



**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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Operational Period:

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



INCIDENT BRIEFING

ICS 201 – 1A

MAP / SKETCH



Approximate Area of Derailment

Operational Period:

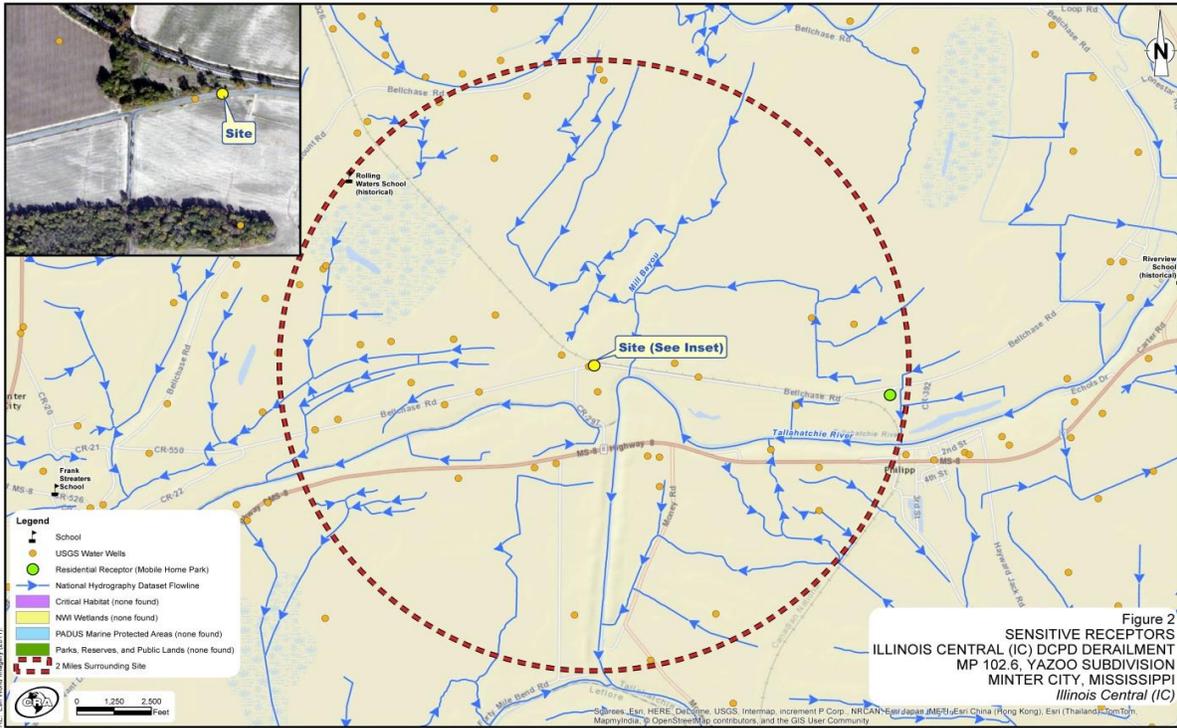
April 4, 2015 @ 1900 hours to April 5, 2015 @ 1900 hours



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

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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



INCIDENT BRIEFING

ICS 201 – 2D

SUMMARY OF CURRENT ACTIONS

April 3, 2015 through April 4, 2015 :

- Visual site inspection was conducted of all berms. It was determined that berms need to be reestablished near stockpile area.
- Board mat road built on Site to access Stormwater collection points.
- Frac tank staging area constructed with berms for stormwater collection, 7 frac tanks are on site.
- Water samples were collected from stormwater frac tanks, samples will be shipped to Pace Analytical and TestAmerica for analytical analysis.
- 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.
- Continued community and work zone air monitoring for public and worker safety. No Readings detected in community.
- Perimeter air monitoring operations indicate low level VOCs, please see tables below for Work Zone/Perimeter air monitor results.

4/4/2015 4PM - 4/5/2015 4PM

Manually Collected Real-Time Air Monitoring Data Summary Work/Hot Zone

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

Recovered Liquids by Date

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

*All amounts are estimated in gallons

Operational Period:

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



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
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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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RESPONSE OBJECTIVES

ICS 202 – 2

WEATHER REPORT

From www.Intellicast.com

<p>Monday 04/06 78 67 °F</p>	 <p>Monday 60% Precip. / 0 in</p> <p>Rain showers in the morning with scattered thunderstorms arriving in the afternoon. High 78F. Winds SSW at 10 to 15 mph. Chance of rain 60%.</p>	 Large Low
	 <p>Monday Night 20% Precip. / 0 in</p> <p>Considerable cloudiness. A stray shower or thunderstorm is possible. Low 67F. Winds S at 10 to 15 mph.</p>	
<p>Tuesday 04/07 82 66 °F</p>	 <p>Tuesday 20% Precip. / 0 in</p> <p>Mostly cloudy. High 82F. Winds SSW at 10 to 20 mph.</p>	
	 <p>Tuesday Night 10% Precip. / 0 in</p> <p>A few clouds from time to time. Low 66F. Winds SSW at 5 to 10 mph.</p>	
<p>Wednesday 04/08 84 68 °F</p>	 <p>Wednesday 10% Precip. / 0 in</p> <p>Partly cloudy. High 84F. Winds SSW at 10 to 15 mph.</p>	
	 <p>Wednesday Night 10% Precip. / 0 in</p> <p>Partly cloudy. Low 68F. Winds S at 10 to 15 mph.</p>	

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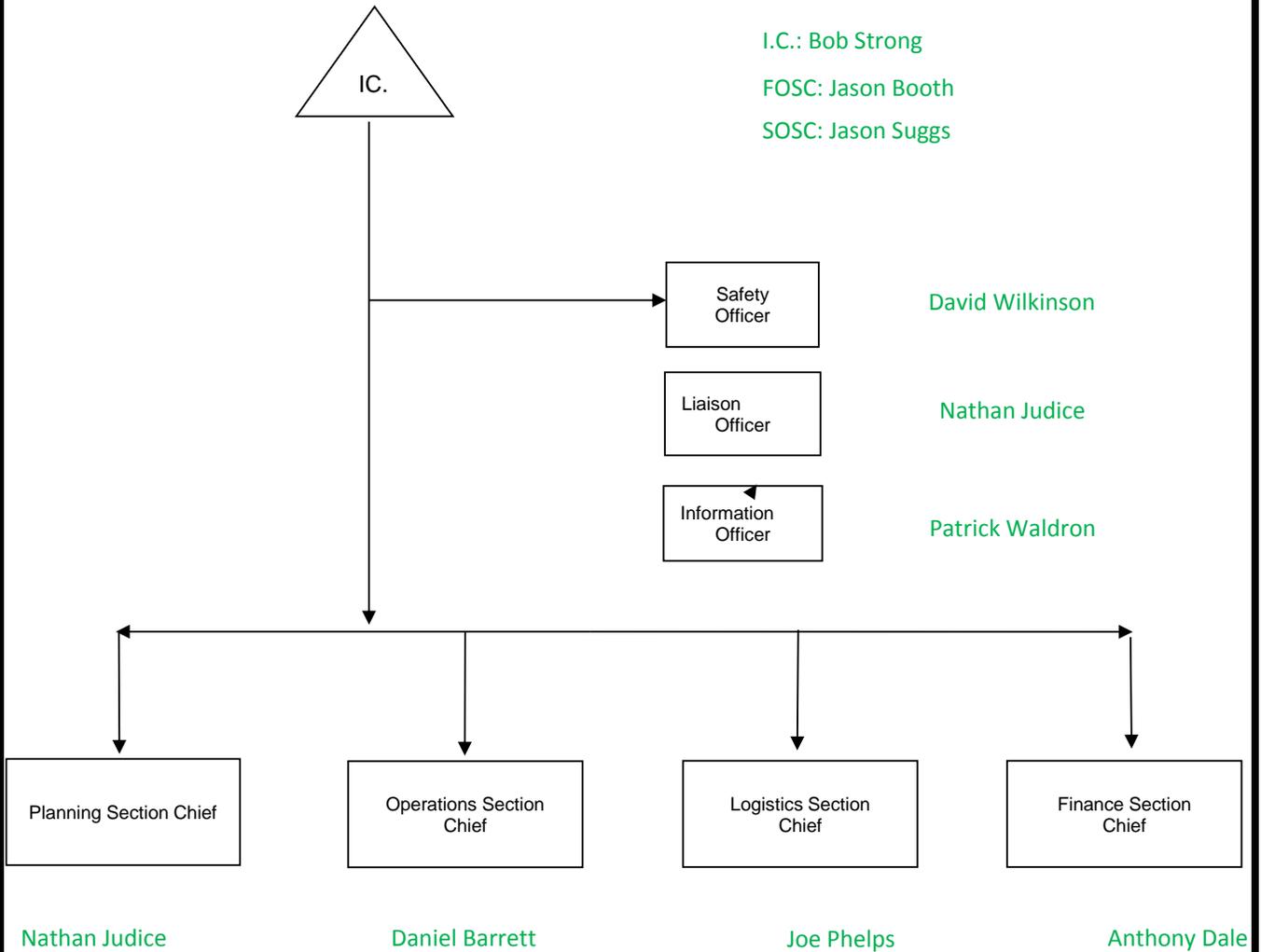
Communications Plan ICS 205

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