



**CONESTOGA-ROVERS
& ASSOCIATES**

Prepared for:
CN

INCIDENT ACTION PLAN COVER SHEET

Incident Name	New Augusta Derailment
Incident Number	NRC Report #: 1072598
Date Prepared	February 2, 2014
Time Prepared	0400 hours
Prepared by	Troy S. Bernal CRA, Inc.
Latitude	31.204477 N
Longitude	89.054875 W
Operational Start Date/Time	February 2, 2014 @ 0800 hours
Operational Finish Date/Time	February 2, 2014 @ 2000 hours
APPROVAL	
FOSC <i>[Signature]</i>	US EPA
SOSC <i>[Signature]</i>	MDEQ
EMA <i>[Signature]</i>	Perry County
RP <i>[Signature]</i>	CN

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INCIDENT BRIEFING ICS 201 – 1A

MAP / SKETCH



Approximate Area of Derailment



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INCIDENT BRIEFING ICS 201 – 1B

MAP / SKETCH



Perimeter Air Monitoring Locations (AreaREAs)



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INCIDENT BRIEFING ICS 201 – 2A

SUMMARY OF CURRENT ACTIONS

February 1 to 2, 2014 (2000 to 0800):

- Continued with air monitoring of perimeter and work zone
- Continued transfers of urea railcars and completed
- Completed transfer of methanol railcar at 2100
- Completed clean and purge of methanol railcar at 0615
- Began clean and purge of urea railcars
- Control measures surrounding railcars and impacted material (berms and covers) were inspected and maintained
- Steamed five crude oil railcars for preparation of transfers
- Repaired leak in crude oil railcar



INCIDENT BRIEFING ICS 201 – 3

RESOURCES SUMMARY

RESOURCE	PROVIDER	ON-SCENE	ASSIGNMENT
Excavators	B&P	Jan 31, 2014	Train Wrecking
Excavators	Hulcher	Jan 31, 2014	Train Wrecking
Dozer	B&P	Feb 1, 2014	Train Wrecking
Frac Tanks (7)	Gator	Jan 31, 2014	Material Containment
Command Trailer (1)	USES	Jan 31, 2014	Communications
Haz Mat	USES	Jan 31, 2014	Recovery/Transfers
Air Monitoring Equipment	CRA	Jan 31, 2014	Air Monitoring
Steaming Equipment	United/ACE	Feb 2, 2014	Steaming/Transfers

PERSONNEL SUMMARY

COMPANY	ON-SCENE	ASSIGNMENT
(30) USES	Don Warren/Glenn Thompson	Recovery/Transfers
(30) Hulcher	Randy Pinkston	Train Wrecking
(12) B&P	Spinner Vaughn	Train Wrecking/Environmental
(7) CRA, INC	Troy S. Bernal	Environmental Assessment (air, water, soil)
(4) United Services/ACE	Danny Claxton	Transfer/Steaming
(1) Right Of Way Consultant	Gary Smith	Track Protection



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RESPONSE OBJECTIVES ICS 202-1A

Incident Name	New Augusta Derailment
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Date Prepared	February 2, 2014
Time Prepared	0400 hours
Prepared by	Troy S. Bernal CRA, Inc.
Latitude	31.204477 N
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Operational Start Date/Time	February 2, 2014 @ 0800 hours
Operational Finish Date/Time	February 2, 2014 @ 2000 hours

OBJECTIVES FOR OPERATIONAL PERIOD

1. Meet with residents that were evacuated at 0900
2. Conduct air monitoring within each home prior to reentry by residents
3. Continue to conduct visual inspections of surrounding surface water and drainage features - activity will continue throughout operational period
4. Continue with air monitoring of perimeter and work zone - activity will continue throughout operational period
5. Maintain and inspection control measures (berms, covers) - activity will continue throughout operational period
6. Continue transfers of crude oil - activity will continue throughout operational period
7. Open track will remain - track protection - MP 78.4 to 69.1
8. Start preparation of Waste Management Plan
9. Securitas secure entry point to work area with log in/out sheet, sheriff department located at Willow Street
10. Began transfer of railcars containing crude oil at 0830; will complete five railcar transfers
11. Fixed resin railcar coil system to begin steaming operations (railcar will need to be steamed for 36 hours to reached transferable temperature)
12. MDOT wants repairs to damages at both ends of HWY 98 and the removal of sand form main drainage in HWY 98 median
13. Contain and recover distillates (Petroluem) Hydrotreated Light contents from tank car ECUX 371058



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RESPONSE OBJECTIVES ICS 202-2

WEATHER REPORT

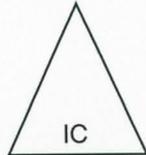
From www.Intellicast.com

<p>Sunday, February 02</p>  <p>69° 46°</p> <p>Rain/Thunder</p> <p>View Detailed Hourly ></p>	<p>☀ Rise: 6:47 AM Set: 5:32 PM 🌙 Rise: 8:30 AM Set: 8:59 PM</p> <p>Day: Showers early, becoming steady rain for the afternoon with a few thunderstorms possible. High 69F. Winds SSE at 5 to 10 mph. Chance of rain 70%.</p> <p>Night: Rain with a thunderstorm or two this evening, followed by a few showers overnight. Low 46F. Winds SW at 5 to 10 mph. Chance of rain 90%. Rainfall around a half an inch.</p>	<ul style="list-style-type: none"> ☐ UV Index: 2 (Low) ☐ Relative Humidity: 81% ☐ Precipitation: 90% ☐ Snow Probability: 18% ☐ Cloud Coverage: 88% 🌙 Moon Phase: Waxing Crescent Wind Speed: 10Mph (16Km, 9Kts) Wind Direction: 152° (SSE)
<p>Monday, February 03</p>  <p>59° 45°</p> <p>Mostly Cloudy</p> <p>View Detailed Hourly ></p>	<p>☀ Rise: 6:47 AM Set: 5:33 PM 🌙 Rise: 9:09 AM Set: 10:01 PM</p> <p>Day: Considerable cloudiness. High 59F. Winds N at 5 to 10 mph.</p> <p>Night: Partly cloudy skies during the evening will give way to cloudy skies overnight. Low near 45F. Winds ENE at 5 to 10 mph.</p>	<ul style="list-style-type: none"> ☐ UV Index: 3 (Moderate) ☐ Relative Humidity: 69% ☐ Precipitation: 10% ☐ Snow Probability: 0% ☐ Cloud Coverage: 77% 🌙 Moon Phase: Waxing Crescent Wind Speed: 7Mph (12Km, 6Kts) Wind Direction: 7° (N)
<p>Tuesday, February 04</p>  <p>70° 45°</p> <p>Isolated Thunderstorms</p>	<p>☀ Rise: 6:46 AM Set: 5:33 PM 🌙 Rise: 9:48 AM Set: 11:02 PM</p> <p>Slight chance of a thunderstorm. Highs in the low 70s and lows in the mid 40s.</p>	<ul style="list-style-type: none"> ☐ UV Index: 2 (Low) ☐ Relative Humidity: 82% ☐ Precipitation: 60% ☐ Snow Probability: 3% ☐ Cloud Coverage: 90% 🌙 Moon Phase: Waxing Crescent Wind Speed: 12Mph (20Km, 10Kts) Wind Direction: 157° (SSE)
<p>Wednesday, February 05</p>  <p>54° 29°</p> <p>AM Clouds/PM Sun</p>	<p>☀ Rise: 6:45 AM Set: 5:34 PM 🌙 Rise: 10:28 AM Set: 12:01 AM</p> <p>Morning clouds followed by afternoon sun. Highs in the mid 50s and lows in the upper 20s.</p>	<ul style="list-style-type: none"> ☐ UV Index: 4 (Moderate) ☐ Relative Humidity: 46% ☐ Precipitation: 20% ☐ Snow Probability: 0% ☐ Cloud Coverage: 55% 🌙 Moon Phase: Waxing Crescent Wind Speed: 10Mph (16Km, 9Kts) Wind Direction: 347° (NNW)



Organization Assignment 203

CURRENT ORGANIZATION

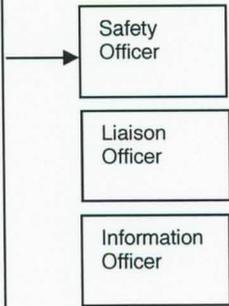


I.C.: Anthony Ippolito (CN)

FOSC: US EPA (Leo Francendese)

SOSC: MEDQ (Erine Shirley)

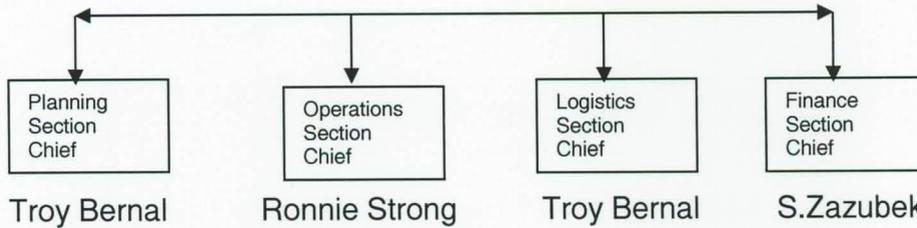
Perry County EMA: Russell Dale Carnahan



Mike Gettinger, USES; Coast Guard

CN

CN



1. Incident Name: New Augusta Derailment		2. Operational Period: (Date/Time) From: 02FEB2014 / 0800 To: 02FEB2014/ 2000		ASSIGNMENT LIST ICS 204	
3. Branch:		4. Division/Group/Staging: Transfer Group			
5. Operations Personnel:					
ICS Position	Name	Company/Agency	Contact #(s)		
Operations Section Chief:	Ronnie Strong	CN	601-317-4614		
Branch Director:					
Division Group Supervisor:	Anthony Ippolito	CN			
6. Resource Assigned: additional instructions "x" indicates 204 ^a attachment with					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	↓
USES	Don Warren/Glenn Thompson		7		
Hulcher	Randy Pinksten		5		
United/ACE	Danny Claxton		2		
B&P	Spinner		12		
7. Work Assignments:					
<p><u>USES/B&P</u>: transfer of crude oil cars and clean and purge after transfer</p> <p><u>Hulcher</u>: Continue transfer of crude oil railcars; continue clean and purge of urea cars;</p> <p><u>United Services/ACE</u>: complete steaming five cars that are hookup</p>					
8. Special Instructions:					
Air monitoring will be conducted during all transfers and clean and purge operations. All decontamination liquids will be contained and proper disposed of at the appropriate licensed facility.					
9. Communications (radio and/or phone contact numbers needed for this assignment):					
Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager		
Emergency Communications:					
10. Prepared by: (RESL) (Date/Time)		11. Prepared by: (PSC) (Date/Time)		12. Prepared by: (OPS) (Date/Time)	
ASSIGNMENT LIST					ICS
204					

2. Incident Name: New Augusta Derailment		2. Operational Period: (Date/Time) From: 02FEB2014 / 0800 To: 02FEB2014/ 2000		ASSIGNMENT LIST ICS 204	
3. Branch:		4. Division/Group/Staging: Environmental Group			
5. Operations Personnel:					
ICS Position	Name	Company/Agency	Contact #(s)		
Operations Section Chief:	Ronnie Strong	CN	225-907-4606		
Branch Director:					
Division Group Supervisor:	Bob Strong Troy S. Bernal	CN CRA	601-317-4614 225-907-4606		
6. Resource Assigned: additional instructions "x" indicates 204 ^a attachment with					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	
B&P	Spinner Vaughn		12		
CRA	Nathan Judice		7		
7. Work Assignments:					
<p><u>B&P:</u> Maintain dike around impact areas, maintain covers on railcars; maintain drainage of storm water; recover and contain distillates (petroleum) hydro treated light contents from tank car ECUX 371058; repair damages at both ends of US HWY 98 and remove sand from main drainage in US HWY 98</p> <p><u>CRA:</u> Continue air monitoring the perimeter and work zone; continue visual inspections on the surface water and drainage features; conduct air monitoring of residential homes prior to reentry</p>					
8. Special Instructions:					
Air monitoring personnel will be escorted with local police personnel into residential homes.					
9. Communications (radio and/or phone contact numbers needed for this assignment):					
Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager		
Emergency Communications:					
10. Prepared by: (RESL) (Date/Time)		11. Prepared by: (PSC) (Date/Time)		12. Prepared by: (OPS) (Date/Time)	

3. Incident Name: New Augusta Derailment		2. Operational Period: (Date/Time) From: 02FEB2014 / 0800 To: 02FEB2014/ 2000		ASSIGNMENT LIST ICS 204	
3. Branch:		4. Division/Group/Staging: Engineering Group			
5. Operations Personnel:					
ICS Position	Name	Company/Agency	Contact #(s)		
Operations Section Chief:	Ronnie Strong	CN	601-317-4614		
Branch Director:					
Division Group Supervisor:	Chad Anderson	CN			
6. Resource Assigned: additional instructions "x" indicates 204^a attachment with					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	↓
CN	Dillon Onda		5		
7. Work Assignments:					
<p>CN: Track will be inspected periodically; 25 mph limit unless inspected less than two hours prior to entry</p> <p>White of Way Consultant: will provide track protection</p>					
8. Special Instructions:					
Robert Downing has track protection for MP 78.4 to 69.1; two trains expected through this period					
9. Communications (radio and/or phone contact numbers needed for this assignment):					
Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager		
Emergency Communications:					
10. Prepared by: (RESL) (Date/Time)		11. Prepared by: (PSC) (Date/Time)		12. Prepared by: (OPS) (Date/Time)	
ASSIGNMENT LIST					ICS 204

4. Incident Name: New Augusta Derailment		2. Operational Period: (Date/Time) From: 02FEB2014 / 0800 To: 02FEB2014/ 2000		ASSIGNMENT LIST ICS 204	
3. Branch:		4. Division/Group/Staging: Police Group			
5. Operations Personnel:					
ICS Position	Name	Company/Agency	Contact #(s)		
Operations Section Chief:	Ronnie Strong	CN	601-317-4614		
Branch Director:					
Division Group Supervisor:	Monica Carson	CN	601-317-4614		
6. Resource Assigned: additional instructions "x" indicates 204^a attachment with					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/ Notes/Remarks	
CN Security	Monica Carson		2		
7. Work Assignments:					
Provide security at entry to work area using sign in/out record					
8. Special Instructions:					
9. Communications (radio and/or phone contact numbers needed for this assignment):					
Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager		
Emergency Communications:					
10. Prepared by: (RESL) (Date/Time)	11. Prepared by: (PSC) (Date/Time)		12. Prepared by: (OPS) (Date/Time)		
ASSIGNMENT LIST				ICS 204	

5. Incident Name: New Augusta Derailment		2. Operational Period: (Date/Time) From: 02FEB2014 / 0800 To: 02FEB2014/ 2000		ASSIGNMENT LIST ICS 204	
3. Branch:		4. Division/Group/Staging: Risk Management Group			
5. Operations Personnel:					
ICS Position	Name	Company/Agency	Contact #(s)		
Operations Section Chief:	Troy Bernal	CRA	225-907-4606		
Branch Director:					
Division Group Supervisor:	Brett McCulluagh	CN			
6. Resource Assigned: additional instructions "x" indicates 204 ^a attachment with					
Strike Team/Task Force/ Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/ Notes/Remarks	
CN	Brett McCulluagh		1		
7. Work Assignments:					
<u>CN/CRA:</u> Attend meeting with residents to discuss reentry into homes.					
8. Special Instructions:					
Houses will be cleared with air monitoring equipment prior to reentry.					
9. Communications (radio and/or phone contact numbers needed for this assignment):					
Name/Function	Radio: Freq./System/Channel	Phone	Cell/Pager		
Emergency Communications:					
10. Prepared by: (RESL) (Date/Time)	11. Prepared by: (PSC) (Date/Time)	12. Prepared by: (OPS) (Date/Time)			
ASSIGNMENT LIST					ICS 204



**CONESTOGA-ROVERS
& ASSOCIATES**

Prepared for:
CN

Communications Plan ICS 205

CN - Will Noland	Cell: 248-431-7089 e-mail: William.noland@cn.ca
CRA - Troy S. Bernal	Cell: 225-907-4606 e-mail: tbernal@croworld.com
EPA - Leo Francendese	Cell: 404-606-2223 e-mail: francendese.leo@epa.gov
MDEQ - Ernie Shirley	Cell: 601-946-9474 e-mail: ernie.shirley@deq.state.ms.us
USES - Don Warren	Cell: 601-278-7814 e-mail:
B&P - Kendall Puritt	Cell: 601-785-4433 e-mail:
RJ Corman - Sam White	Cell: 859-296-3939 e-mail:
Hulcher - Randy Pinkston	Cell: 618-789-7448 e-mail:
United/Ace - Danny Claxton	Cell: 580-490-1511 e-mail:
Right of Way Consultant - Gary Smith	Cell: 601-748-2166 e-mail:
CN PIO - Patrick Waldron	Cell: 708-990-5771
MEMA PIO - Brett Carr	Cell: 601-933-6653
SAFETY OFFICER - USES - Mike Gettinger	Cell: 601-278-7835



**CONESTOGA-ROVERS
& ASSOCIATES**

Prepared for:
CN

Medical Plan 206-1A

Medical Plan

Emergency Information

Contact	Phone Number
Local Police	(601) 9648101 or 911
Fire Department	(601) 964-9933 or 911
Ambulance	911
Primary Local Hospital: Forrest General Hospital Address: 6051 US Highway 49 Hattiesburg, Mississippi 39401 (Reference attached map for directions)	(601) 288-7000
Local Hospital (2nd Option): Greene County Hospital Address: 1017 Jackson Ave. Leakesville, Mississippi 39451 (Reference attached map for directions)	(601) 394-4135
National Poison Center	800-222-1222
<p>Primary Local Hospital: Forrest General Hospital</p> <p>1. Head west on US-98 W 13.3 mi</p> <p>2. Take the ramp to Hattiesburg 0.4 mi</p> <p>3. Merge onto US 49 N 5.9 mi</p> <p>4. Turn left onto Mamie St 367 ft</p> <p> 6051 U.S. 49, Hattiesburg, MS 39401</p>	<p>Local Hospital (2nd Option): Greene County Hospital</p> <p>1. Head south on Turner Loop toward US-98 E 148 ft</p> <p>2. Turn left onto US-98 E 18.4 mi</p> <p>3. Turn left onto MS-57 N 14.0 mi</p> <p>4. Turn right onto Lackey St Destination will be on the right 0.2 mi</p> <p> 1017 Jackson Ave Leakesville, MS 39451</p>



**CONESTOGA-ROVERS
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Prepared for:
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Medical Plan 206-1B

Medical Plan

Primary Local Hospital: Forrest General Hospital Map





**CONESTOGA-ROVERS
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Medical Plan 206-1C

Medical Plan

Local Hospital (2nd Option): Greene County Hospital

