



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:	2-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 1, 2015 @ 1900 hours
Operational Finish Date/Time:	April 2, 2015 @ 1900 hours

APPROVAL

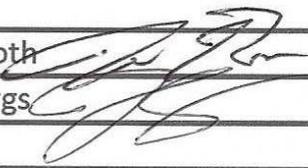
FOSC	US EPA - Jason Booth 
SOSC	MDEQ - Jason Suggs 
EMA	Leflore County
RP	CN

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Operational Period: April 1, 2015 @ 1900 hours to April 2, 2015 @ 1900 hours



INCIDENT BRIEFING

ICS 201 – 1A

MAP / SKETCH



Approximate Area of Derailment

Operational Period:

April 1, 2015 @ 1900 hours to April 2, 2015 @ 1900 hours



INCIDENT BRIEFING

ICS 201 – 1B

MAP / SKETCH



VOC Concentration Map

Operational Period:

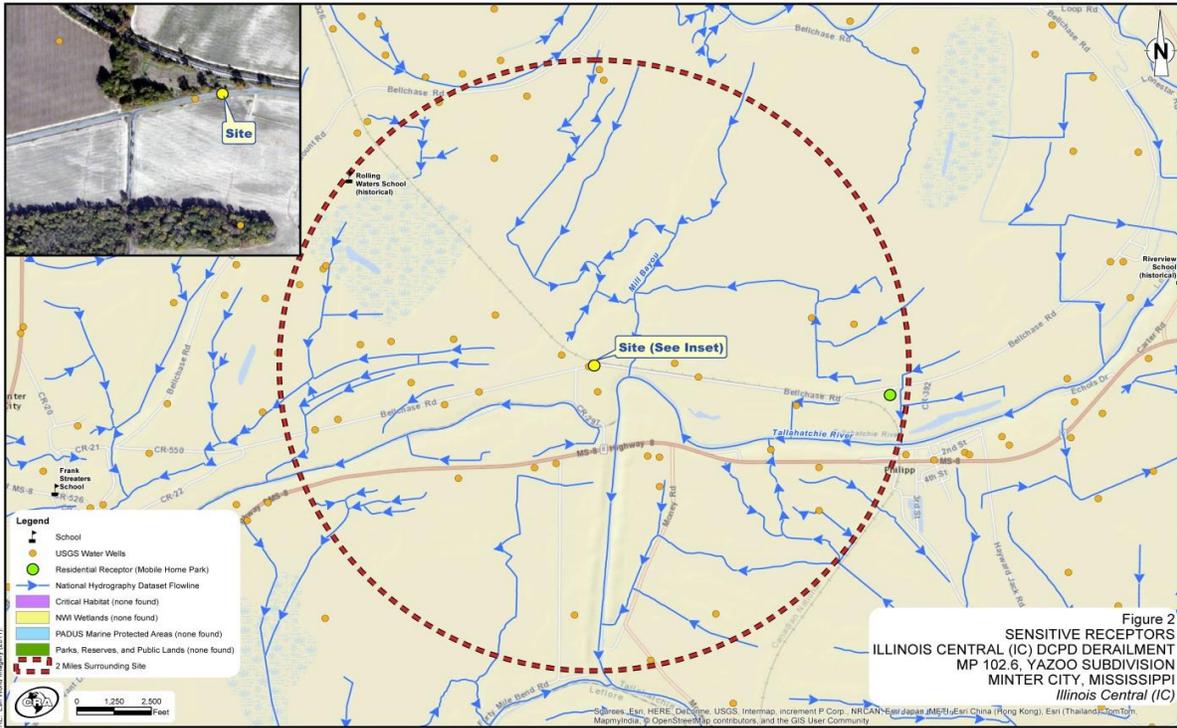
April 1, 2015 @ 1900 hours to April 2, 2015 @ 1900 hours



INCIDENT BRIEFING

ICS 201 – 1C

MAP / SKETCH



Sensitive Receptors Map

Operational Period:

April 1, 2015 @ 1900 hours to April 2, 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
- Community and Work Zone Air Monitoring
- Visual Inspection of Impacted Areas
- Continue Containment and Recovery of Released Material
- Recovery of Released Product in Zones 1, 4, and 5 with absorbent material
- Stock pile of impacted soil/securing of stock pile
- Sample collection of soil confirmation samples
- Completion of Soil, Waste, and Debris Management Plan

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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.

Operational Period:

April 1, 2015 @ 1900 hours to April 2, 2015 @ 1900 hours



INCIDENT BRIEFING

ICS 201 – 2D

SUMMARY OF CURRENT ACTIONS

April 1, 2015 through April 2, 2015 :

- All work has been completed without incident.
- Excavation operations continued throughout the night. Headspace screening and confirmation sampling are being collected for verification of excavation activities.
- Air monitoring community readings were below the action level.
- Wrecking crews removed vehicles from car hauler and staged them for damage assessment
- Bob Strong has taken over as Incident Commander for CN.
- The original estimates of recovered liquids was calculated incorrectly, corrected version of recovered liquids is listed below in the table.
- Recovery operations continued throughout the day, approximately 2,800 gallons of liquid was recovered at 2100 hours on April 1, 2015; an additional 1,000 gallons of liquid was recovered by 1700 hours on April 2, 2015. A total of approximately 19,470 gallons was recovered to date.
- Impacted soil near the derailment area was stockpiled and will continue into the night.
- Workers in Recovery Zone 1, 4, and 5 recovered 2 roll off container of debris and absorbents using absorbent material. A total of 2 full roll off containers of absorbent material was collected to date.
- Continued community and work zone air monitoring for public and worker safety. No Readings detected in community.

4/1/2015 5PM - 4/2/2015 4PM

Manually Collected Real-Time Air Monitoring Data Summary Work/Hot Zone					
Number of Readings	Analyte	Minimum	Maximum	Average	Units
150	VOC	0	180	5.14	ppm
122	LEL	0	0	0.00	ppm
122	O2	20.9	20.9	20.9	ppm
122	H2S	0	5	0.40	ppm
119	CO	0	9	0.64	ppm
0	Benzene	0	0	-	ppm

Recovered Liquids as of 4/1/14 @ 2100 hours			
Frac Tank Number	Product	Water	Total
FM.1029	5,872	4,543	10,415
FM.1156	4,117	3,938	8,055
OF006	0	0	0
N-12141	0	0	0
N48445	0	0	0
TOTAL:	9,989	8,481	18,470

*All amounts are estimated in gallons

Recovered Liquids by Date			
Frac Tank Number	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
4/215			1,000
TOTAL:	9,989	8,481	19,470

*All amounts are estimated in gallons

Operational Period:

April 1, 2015 @ 1900 hours to April 2, 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 Coreman	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
(55) USES in wooded area (25) USES in excavation area	Daniel Barrett	Recovery/Transfers
(11) CRA, INC	Nathan L. Judice	Environmental Assessment (air, water, soil)
(2) CTEH	Glen Thompson	Community (Air)
(10) CN	Bob Strong	IC
(1) EPA	Jason Booth	FOSC
(1) MDEQ	Jason Suggs	SOSC
Operational Period:	April 1, 2015 @ 1900 hours to April 2, 2015 @ 1900 hours	



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RESPONSE OBJECTIVES

ICS 202 – 1A

OBJECTIVES FOR NEXT OPERATIONAL PERIOD

- Continued to recover released product (dicyclopentadiene)
- Night Excavation operations in the site drainage ditch will continue throughout the night.
- Removal in impacted vegetation and soil in the wooded area with a Mini-Excavator
- Stabilization of the railroad by installing pilings will start following excavation and backfilling of site drainage ditch.
- Continue excavation operations until complete, headspace screening and confirmation samples will be collected.
- Management of storm water (If Encountered)
- Visual inspection of impacted areas
- Personnel from USCG will be onsite for Safety and Operations oversight
- Development of a Site Characterization Plan

Operational Period:

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RESPONSE OBJECTIVES

ICS 202 – 2

WEATHER REPORT

From www.Intellicast.com


Friday 80% Precip. / 0.19 in
 Friday 04/03
 79 | 46 °F
 Cloudy in the morning, then thunderstorms developing later in the day. A few storms may be severe. High 79F. Winds SW at 15 to 25 mph. Chance of rain 80%.


Friday Night 80% Precip. / 0.07 in
 Light rain early. Partial clearing late. Low 46F. Winds N at 15 to 25 mph. Chance of rain 80%.


Saturday 0% Precip. / 0 in
 Saturday 04/04
 66 | 46 °F
 Mainly sunny. High 66F. Winds NNE at 10 to 20 mph.


Saturday Night 0% Precip. / 0 in
 A few clouds overnight. Low 46F. Winds ENE at 5 to 10 mph.


Sunday 90% Precip. / 0.16 in
 Sunday 04/05
 62 | 55 °F
 Cloudy skies with periods of rain later in the day. High 62F. Winds SE at 5 to 10 mph. Chance of rain 90%.

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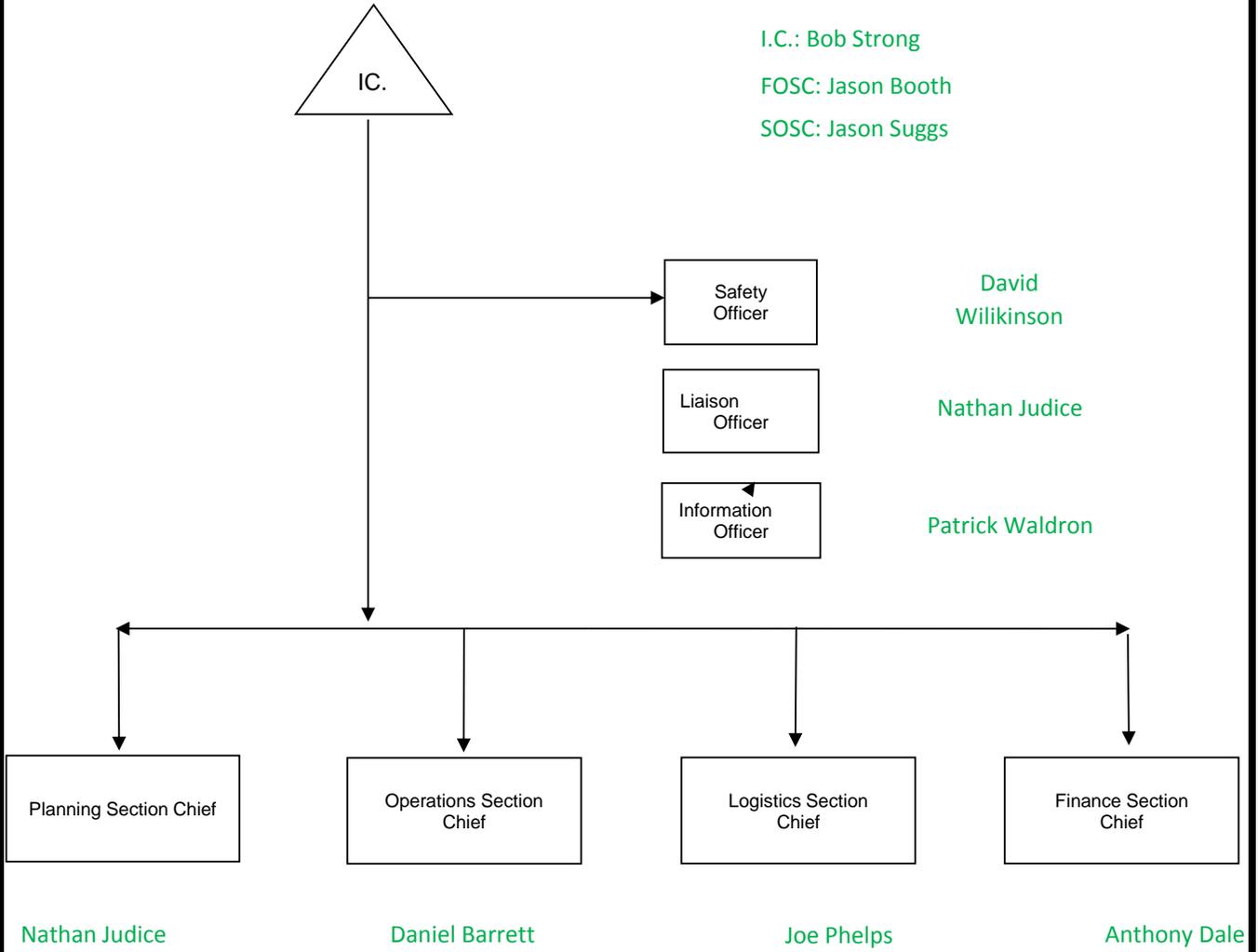
Communications Plan ICS 205

ICS Position:	Company:	Name:	Cell: 601-592-1838
Incident Comander	CN	Bob Strong	Radio:
			E-mail: bob.strong@cn.ca
ICS Position:	Company:	Name:	Cell: 901-485-9799
Operation Section Chief	USES	Daniel Barrett	Radio:
			E-mail: dbarrett@usesgroup.com
ICS Position:	Company:	Name:	Cell: 225-975-7993
Safety Officer	CRA	David Wilikinson	Radio:
			E-mail: dwilkinson@croworld.com
ICS Position:	Company:	Name:	Cell: 337-335-8035
Planning Officer	CRA	Nathan Judice	Radio:
			E-mail: njudice@croworld.com
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: glema1@cgdsl.net
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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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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