 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 6, 2015 @ 1900 hours to April 7, 2015 @ 1900 hours



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## INCIDENT BRIEFING

### ICS 201 – 1A

## MAP / SKETCH



## Approximate Area of Derailment

Operational Period:

April 6, 2015 @ 1900 hours to April 7, 2015 @ 1900 hours



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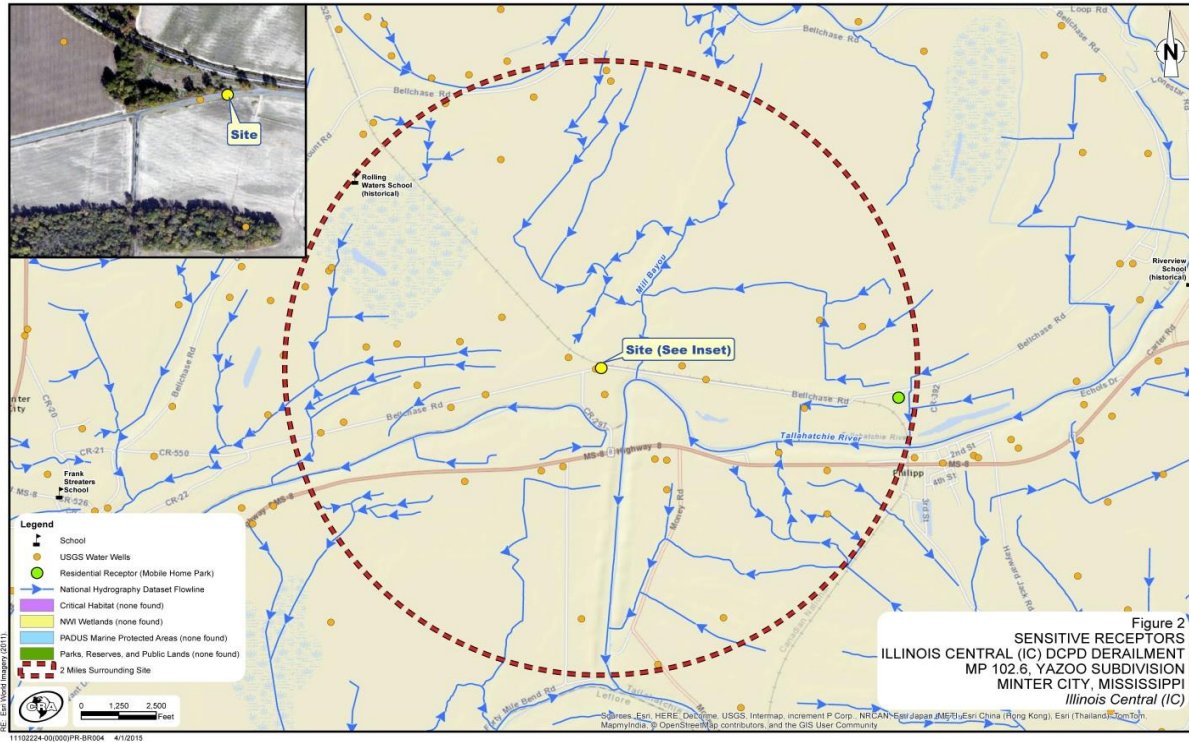
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# INCIDENT BRIEFING

## ICS 201 – 1C

### MAP / SKETCH



### Sensitive Receptors Map

Operational Period:

April 6, 2015 @ 1900 hours to April 7, 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:**

**April 6, 2015 @ 1900 hours to April 7, 2015 @ 1900 hours**



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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.
- Continue to excavate in Site ditches, try and complete Today
- Collection of stormwater from Zone C
- Quality Rail to continue scraping of railcars
- Transfer of product to tankers to be delivered to Cymetech

Operational Period:

April 6, 2015 @ 1900 hours to April 7, 2015 @ 1900 hours

<div style="display: flex; align-items: center;"> <div> <b>CONESTOGA-ROVERS &amp; ASSOCIATES</b>           Prepared for:  <div style="color: green; font-weight: bold;">CN</div> </div> </div>	<h2 style="margin: 0;">INCIDENT BRIEFING</h2> <h3 style="margin: 0;">ICS 201 – 2D</h3>																																																
<b>SUMMARY OF CURRENT ACTIONS</b>																																																	
<p style="text-align: center; margin: 0;"><u>April 6, 2015 through April 7, 2015 :</u></p> <ul style="list-style-type: none"> <li>Visual site inspection was conducted of all berms. All berms are in position.</li> <li>Excavation of site ditch continued, approximately 250 feet was completed and 200 feet remain.</li> <li>TCLP results were received from the laboratory.</li> <li>Removal of stormwater from Site ditches and impacted areas, 7 loads of stormwater was removed from Zone C. it is estimated that 21,000 gallons of stormwater was recovered this operational period.</li> <li>Product was transferred to tanker trucks from frac tanks for delivery to Cymetech for reuse. Approximately 6,820 gallons of product was taken offsite from frac tanks.</li> <li>Perimeter air monitoring operations indicate low level VOCs, please see tables below for Work Zone/Perimeter air monitor results.</li> </ul>																																																	
<div style="text-align: center; font-size: small;">4/6/2015 4PM - 4/7/2015 4PM</div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="6" style="text-align: center;">Manually Collected Real-Time Air Monitoring Data Summary</th> </tr> <tr> <th style="width: 15%;">Number of Readings</th> <th style="width: 20%;">Analyte</th> <th style="width: 15%;">Minimum</th> <th style="width: 15%;">Maximum</th> <th style="width: 15%;">Average</th> <th style="width: 20%;">Units</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">45</td> <td>VOC</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.5</td> <td style="text-align: center;">0.02</td> <td style="text-align: center;">ppm</td> </tr> <tr> <td style="text-align: center;">18</td> <td>LEL</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">%</td> </tr> <tr> <td style="text-align: center;">24</td> <td>O2</td> <td style="text-align: center;">20.9</td> <td style="text-align: center;">20.9</td> <td style="text-align: center;">20.9</td> <td style="text-align: center;">%</td> </tr> <tr> <td style="text-align: center;">24</td> <td>H2S</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.00</td> <td style="text-align: center;">ppm</td> </tr> <tr> <td style="text-align: center;">16</td> <td>CO</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">10.0</td> <td style="text-align: center;">0.63</td> <td style="text-align: center;">ppm</td> </tr> <tr> <td style="text-align: center;">0</td> <td>Benzene</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">-</td> <td style="text-align: center;">ppm</td> </tr> </tbody> </table>		Manually Collected Real-Time Air Monitoring Data Summary						Number of Readings	Analyte	Minimum	Maximum	Average	Units	45	VOC	0.0	0.5	0.02	ppm	18	LEL	0.0	0.0	0.00	%	24	O2	20.9	20.9	20.9	%	24	H2S	0.0	0.0	0.00	ppm	16	CO	0.0	10.0	0.63	ppm	0	Benzene	0.0	0.0	-	ppm
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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
Scrapping Equipment	Quality Rail	4/6/2015	Scrapping

#### PERSONNEL SUMMARY

COMPANY	ON-SCENE	ASSIGNMENT
(28) 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
(4) Quality Rail	Benjie	Scrapping
(Offsite) EPA	Jason Booth	FOSC
(1) MDEQ	Jason Suggs	SOSC
Operational Period:	April 6, 2015 @ 1900 hours to April 7, 2015 @ 1900 hours	



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## RESPONSE OBJECTIVES

### ICS 202 – 1A

#### OBJECTIVES FOR NEXT OPERATIONAL PERIOD

- Continue excavation in Site Ditch
- Remove stained soil from Zone C
- Remove stormwater from Zone C (wooded area)
- Excavation of remaining impacted soil from site ditches and collection of confirmation samples

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## RESPONSE OBJECTIVES

### ICS 202 – 2

#### WEATHER REPORT

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

Wednesday

04/08

84 | 68 °F



**Wednesday**

10% Precip. / 0 in

A few clouds early, otherwise mostly sunny. High 84F. Winds SSW at 10 to 20 mph.



**Wednesday Night**

10% Precip. / 0 in

Partly cloudy during the evening followed by cloudy skies overnight. Low 68F. Winds S at 10 to 15 mph.

Thursday

04/09

81 | 66 °F



**Thursday**

50% Precip. / 0.04 in

Cloudy skies during the morning hours followed by scattered showers and thunderstorms in the afternoon. High 81F. Winds SSW at 10 to 20 mph. Chance of rain 50%.



**Thursday Night**

80% Precip. / 1.13 in

Thunderstorms likely. A few storms may be severe. Low 66F. Winds SSW at 10 to 15 mph. Chance of rain 80%. Rainfall near an inch.

Friday

04/10



**Friday**

90% Precip. / 0.12 in

Rain ending early. Remaining cloudy. High around 70F. Winds NNW at 10 to 15 mph. Chance of rain 90%.

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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 6, 2015 @ 1900 hours to April 7, 2015 @ 1900 hours</b>	



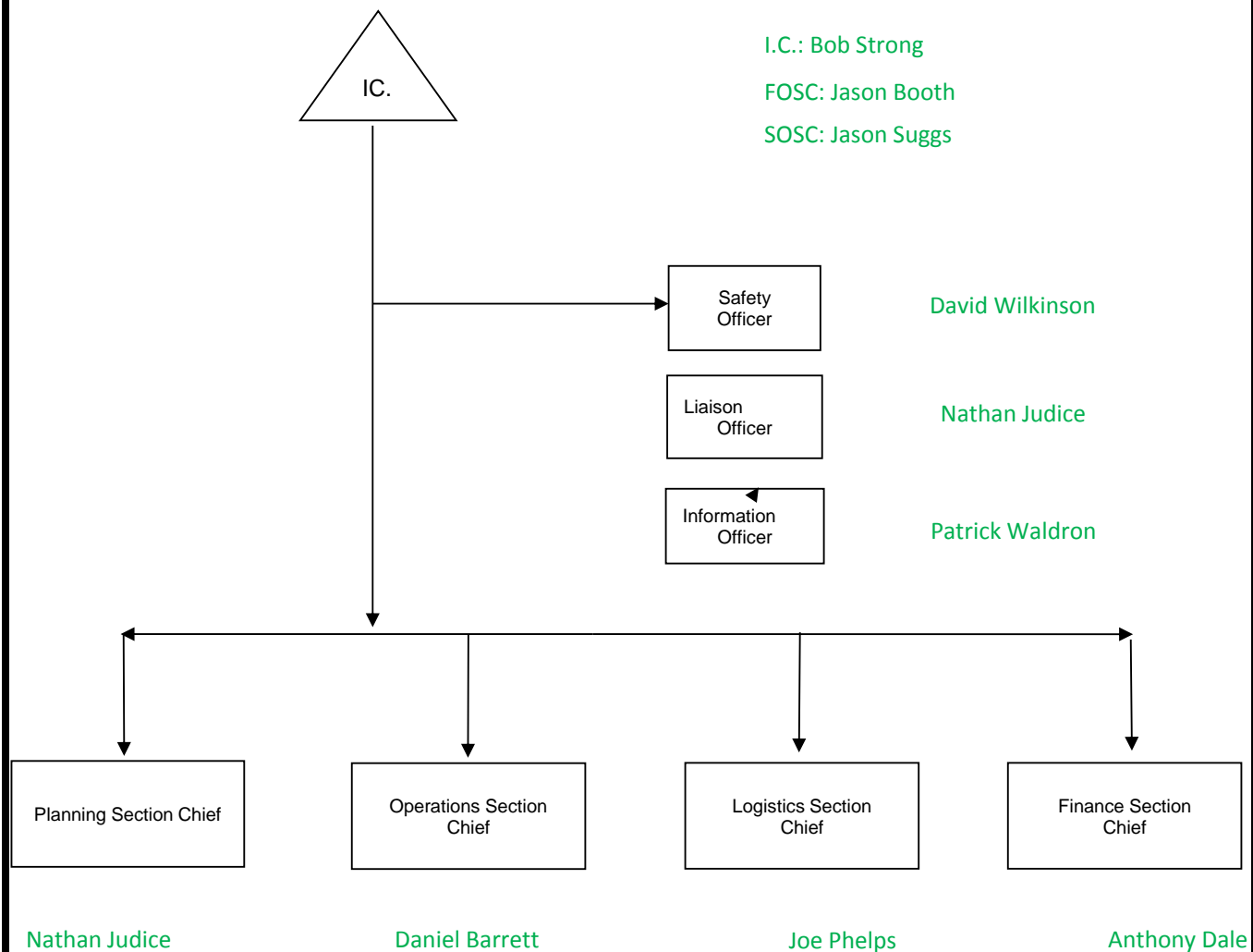
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## Incident Organization Chart ICS 207

### CURRENT ORGANIZATION



Operational Period:

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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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