


| | | | |
|--|---|---|--|
|  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: | | 1-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: | | March 31, 2015 @ 1900 hours | |
| Operational Finish Date/Time: | | April 1, 2015 @ 1900 hours | |
| APPROVAL | | | |
| FOSC | | US EPA - Jason Booth | |
| SOSC | | MDEQ - Jason Suggs | |
| EMA | | Leflore County | |
| RP | | CN | |
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| X | Safety Message (ICS 213) | | |
| X | Daily Safety and Health Message | | |
| Operational Period: | | March 31, 2015 @ 1900 hours to April 1, 2015 @ 1900 hours | |

INCIDENT BRIEFING

ICS 201 – 1A

MAP / SKETCH



Approximate Area of Derailment

Operational Period:

March 31, 2015 @ 1900 hours to April 1, 2015 @ 1900 hours



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INCIDENT BRIEFING

ICS 201 – 1B

MAP / SKETCH



VOC Concentration Map

Operational Period:

March 31, 2015 @ 1900 hours to April 1, 2015 @ 1900 hours



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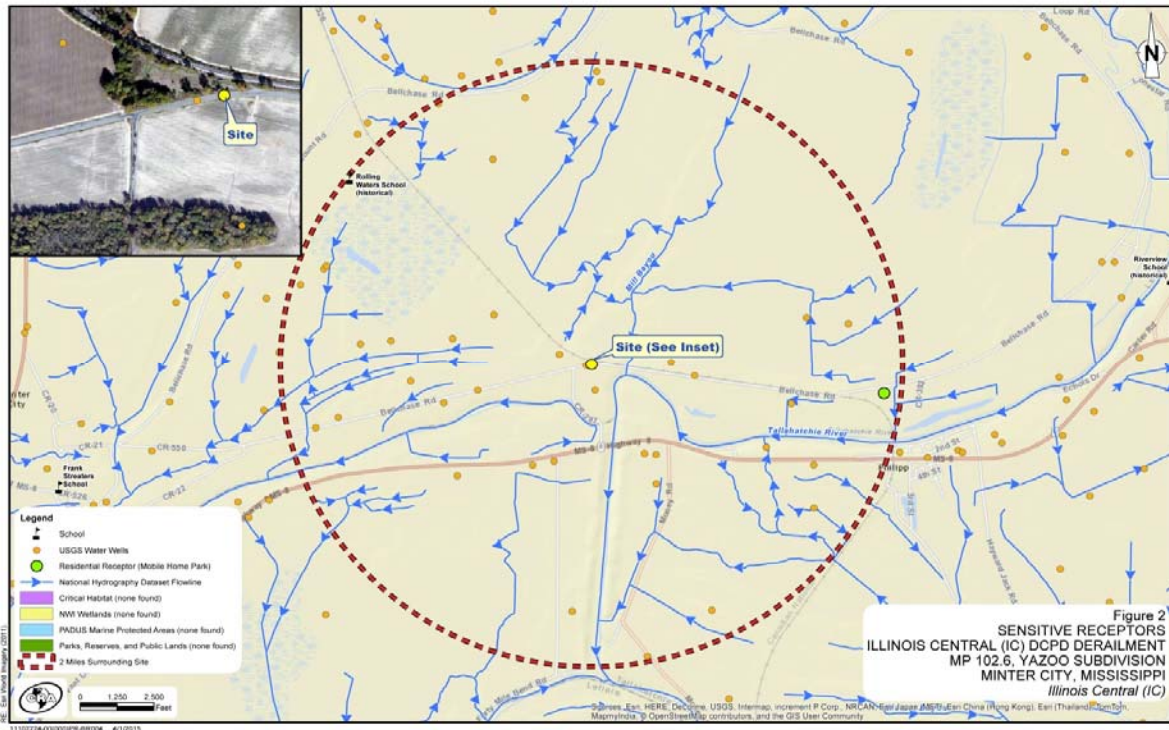
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INCIDENT BRIEFING

ICS 201 – 1C

MAP / SKETCH



Sensitive Receptors Map

Operational Period:

March 31, 2015 @ 1900 hours to April 1, 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:

March 31, 2015 @ 1900 hours to April 1, 2015 @ 1900 hours



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RESPONSE OBJECTIVES

ICS 201 – 2B

OBJECTIVES FOR OPERATIONAL PERIOD

- Worker and Community Safety
- Transfer of IC from Dangerous Goods to Environmental
- 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 if impacted soil/securing of stock pile with tarps
- Sample collection of solid and liquid waste for waste characterization
- Completion of Soil, Waste, and Debris Management Plan
- Completion of Recovery of Containment Plan

Operational Period:

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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:

March 31, 2015 @ 1900 hours to April 1, 2015 @ 1900 hours



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INCIDENT BRIEFING

ICS 201 – 2D

SUMMARY OF CURRENT ACTIONS

March 31, 2015 through April 1, 2015 :

- All work has been completed without incident.
- Recovery operations continued throughout the night and approximately 5,000 gallons of liquid was recovered.
- Air monitoring community readings were below the action level.
- Wrecing crews removed vehicles from car hauler and staged them for damage assessment
- Hulcher, B&P, and RJ Coreman demobilized the majority of their personnel from the site wrecking operations are completed.
- Joe Phelps has taken over as Incident Commander for CN.
- Recovery operations continued throughout the day with approximately 2,800 gallons of liquid recovered. A total of 27,710 gallons was recovered for this
- Impacted soil near the derailment area was stockpiled in 3 locations and trapped.
- Workers in Recovery Zone 1, 4, and 5 recovered 1 roll of container of debris and absorbents using absorbent material and vacuum trucks.
- Continued community and work zone air monitoring for public and worker safety. No Readings detected in community.

4/1/2015 10AM - 4/1/2015 5PM


| Manually Collected Real-Time Air Monitoring Data Summary Work/Hot Zone | | | | | |
|--|------------------|---------|---------|---------|-------|
| Number of Readings | Analyte | Minimum | Maximum | Average | Units |
| 8 | VOC | 0 | 3.6 | 1.33 | ppm |
| 8 | LEL | 0 | 0 | 0.00 | ppm |
| 8 | O ₂ | 20.9 | 20.9 | 20.9 | ppm |
| 8 | H ₂ S | 0 | 0.4 | 0.05 | ppm |
| 8 | CO | 0 | 0 | 0.00 | ppm |
| 0 | Benzene | 0 | 0 | - | ppm |

| Recovered Liquids as of 4/1/14 @ 1200 hours | | | |
|---|---------|-------|--------|
| Frac Tank Number | Product | Water | Total |
| FM.1029 | 6,365 | 4,991 | 11,356 |
| FM.1156 | 8,563 | 4,991 | 13,554 |
| OF006 | 0 | 0 | 0 |
| N-12141 | 0 | 0 | 0 |
| N48445 | 0 | 0 | 0 |
| TOTAL: | 14,928 | 9,982 | 24,910 |

*All amounts are estimated in gallons

Operational Period:

March 31, 2015 @ 1900 hours to April 1, 2015 @ 1900 hours

| | | | |
|--|--|---|-------------------|
|  CONESTOGA-ROVERS & ASSOCIATES Prepared for: CN | | <h1 style="text-align: center;">INCIDENT BRIEFING</h1> <h2 style="text-align: center;">ICS 201 – 3</h2> | |
| 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 | |
| (29) USES in wooded area (5) USES in excavation area | Daniel Barrett | Recovery/Transfers | |
| (1) CRA, INC | Nathan L. Judice | Environmental Assessment (air, water, soil) | |
| (1) 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)
- Damage assessment of vehicles by Ford subcontractor
- Recovery of 95% of released product in Recovery Zones 1, 4, and 5.
- Complete recovery of released product from drainage ditch along railroad as it continues seep from the soil
- Complete removal of debris from the Site ditch to the wooded area.
- 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

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RESPONSE OBJECTIVES

ICS 202 – 2

WEATHER REPORT

From www.Intellicast.com

| | | |
|---------------------------------|---|---|
| Thursday 04/02 80 67 °F |  | Thursday 20% Precip. / 0 in Partly cloudy skies. A stray shower or thunderstorm is possible. High near 80F. Winds SSW at 15 to 25 mph. |
| |  | Thursday Night 20% Precip. / 0 in A few clouds from time to time. Chance of a shower or thunderstorm throughout the evening. Low 67F. Winds SSW at 10 to 20 mph. |
| Friday 04/03 78 45 °F |  | Friday 90% Precip. / 0.12 in Windy. Thunderstorms becoming likely in the afternoon. A few storms may be severe. High 78F. Winds SW at 20 to 30 mph. Chance of rain 90%. |
| |  | Friday Night 80% Precip. / 0.03 in Rain showers early with clearing later at night. Low near 45F. Winds N at 15 to 25 mph. Chance of rain 80%. |
| Saturday 04/04 66 44 °F |  | Saturday 0% Precip. / 0 in A mainly sunny sky. High 66F. Winds NNE at 10 to 20 mph. |
| |  | Saturday Night 0% Precip. / 0 in |

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Communications Plan ICS 205

| ICS Position: | Company: | Name: | Cell: 630-222-2877 |
|----------------------------|----------|--|---|
| Incident Commander | CN | Joe Phelps | Radio: E-mail: joe.phepls@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@craworld.com |
| ICS Position: | Company: | Name: | Cell: 337-335-8035 |
| Planning Officer | CRA | Nathan Judice | Radio: E-mail: njudice@craworld.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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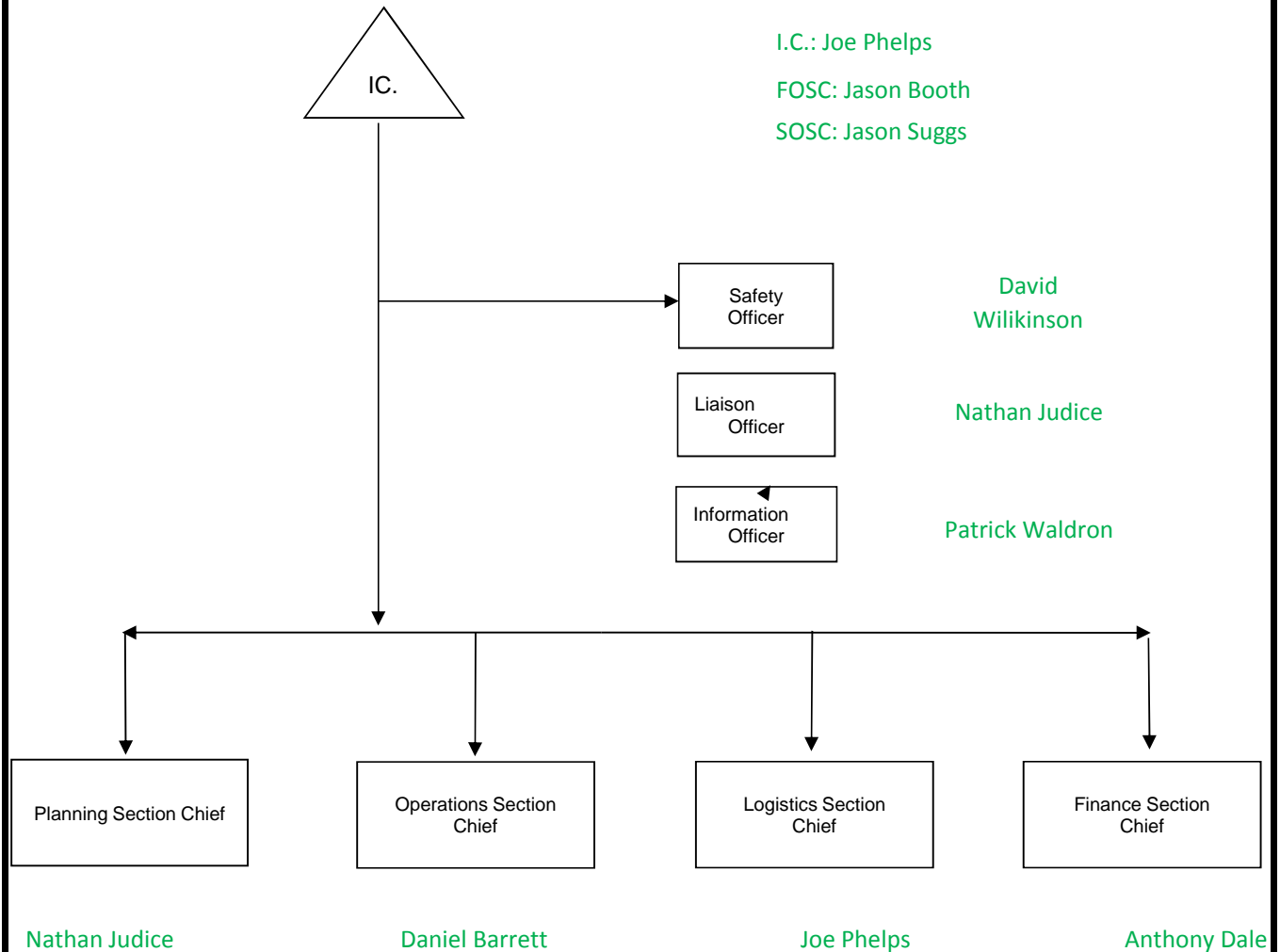
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Incident Organization Chart ICS 207

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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