



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:

31-Mar-15

Time Prepared:

1100 hours

Prepared by:

Nathan L. Judice

CRA, Inc.

Latitude:

33.766896 N

Longitude:

90.239804 W

**Operational Start
Date/Time:**

March 30, 2015 @ 1700 hours

**Operational Finish
Date/Time:**

March 31, 2015 @ 1700 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:

March 30, 2015 @ 1700 hours to March 31, 2015 @ 1700 hours



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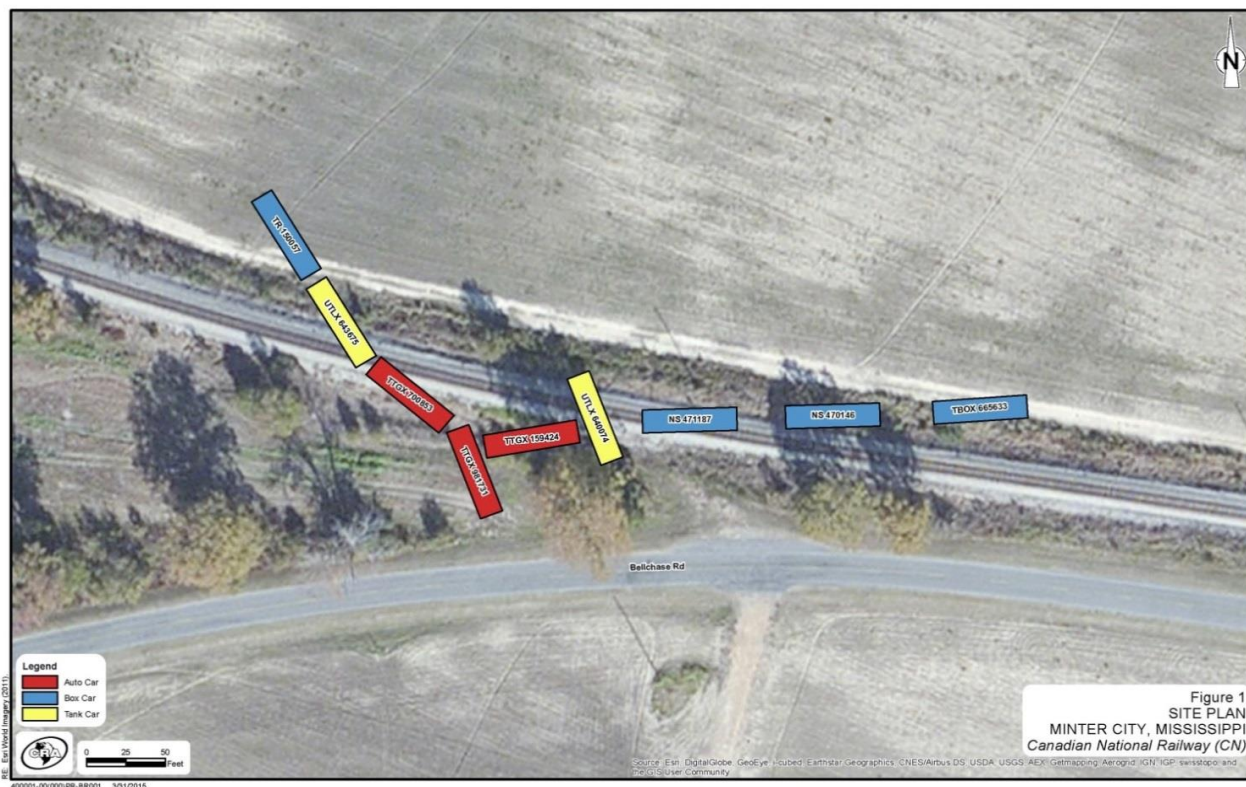
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INCIDENT BRIEFING

ICS 201 – 1A

MAP / SKETCH



Approximate Area of Derailment

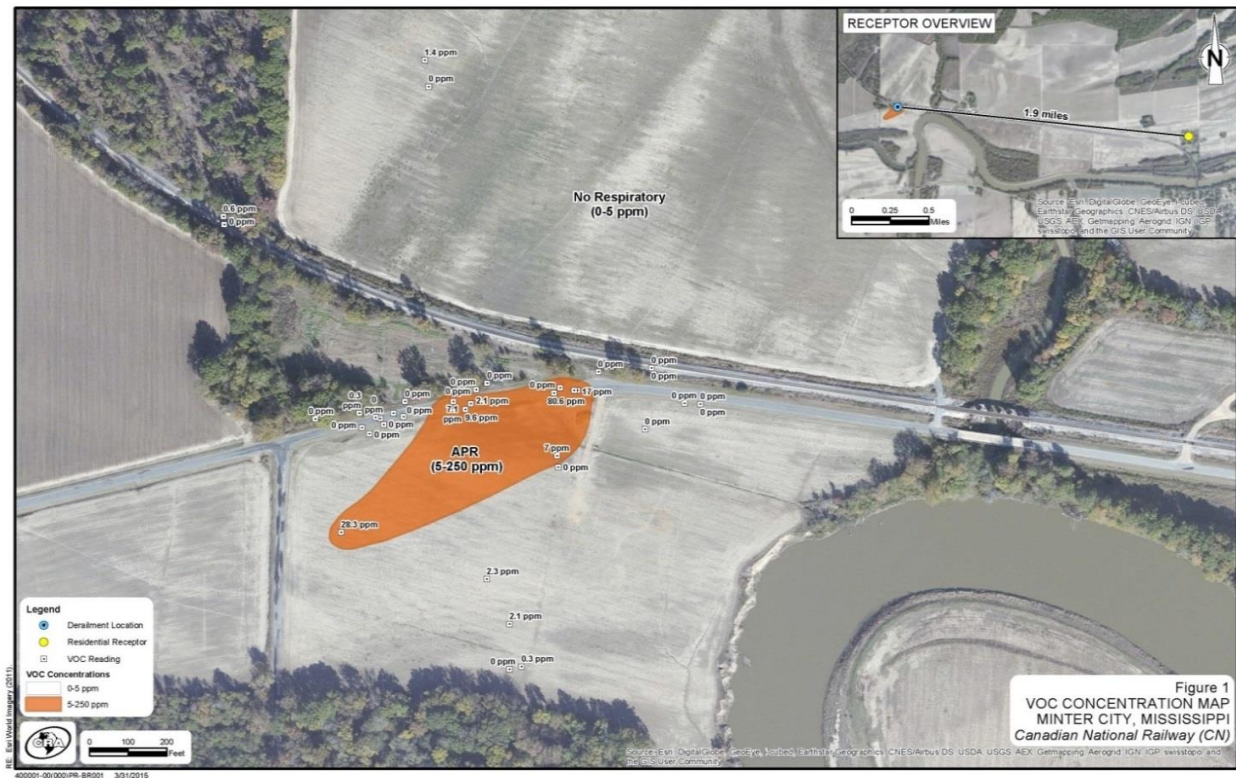
Operational Period:

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INCIDENT BRIEFING

ICS 201 – 1B

MAP / SKETCH



VOC Concentration Map

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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

- Inspection of Derailment to Determine Released Material
- Mobilization of Cleanup Contractors
- Community and Work Zone Air Monitoring Plan and Execution
- Visual Inspection of Impacted Areas
- Containment and Recovery of Released Material
- Visual inspection of impacted areas
- Recovery of Released Product

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INCIDENT BRIEFING ICS 201 – 2C

PRESS RELEASE

A southbound CN train derailed 10 cars just before 8 p.m. central in a rural area of Mississippi about 25 miles west of Grenada.

There are no injuries.

One of the cars was carrying a hazardous material – dicyclopentadiene, a flammable liquid.

That car has leaked some product onto the ground adjacent to the tracks.

CN environmental teams are on site working with local emergency response officials to contain and clean up the spilled product.

CN is participating in the unified command system with USEPA, MDEQ, and Leflore County.

No other hazardous materials were involved. The other involved cars were carrying lumber, plastic and finished automobiles.

CN activated its emergency response plan and has crews, including hazardous materials and environmental teams, on site to remove the rail cars, clean up the spill and repair the damaged track.

The cause of last night's incident remains under investigation.

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INCIDENT BRIEFING

ICS 201 – 2D

SUMMARY OF CURRENT ACTIONS

March 30, 2015 through March 31, 2015 :

- Derailment occurred at Mile Post 102.6 Yazoo Subdivision at 2030 hours on March 30, 2015.
- As personnel arrived on site the derailment site visually inspected, it was determined that dicyclopentadiene tank car was breached and approximately 2/3rds of its contents lost.
- Air monitoring/Air Monitor Plan was established by CRA on March 31, 2015 at 0348 hours
- USES, Hulcher, B&P, and RJ Coreman mobilized to site for recovery, wrecking, and remediation efforts.
- Vacuum trucks were utilized for recovery operations. Approximately 23,000 gallons of liquid was recovered.
- Stop work of all activities, VOC concentrations exceeding action level outside of exclusion zone at approximately 0520 hours on March 31, 2015.
- Site was evacuated due elevated VOC readings (80 ppm) and low level benzene readings (0.4 ppm) until firefighting foam arrives to suppress VOCs.
- Staging Area and Command Center relocated due to sustained VOC readings.
- Recovery and wrecking operations continued at approximately 0930 hours and March 31, 2015. Operations continued when firefighter foam arrived to suppress
- Sumps were dug on the north side of the tracks to establish collection areas. Berms were also established to prevent further contamination.
- Firefighting foam applied to the immediate release area to reduce the VOC levels in the hot zone.
- Continued community and work zone air monitoring for public and worker safety. No Readings detected in community.

		3/31/2015 3AM - 4/1/2015 10AM			
Manually Collected Real-Time Air Monitoring Data Summary - Work/Hot Zone					
Number of Readings	Analyte	Minimum	Maximum	Average	Units
137	VOC	0	80.6	3.69	ppm
114	LEL	0	0	0.00	ppm
113	O2	20.9	20.9	20.9	ppm
112	H2S	0	0	0.00	ppm
113	CO	0	4	0.04	ppm
6	Benzene	0	0.4	0.07	ppm

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INCIDENT BRIEFING

ICS 201 – 3

RESOURCES SUMMARY

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

PERSONNEL SUMMARY

COMPANY	ON-SCENE	ASSIGNMENT
(30) USES	Jeff Gentry	Recovery/Transfers
(9) Hulcher	Ryan	Train Wrecking
(7) RJ Coreman	Harold	Train Wrecking
(7) B&P	Chris Thompson	Train Wrecking
(13) CRA, INC	Nathan L. Judice	Environmental Assessment (air, water, soil)
(8) CTEH	Glen Thompson	Community (Air)
(25) CN	Bob Strong	IC
(2) EPA	Jason Booth	FOSC
(2) MDEQ	Jason Suggs	SOSC

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RESPONSE OBJECTIVES

ICS 202 – 1A

OBJECTIVES FOR NEXT OPERATIONAL PERIOD

- Continued to contain and recover released product (dicyclopentadiene)
- Wrecking and salvaging of railcars
- Removal and replacement of damaged rail
- Development of Waste Management Plan for solid and liquid waste
- Management of storm water (If Encountered)
- Visual inspection of impacted areas
- Development of Recovery, Containment, and Storm Water Management Plan
- Personnel from USCG will be onsite for Safety and Operations oversight
- Development of a Operation and Maintenance Plan
- Development of a Site Characterization Plan

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RESPONSE OBJECTIVES

ICS 202 – 2

WEATHER REPORT

From www.Intellicast.com

Tuesday
03/31

75 | **61** °F



Tuesday

40% Precip. / 0.07 in

Variable clouds with scattered thunderstorms. High around 75F. Winds WSW at 10 to 15 mph. Chance of rain 40%.



Tuesday Night

20% Precip. / 0 in

Partly cloudy early with increasing clouds overnight. A stray shower or thunderstorm is possible. Low 61F. Winds SSW at 5 to 10 mph.

Wednesday
04/01

78 | **63** °F



Wednesday

40% Precip. / 0.05 in

Mixed clouds and sun with scattered thunderstorms. High 78F. Winds SSW at 10 to 15 mph. Chance of rain 40%.



Wednesday Night

20% Precip. / 0 in

Mostly cloudy skies early, then partly cloudy after midnight. A stray shower or thunderstorm is possible. Low 63F. Winds S at 5 to 10 mph.

Thursday
04/02

78 | **66** °F



Thursday

90% Precip. / 0.4 in

Showers and thunderstorms. High 78F. Winds S at 10 to 20 mph. Chance of rain 90%.

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Communications Plan ICS 205

ICS Position:	Company:	Name:	Cell: 630-222-2877
Incident Commander	CN	Tom Bourgonje	Radio:
			E-mail: tom.bourgonje@cn.ca
ICS Position:	Company:	Name:	Cell: 901-409-6237
Operation Section Chief	CN	Greg Vaughan	Radio:
			E-mail: greg.vaughan@cn.ca
ICS Position:	Company:	Name:	Cell: 501-650-4997
Safety Officer	CRA	Jake Jones	Radio:
			E-mail: jjones@craworld.com
ICS Position:	Company:	Name:	Cell: 901-229-4743
Safety Officer	USES	Jeff Gentry	Radio:
			E-mail: jgentry@usesgroup.com
ICS Position:	Company:	Name:	Cell: 225-229-6615
Planning Officer	CN	John Layne	Radio:
			E-mail: john.layne@cn.ca
ICS Position:	Company:	Name:	Cell:
Logistics Officer	B&P	Chris Thompson	Radio:
			E-mail:
ICS Position:	Company:	Name:	Cell: 708-990-5771
Information Officer	CN	Patrick Waldron	Radio:
			E-mail: patrick.waldron@cn.ca
ICS Position:	Company:	Name:	Cell: 901-485-9799
Logistics Officer	USES	Daniel Barrett	Radio:
			E-mail: dbarrett@usesgroup.com
ICS Position:	Company:	Name:	Cell:
Finance Officer	CN	Anthony Dale	Radio:
			E-mail:
ICS Position:	Company:	Name:	Cell: 662-897-6901
EMA		Fred Randle	Radio:
			E-mail:
ICS Position:	Company:	Name:	Cell: 662-897-6114
Security	SO	Matthew Brown	Radio:
			E-mail:
ICS Position:	Company:	Name:	Cell:
Fire		Michael Walker	Radio:
			E-mail: iam42so25@outlook.com
ICS Position:	Company:	Name:	Cell: 404-216-5517
Federal On Scene	USEPA	Jason A. Booth	Radio:
			E-mail: booth.jason@epa.gov
ICS Position:	Company:	Name:	Cell: 901-491-1225
State On Scene	MDEQ	Jason Suggs	Radio:
			E-mail: jason_suggs@deq.state.ms.us
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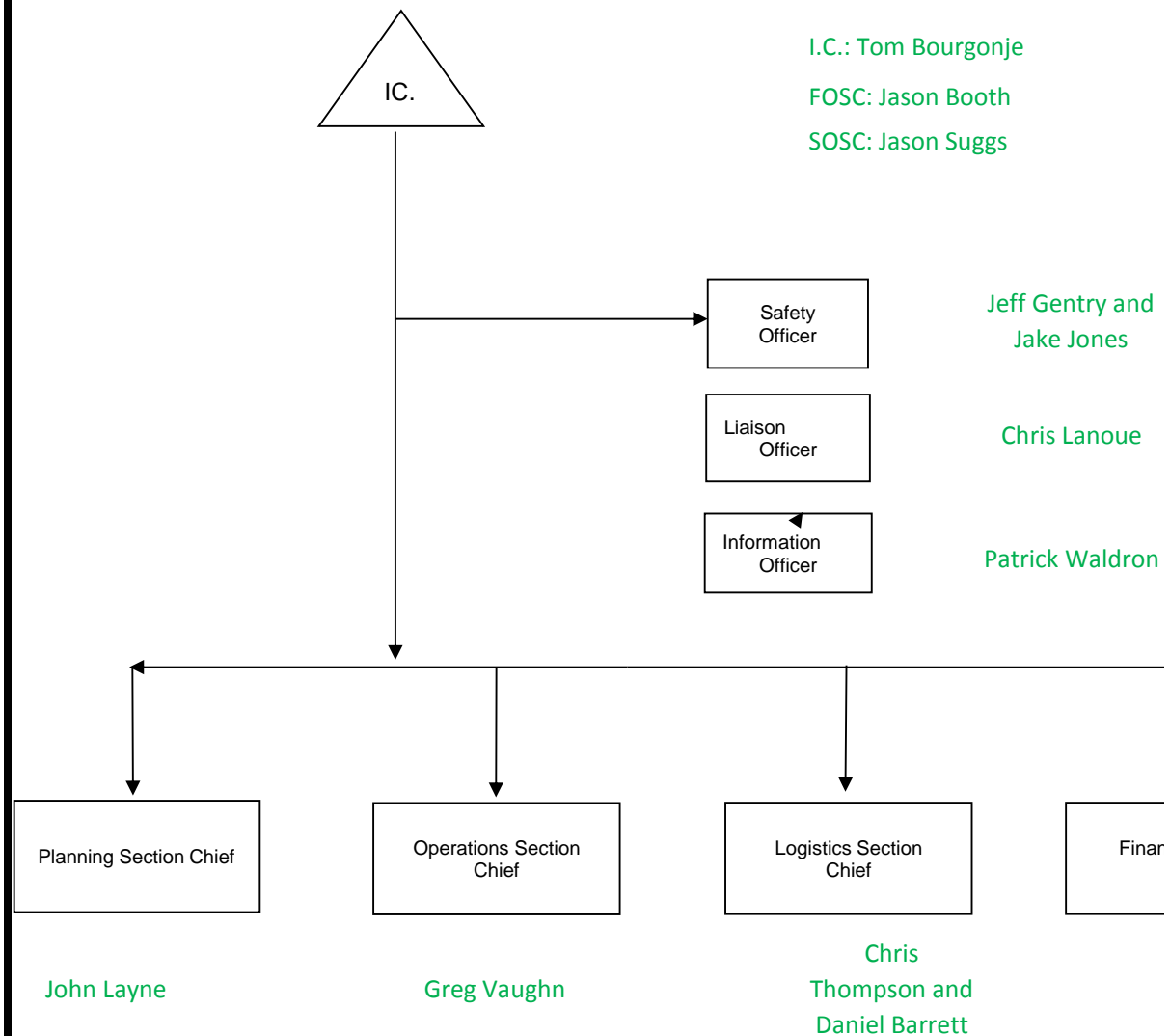
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Incident Organization Chart ICS 2

CURRENT ORGANIZATION



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07



Police Section
Chief

Anthony Dale

ours



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SITE SAFETY MESSAGE ICS 213

- PPE: FRC, safety boots, safety glasses, hard hat, hearing protection, safety vests
- 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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